May 26, 2012

Re: Docket No. 427

North Atlantic Towers, LLC and New Cingular Wireless PCS, LLC (AT&T) application for certificate

Of environmental compatibility and public need located at one of two sites:

171 Short Beach Rd. Branford CT

82 Short Beach Rd. East Haven CT

Unfortunately I am not an attorney or have the resources or finances as your companies do but I do know when something is unacceptable for a residential community such as mine. So you will have to accept my following information and questions coming from a mother, loyal tax payer, homeowner and resident of the Riverside community in East Haven CT.

Very truly yours,

Sarah Pierson

63 Hilton Ave.

East Haven CT 06512

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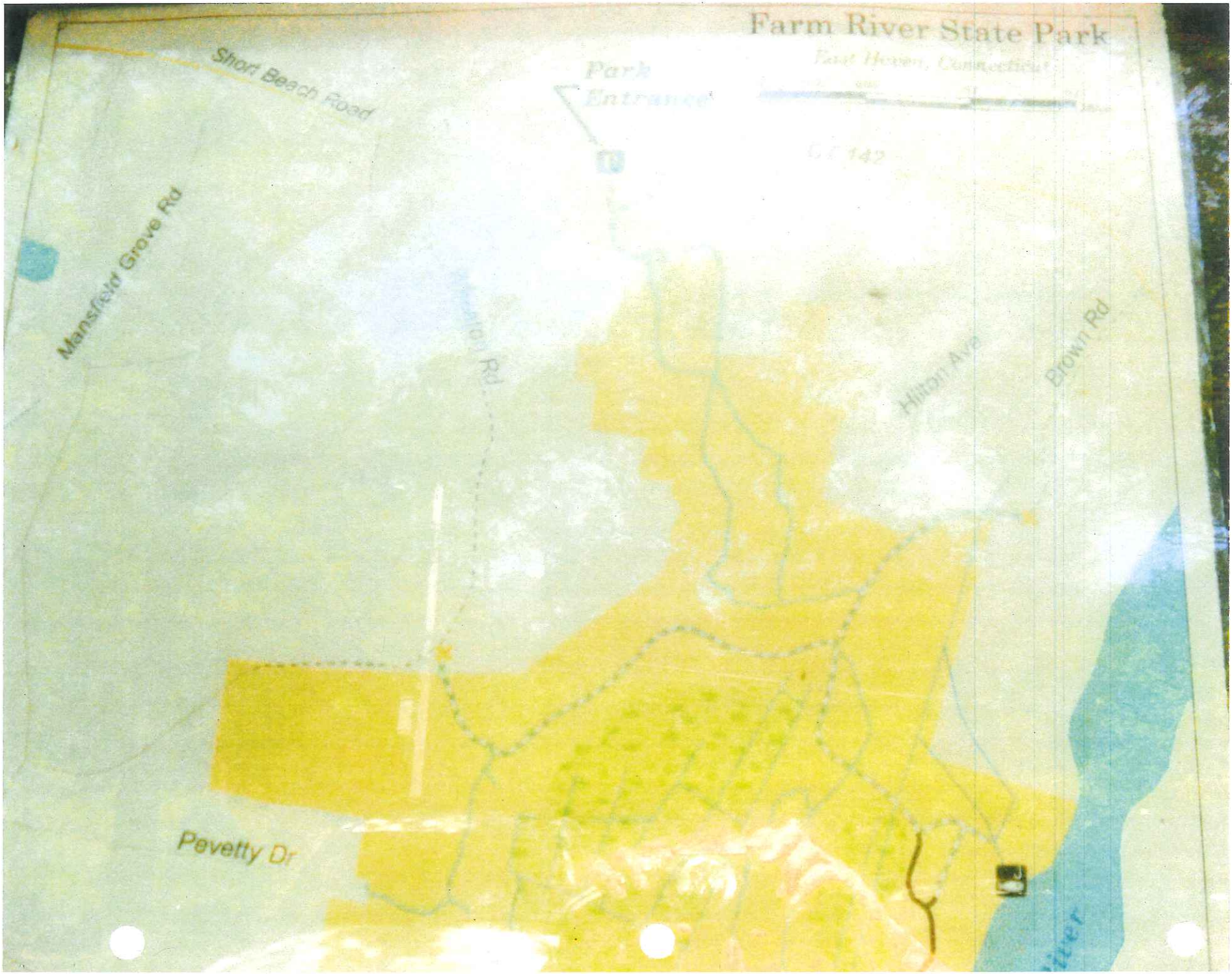
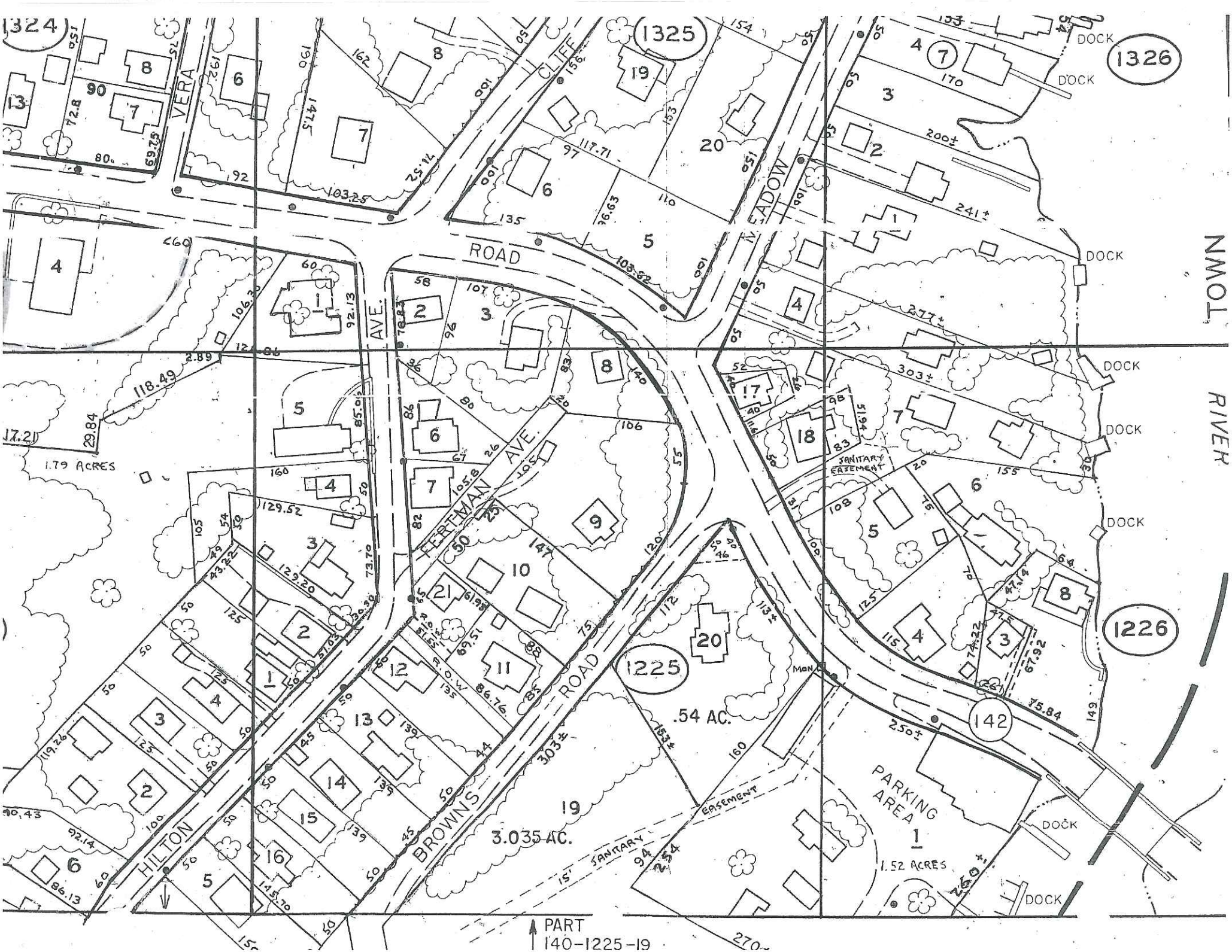
Map of Greenway Trails and Farm River State Park


Farm River State Park
East Haven, Connecticut
Park Entrance
Short Beach Road
Mansfield Grove Rd
Hilton Ave
Brown Rd
Pevetty Dr


1324
1325
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VERA
CLIFF
ROAD
MEADOW
TOWN
RIVER
AVE.
FERTMAN AVE.
ROAD
HILTON
BROWNS
ROAD
DOCK
1.79 ACRES
.54 AC.
3.035 AC.
1.52 ACRES
PARKING AREA 1
SANITARY EASEMENT
15' SANITARY EASEMENT
PART 140-1225-19


