



# 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@po.state.ct.us](mailto:siting.council@po.state.ct.us)

Web Site: [www.state.ct.us/csc/index.htm](http://www.state.ct.us/csc/index.htm)

May 11, 2001

Sandy M. Carter  
Verizon Wireless  
20 Alexander Drive  
P.O. Box 5029  
Wallingford, CT 06492

RE: **EM-VER-033-010502** - Cellco Partnership d/b/a Verizon Wireless notice of intent to install a temporary cellular telephone facility for use at the Canon Greater Hartford Open (GHO) on River Highlands property located off Glenwood Road, Cromwell, Connecticut.

Dear Ms. Carter:


At a public meeting held on May 10, 2001, the Connecticut Siting Council (Council) acknowledged your notice to construct a temporary telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed facility is to be developed as specified here and in your notice dated May 1, 2001. The facility is in compliance with the exception criteria in Section 16-50j-72 (d) of the Regulations of Connecticut State Agencies for temporary cellular service for events of statewide significance. This temporary 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. Any additional change to this temporary 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,

  
Mortimer A. Gelston  
Chairman

MAG/RKE/laf

c: Honorable Stanley A. Terry, Jr., First Selectman, Town of Cromwell  
Frederic Curtin, Zoning Enforcement Officer, Town of Cromwell

Network Dept.



**verizon**wireless

Verizon Wireless  
20 Alexander Drive  
Wallingford, Connecticut 06492

Overnight Mail

May 1, 2001

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



**RE: GHO Temporary Cellular Communication Site – Cromwell, Connecticut**

Dear Chairman Gelston:

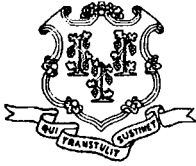
Cellco Partnership d/b/a Verizon Wireless plans to install a temporary cellular communications facility for use at the Canon Greater Hartford Open (“GHO”) located at the River Highlands Country Club in Cromwell, Connecticut. Please accept this letter as notification pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(d). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter is being sent to the First Selectman of Cromwell.

The planned temporary cell site meets the criteria set forth in R. C. S. A. Section 16-50j-72(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 for the GHO and the surrounding area. The temporary cell site will be placed on River Highlands property located off Glenwood Road in Cromwell. As submitted to the Council last year, Verizon Wireless will park the “Cell On Wheels” in the same location since the grounding, electrical service and telephone service has been installed for these temporary service operations. SNET Mobility, LLC (“SNET”) and AT&T Wireless will also be providing coverage to this site. The site will begin service around June 8 to be available during the set-up of the tournament and will be removed within a week after conclusion of the event on July 1.

The temporary cell site consists of radio equipment installed on or within a vehicle associated with a temporary antenna mast, referred to as a “Cell on Wheels” (“COW”). Verizon Wireless’s “COW” will be 31’ in length, 8’ wide and 13’ high. The overall height of the antenna mast will be approximately 60 feet in height and the centerline of the antenna will be 57 feet in height.

#### **Power Density Calculation**

The operation of the antenna will not result in a total frequency electromagnetic radiation power density, measured at the tower base, to a level at or above the ANSI standard. A “worst-case” calculation for a point at the base of the temporary cell site using parameters of 12 channels and 14 watts per channel indicates that Verizon Wireless’s temporary operation will result in a total power density of 0.0531 mW/cm<sup>2</sup>. The power density is 9.1% of the ANSI standard for uncontrolled environments.



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May 3, 2001

Honorable Stanley A. Terry, Jr.  
First Selectman  
Town of Cromwell  
41 West Street  
Cromwell, CT 06416

RE: **EM-VER-033-010502** - Cellco Partnership d/b/a Verizon Wireless notice of intent to install a temporary cellular telephone facility for use at the Canon Greater Hartford Open (GHO) on River Highlands property located off Glenwood Road, Cromwell, Connecticut.

Dear Mr. Terry:

The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for May 10, 2001, 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,

A handwritten signature in black ink, appearing to read "Joel M. Rinebold".

Joel M. Rinebold  
Executive Director

JMR/laf

Enclosure: Notice of Intent

c: Frederic Curtin, Zoning Enforcement Officer, Town of Cromwell

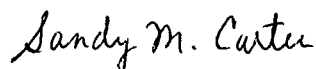
Mr. Mortimer A. Gelston  
May 1, 2001  
Page 2

SNET Mobility, LLC ("SNET") has been approved by the Council for their installation at this site. As indicated in their filing, SNET's "worst-case" calculation using parameters of 14 channels and 17 watts per channel shows that SNET's temporary operations will result in a power density of 0.0462 mW/cm<sup>2</sup>. This is 7.9% of the ANSI standard for uncontrolled environments. A "worst-case" calculation for a point at the base of the temporary cell sites indicates that SNET's and Verizon Wireless's temporary operations will result in a total power density of 17% of the ANSI standard for uncontrolled environments for mixed frequency sites. Therefore, total power density levels from temporary cellular operations at this location would be well within applicable standard limits.

