

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF NEW CINGULAR WIRELESS
PCS, LLC (AT&T) FOR A CERTIFICATE OF
ENVIRONMENTAL COMPATIBILITY AND
PUBLIC NEED FOR THE CONSTRUCTION,
MAINTENANCE AND OPERATION OF A
TELECOMMUNICATIONS TOWER FACILITY
AT 24 DINGLEBROOK LANE IN THE TOWN OF
NEWTOWN

DOCKET NO. 376

May 5, 2009

NEW CINGULAR WIRELESS ("AT&T")
RESPONSES TO SITING COUNCIL
PRE-HEARING INTERROGATORIES

Q1. What is New Cingular Wireless PCS, LLC's (AT&T) existing signal strength in the area that would be covered by this facility?

A1. The existing levels in this area are between -82 dBm and -150 dBm. The largest area being from -92 to -105.

Q 2. What is the minimum signal level AT&T would consider acceptable for service in the vicinity of the proposed site?

A2. AT&T designs its network to provide in building service in a given area. AT&T considers -74 dBm or better signal in the largest area possible as its minimum signal level. The next level is in vehicle service at a -82 dBm.

Q 3. What is the minimum signal level that AT&T requires in order to provide adequate in-vehicle coverage? What is the minimum signal level that AT&T requires in order to provide adequate in-building coverage?

A3. In vehicle coverage is considered to be signal levels in excess of -82 dBm. Signal levels in excess of -74 dBm are considered in building.

Q 4. When was the search ring first initiated for a tower in this area? Why is the proposed site located outside of the search ring? Inside the search ring is SR 1860 Newtown 2. Is this an existing site, or an optimal location / starting point for the site search process?

A4. The initial search area was developed on October 16, 2005. The actual search area was shifted due to its location in Paugusset State Forest. AT&T understands that the Department of Environmental Protection has a standing policy of not allowing telecommunications towers on public forest lands. Accordingly, no potential lease area in this original search ring was deemed available and a new search ring was generated. The SR1860 Newtown 2 provided a starting area

in which site acquisition personnel could focus but this area was comprised of comparatively small plots of land. After searching a wider area for larger parcels of land the proposed site was selected due to its relative size, availability, surrounding topography, and vegetation.

Q 5. Has AT&T considered locating the tower at the Paugussett State Forest? Explain why the site was rejected.

A5. As noted in A4, it is AT&T's understanding that the DEP has a standing policy against placing telecommunications carriers in state forests.

Q 6. What were the results of AT&T's notice to abutting property owners? Were the certificates of service returned from all those to whom notice was sent? If not, whose certificate was not returned? What other attempts were made to notify these persons? Provide a copy of all returned certificates of service.

A6. Return receipts were received for all but four of the abutting property owners. Copies of the 15 cards returned are included in Exhibit 1. Receipt by three of those four abutting property owners was subsequently confirmed by the United States Postal Service web confirmation service. Printouts of those confirmations are also included in Exhibit 1. Finally, for the one abutting property owner for whom receipt could not be confirmed, a subsequent follow up letter dated February 24, 2009 was sent via first class mail, a copy of which is also included in Exhibit 1.

Q 7. How many residences are within 1,000 feet of the proposed tower location? How far (distance and direction) is the nearest residence (not on the subject property) from the proposed tower?

A7. 36 residences are within 1,000 feet of the proposed tower location. The nearest residence from the proposed tower is 542 feet in a northwest direction. (Lot 3, Block 3, Map 22)

Q 8. Provide the distance and direction from the proposed site to the existing sites that the proposed tower would interact with. Also include the addresses, tower heights, antenna heights and tower types (e.g. monopole).

A8. The surrounding AT&T sites are as follows:

AT&T Site Number	Address	Antenna Height (ft)	Tower Type	Direction	Distance Miles
2185	Brookfield-Federal Road	97	Power pole	NW	5.13
5075	Brookfield -Huckleberry Hill Road	57	Flag Pole	WSW	3.79
5178	Newtown- Barnabas Road	135	Lattice	S	2.76
2313	Newtown-Edmond Road	120	Monopole	SE	3.714

Q 9. Would flush-mounted antennas or antennas attached to the tower via T-arms provide the required coverage? Would either configuration result in reduced coverage and/or necessitate greater antenna height? Explain.

A9. Antennas on T-arm mounts would be acceptable allowing for a full compliment of 6 antennas (2 per sector, 3 sectors total) to be installed at the same elevation without degradation of signal. Flush mounts would allow only three antennas to be mounted at the same level. The installation of a full compliment of six flush-mounted antennas would require two levels of antennas separated by 10 feet (as is the case with a flagpole design) and as a result would require additional height above that of T-arm mounts.

Q 10. Provide coverage plots using the same scale provided assuming the tower is 140 feet tall (with 140 foot antenna centerline height) and 130 feet tall (with 130 feet antenna centerline height), respectively.

A10. Please find included in Exhibit 2 the plots requested. Please also find an additional plot at 150', the requested height, for comparison purposes.

Q 11. How many trees with a diameter greater than six inches breast height would be removed during the development of the proposed access road and compound at the proposed site?

A11. 39 trees with a diameter greater than six inches breast height will need to be removed for the development of the proposed access road and compound at the proposed site.

Q 12. Calculate the amounts of cut and fill required to develop the proposed tower site and access drive.

A12. The amount of cut required to develop the proposed tower site and access drive will be approximately 10 cubic yards. The amount of fill required to develop the proposed tower site and access drive will be approximately 2 cubic yards.

Q 13. Would AT&T have backup power at its tower site? How would backup power be provided, e.g. battery, diesel generator, etc.? Has AT&T considered using a fuel cell as a backup power source for the proposed facility? Explain.

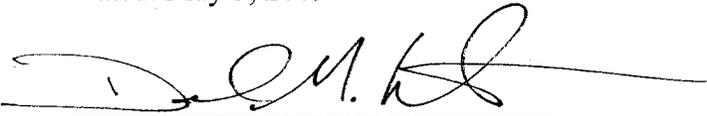
A13. Yes, AT&T will have backup power which will be provided by batteries on site. In the event of prolonged power outages a temporary mobile generator could be brought to the site to supply emergency power. A 4' x 11' concrete pad at the proposed site is designed for such use and is shown on Drawing SC-2 included in AT&T's Application Tab 3. AT&T's Northeast Market has never used fuel cells and does not have any experience with them

CERTIFICATION OF SERVICE

I hereby certify that on this day, an original and fifteen (15) copies of the foregoing and attached was served on the Connecticut Siting Council via electronic and overnight mail with a copy to:

Cellco Partnership d/b/a
Verizon Wireless
Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597
kbaldwin@rc.com

Dated: May 5, 2009



Daniel M. Laub
Cuddy & Feder LLP
445 Hamilton Avenue, 14th Floor
White Plains, New York 10601
Attorneys for:
AT&T

cc: John Blevins
Michele Briggs
Kevin Dey
Christopher B. Fisher, Esq.
Peter Starkes, P.E.