1322
BEACH
THREE
1323
FARM
HILDA
1223
1222
ROAD
WOODS
PART OF
110-0924-01
FARM RIVER
STATE PARK

Pictures of the beautiful hiking trails, Farm River State Park, nesting birds in park, beautiful Water views and town activities in proposed area

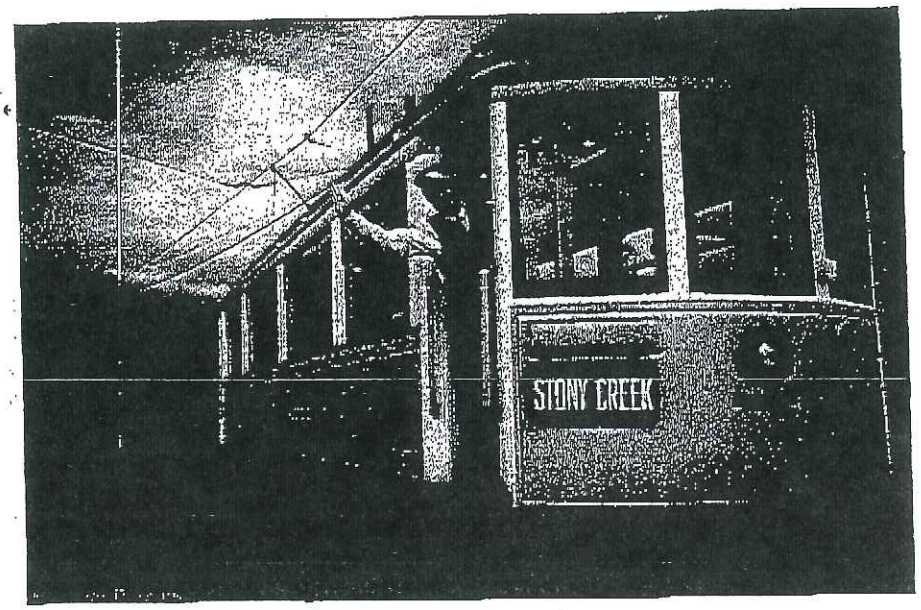
FARM RIVER STATE PARK
CLOSED AT SUNSET

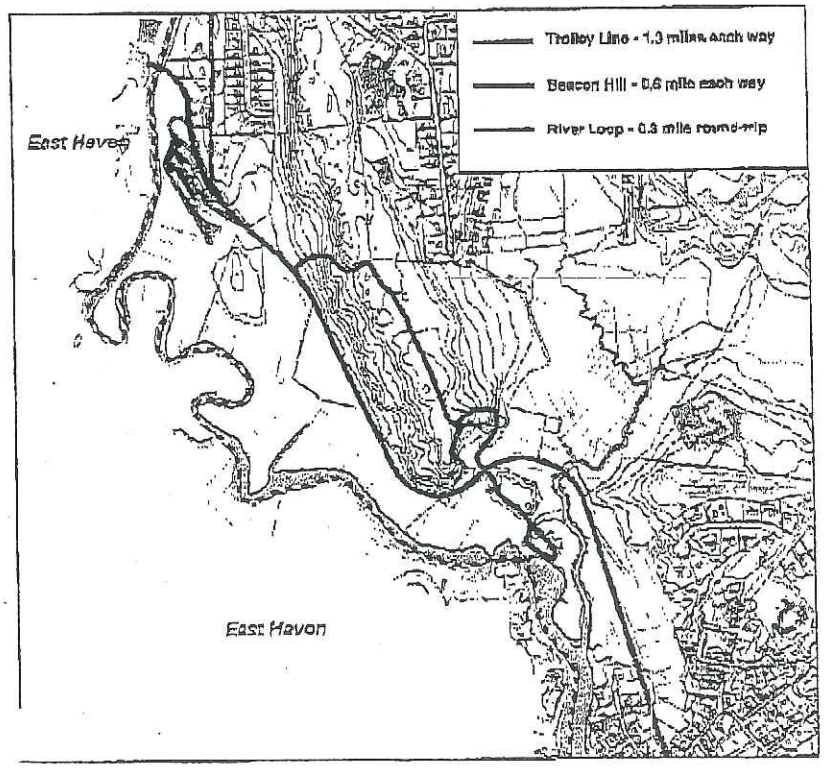
THE SHORE LINE TROLLEY MUSEUM
"WALK FOR THE RAILS"

SATURDAY
JUNE 9, 2012

10:00 AM

$15.00 per person
$25.00 per family





Join First Selectman Unk DeRos and Mayor Joseph Maturo for a day of fun to support our campaign to raise funds to protect the Museum's priceless collection that was damaged by Hurricane Irene.