Verizon Wireless respectfully requests that the Council approve the planned temporary cell site at the GHO pursuant to R.C.S.A. Section 16-50j(d)(2).

Pursuant to Connecticut General Statutes Section 16-50v-1(a) of the Regulations of Connecticut State Agencies, a check in the amount of \$500.00 has been submitted for the required filing fee.

Very truly yours,



Sandy M. Carter  
Manager – Regulatory  
Verizon Wireless

Attachments

cc: Honorable Stanley Terry, First Selectman, Town of Cromwell

Network Dept.



Verizon Wireless  
20 Alexander Drive  
Wallingford, Connecticut 06492

May 1, 2001

Honorable Stanley Terry, First Selectman  
Town of Cromwell  
Town Hall  
41 West Street  
Cromwell, Connecticut 06416

Dear Mr. Terry:

This letter is to inform you that Celco Partnership d/b/a Verizon Wireless (formerly Bell Atlantic Mobile) plans to install a temporary cellular communications facility consisting of antennas and associated equipment at the Canon Greater Hartford Open ("GHO") located at the River Highlands Country Club in Cromwell. As required by Section 16-50j-73 of the Regulations of the Connecticut State Agencies (R.C.S.A.), please accept this letter and the attached letter to the Connecticut Siting Council dated May 1, 2001 as notice of intent to the placement of antennas and associated equipment pursuant to R.C.S.A. Section 16-50j of the General Statutes of the State of Connecticut.

The attached letter fully describes Verizon Wireless'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 (203) 294-8519 or Joel Rinebold, Executive Director, Connecticut Siting Council at (860) 827-2935.

Sincerely,

A handwritten signature in cursive script that reads "Sandy M. Carter".

Sandy M. Carter  
Manager - Regulatory  
Verizon Wireless

Enclosure

① POTS  
① ZODIA Service

# TruckCOW



*COWs reduce site development costs by testing a site location before any construction begins. The following chart outlines the product characteristics for our TruckCOW. Contact FWT for available custom options.*

Moved By	Under its own power, 200 Hp Caterpillar diesel, 6-speed manual transmission
Support Structure	Production cab/chassis with custom designed support for pneumatic masts and combination work/storage platform over cab
Axles/Ratings	Truck (25,950 lbs, GVWR). Does not require commercial driver's license
Approximate Weight	19,000 to 21,000 lbs *
Capacities/Payload	Payload 5,000 - 7,000 lbs *
Overall Exterior Size	8'0" Wide x 31' Long x 13'0" High
Setup Space Required	compound 15' x 35' 12' Wide (with stairs) x 31' Long
Shelter	All aluminum construction, studs, walls, rafters, and roof
Interior Size	One room - 7'4" x 17'2" x 8'; Two room - 7'4" x 13'6" x 8'; Generator/Utility Room - 7'4" x 3'
Insulation	Rigid foam, R-16 walls, R-16 ceiling
Flooring	Vinyl tile over plywood and steel frame
Waveguide Entry	Six (6) 1.5" I.D. pvc sleeves to equipment room from mast
Door	3' x 7' insulated aluminum with 3-point padlockable stainless steel hardware Optional 6' wide by 7' tall roll-up door on rear
Electrical	100 amp single phase
HVAC	Single 2-ton (24,000 Btu/h) units with thermostat mounted behind cab
Tower Height / Design	Two (2) design configurations available: • Two (2) telescoping 60' locking ring pneumatic masts with one compressor and two control valves, mounted • One (1) 60' and one (1) 30' telescoping locking ring pneumatic masts with one compressor and two control valves behind cab with optional pan & tilt positioner for one mast
Tower Design Windload	30' and 60' pneumatic masts 49 MPH per EIA-222
Tower / Loading Options	Pneumatic masts are for light duty loading (200 lbs and 14 square foot wind sail area) 3 omni whips DB810 or equal
Auxiliary Power	Generator 7.5 to 20 KW diesel
Options	Truck: Automatic Transmission, 4-Wheel Drive Miscellaneous: Cable Ladder, Telco Board, High/Low Temperature Alarm, Smoke Alarm, Door Alarm, Surge Electrical Upgrades, Manual Transfer Switch, Exterior Lights, Generators, Automatic Transfer Switch, Fire Aluminum Storage Boxes Mast: 100', 133' Pan & Tilt Controller

\*Weight varies with options  
\*Minimum payloads available