* With four options of walks ranging from just a few steps to 4 miles.
* Enjoy beautiful views of the seashore as well as osprey habitats.
* There will be Museum Historians and members of the East Haven and Branford Land Trusts.
* Learn the history of 'Beacon Hill'.
* Spend some time in the Museum, enjoy a bite to eat or take a trolley ride.
* Register @ Shorelinetrolley.org/walk

HAPPY NEW YEAR 2012
SHORELINE GREENWAY TRAIL
FIRST SATURDAY
WINTER WALKS

PLEASE JOIN US! Members of our four Town Teams will lead our popular First Saturday monthly walks along different Trail sections, or explore other trails, winter weather permitting!

- Open to the public. Just show up. Leashed dogs welcome
- Wear sturdy shoes; poles or snowshoes helpful if snow is on the ground
- Check website for possible weather cancellation
- **www.shorelinegreenwaytrail.org**

JANUARY 7, 10AM MADISON at HAMMONASSET STATE PARK We will walk on our Trail under construction in Hammonasset State Park to see the progress since our last walk here. In the winter, we'll have especially good views of the marsh unfettered by leaves on trees. Directions: from I95 exit 62, follow Hammonasset Connector south to the park. After you pass thru the park tollbooths, take the immediate right to campground parking.

FEBRUARY 4, 10AM BRANFORD on PINE ORCHARD LOOP Walk along the section Branford SGT Team hopes to develop next. Parallel to Tilcon Road, we will traverse the short SGT trail to continue onto Totoket Road, crossing over onto Blackstone Avenue and into Young's Park, loop around the Park, returning via the 'Around Branford' Trail. Terrain varies from smooth to rough road surfaces not yet suitable for strollers. Directions: Route 146, turn south on Totoket Road, bear left at "V" golf course on left and ahead on right. First left is Tilcon Road which ends at the western end of the Stony Creek Trolley Trail. Meet in Tilcon parking lot.

MARCH 3, 10AM GUILFORD at EAST RIVER PRESERVE Explore this beautiful public land purchased by the Town in 2009. Details to be announced on our website in February: www.shorelinegreenwaytrail.org.

APRIL 7, 10AM EAST HAVEN to FARM RIVER STATE PARK Hike along the 1200 foot trail thru picturesque woods to an overview of the Bradford Preserve tidal wetlands into Farm River State Park, peaceful pristine. An easy, pleasant walk with one small steep area. Approximately 1.5 miles, about 1½ hours. Directions: Exit 54, I95 South, left off ramp to Route 1 No. Main St. Right onto Rt.1, pass under RR bridge, turn left onto Route 142, go thru Short Beach. Cross Farm River, 4th left onto Mansfield. Grove. 2nd right onto Hoop Pole Lane to DC Moore School. Meet in the second Parking lot past school.

Quotes from CT Department of Public Health (also lists CT Siting Council as a Reference) stating more research should be done in the area of long term Health effects

FACT SHEET

Connecticut Department of Public Health
Environmental and
Occupational Health Assessment
410 Capitol Avenue MS # 11EOH, PO Box 340308
Hartford, CT 06134-0308
(860) 509-7742
http://www.dph.state.ct.us/

Cell Phone Towers and Cell Phones:

Questions and Answers About Safety

Cell phones and cell phone towers send signals using **radio frequency (RF) energy**, or radiation, just like radio, television, pagers and other wireless communication devices. Many people have asked whether the RF energy from cell phones and cell phone towers is safe. This fact sheet provides you with answers to some common questions about RF energy and effects on health.

What Is Radio Frequency Energy?

RF energy is another name for radio waves. Probably the most important use for RF energy is for communication services. Radio and TV broadcasting, cell phones, pagers, cordless phones, and satellite communications are just a few of the many communication uses of RF radiation. A microwave oven is an example of a non-communication use of RF radiation. RF waves are one form of **electromagnetic** energy. Other forms of electromagnetic energy include visible light and X-rays.

Electromagnetic energy can be described in terms of its **frequency**. The frequency is the number of waves emitted each second. Frequency is expressed in **"hertz" (Hz)**. One Hz equals one wave per second. One megahertz (MHz) equals one million waves per second. The frequency of cell phones, cordless phones, and cell phone tower signals ranges between 800 and 2200 MHz. X-rays have much higher frequencies (above 10 million MHz). RF energy has much lower frequency than X-rays, and therefore is not able to cause the type of damage to the body that X-rays can.

What About Health Effects Other Than Thermal Effects and Cancer?

A number of studies have looked into whether exposure to low levels of RF radiation (below levels that would cause thermal effects) is linked with non cancer health effects.

Some scientists have reported links between RF exposure and headaches and changes in brain activity, brain function and sleep patterns. The changes that have been seen are very small and have no clear health significance. More studies are in progress to try to confirm these findings.

Conclusions

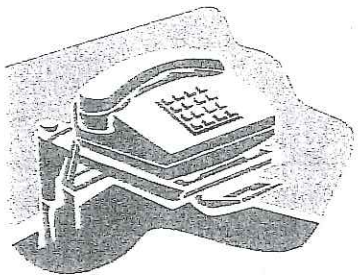
Current scientific research does not provide clear evidence that the low levels of RF radiation from cell phones or cell phone towers increases the risk of cancer or other health effects. RF exposures to cell phone users and to those living near cell phone towers are well below federal safety limits. Research is ongoing to ensure that current safety standards for RF radiation from cell phones and cell phone towers is adequately protective of public health. Some of this research will follow cell phone users for longer periods of time because cancer usually takes a long time to develop.

Although the current scientific information does not indicate the need for individuals to take any special precautions, people who would like to reduce their exposure to RF radiation may choose to limit their use of cell phones or use "hands-free" devices to keep mobile phones away from the head and body.

For More Information:

Connecticut Department of Public Health
Environmental and
Occupational Health Assessment
410 Capitol Avenue, MS# 11CHA
PO Box 340308
Hartford, CT 06134-0308
(860) 509-7742
http://www.dph.state.ct.us/

Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051
Phone: (860) 827-2935
http://www.ct.gov/csc/site
siting.council@po.state.ct.us



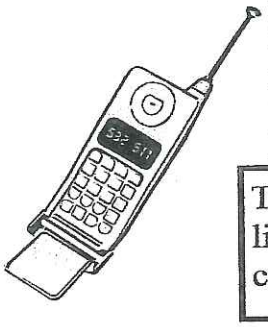
Federal Communications Commission
445 12th Street SW
Washington, DC 20554
1-888-CALL-FCC (1-888-225-5322)
http://www.fcc.gov/

1/2004

(This fact sheet is funded in part by funds from the Comprehensive Environmental Response, Compensation, and Liability Act trust fund through a cooperative agreement with the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services.)

Cell Phones: Are They Safe? Can They Cause Cancer?

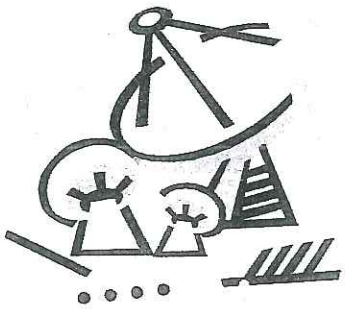
In recent years, cell phones and cancer risks have been widely studied by researchers in the U.S. and abroad. Overall, the evidence does not indicate that cell phones cause cancer. However, there are two studies by the same researcher in Sweden that found suggestive evidence linking cell phone use and brain cancer. These results are not supported by the many more studies that have not found evidence linking cell phone use and cancer. Most scientists agree that it is wise to continue research in this area. This is because most people have not been using cell phones for very long, and cancer usually takes a long time to develop.



There are other cell phone safety issues to consider. Research studies have linked cell phone use while driving to an increased risk of a crash. The safest course is to pull off the road before making or receiving a cell phone call.

Cell Phone Towers: Is There A Health Risk?

There is general agreement in the scientific studies that RF radiation emitted from cell phone tower antennas is far too low to cause health risks as long as people are kept away from the antenna itself. It is important to be aware of the difference between the antenna (the object that produces the RF radiation) and the tower (the structure that the antenna is placed on). It is the *antenna* that people need to keep away from, not the tower. As with all forms of radiation, the strength of the radiation field decreases rapidly as one moves away from the source. Studies that have measured RF fields near cell phone towers show that RF levels are many times below safety standards. At locations where people are likely to spend time (homes or schools), RF levels from cell phone towers will not pose a health risk.



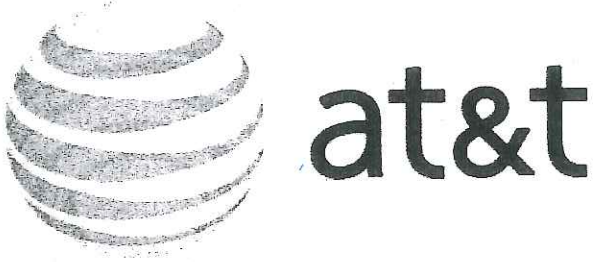
171 Short Beach Rd. tower has more coverage compared to 82 Short Beach Rd.

Radio Frequency Analysis Report

82 Short Beach Road
Branford, CT

&

171 Short Beach Road
East Haven, CT



April 6, 2012

C Squared Systems

C Squared Systems, LLC
65 Dartmouth Drive, A3
Auburn, NH 03032

Phone: (603) 644-2800
Fax: (603) 644-2801
Support@csquaredsystems.com

1. Overview

C Squared Systems was retained by New Cingular Wireless PCS, LLC ("AT&T") to investigate the extent of coverage that could be potentially obtained by constructing one of two proposed wireless communications facilities:

- 82 Short Beach Road, East Haven, CT at 103 feet AGL or
- 171 Short Beach Road, Branford, CT at 120 feet AGL

AT&T is licensed by the FCC to provide wireless communications services throughout the State of Connecticut including the Town of East Haven and the Town of Branford where one of the proposed facilities would be located.

This report addresses AT&T's need for a facility in this area and analyzes two alternative sites proposed to address the coverage gaps in their wireless communications network. C Squared Systems has reviewed and conducted this coverage analysis that confirms AT&T has a gap in reliable service that exists in East H[illegible]

		171 Short Beach Rd (Branford) at 120' AGL	82 Short Beach Rd (East Haven) at 100' AGL
Population Coverage:	"In-Building" (≥ -74 dBm)	4,693	4,083
	"In-Vehicle" (≥ -82 dBm)	4,133	4,316
Area Covered (mi²):	"In-Building" (≥ -74 dBm)	1.82	1.70
	"In-Vehicle" (≥ -82 dBm)	1.67	1.50
Roadway Coverage (mi):	Main:	1.37	0.95
	Secondary:	10.59	9.03
	Total:	11.96	9.98

Table 1: Coverage Statistics[1]

[1] Coverage Statistics are reflect "incremental" or new coverage added, based on the 850 MHz network

is a copy of the Branford Electric Railway Historic District map from the National Register of Historic Places database as well as a map showing the Branford Electric Railway Historic District and the location of the Branford Site and the East Haven Site.

Q13. Identify the boundaries of the Short Beach Historic District. Is this a town, state or nationally recognized district?

A13. *Based on information provided by the Connecticut State Historic Preservation Officer (SHPO), the Short Beach Historic District encompasses an area extending from Route 142 (both sides) south to Long Island Sound, from Clark Avenue east to Glen Street. The District is not currently listed on the National Register of Historic Places, but is recognized by the Connecticut SHPO as being "eligible for listing" on the National Register.*

Q14. Was a 125-foot tower originally proposed at the East Haven site? If so how will coverage be affected by lowering the tower to the proposed 103 feet? Provide a coverage map from this site with a tower height of 125 feet.

A14. *Yes, a 125' tall tower, with a 120' AGL antenna centerline, was originally proposed at the East Haven Site. As demonstrated in the Application, the tower height at the East Haven Site was lowered to 103' AGL in compliance with the SHPO no adverse effect determination for this site. Lowering the height of the tower from 125' (120' antenna centerline height) to 103' (100' antenna centerline height) opens an in-vehicle coverage gap north of Cosey Beach Avenue between Philip Street and Coe Avenue in East Haven and reduces the overall area of in-building coverage in that same vicinity. The reduction in height also increases the size of an in-vehicle coverage gap on Route 142 in Branford and reduces the extent of in-building coverage in that vicinity. Included in Attachment 5 is the propagation plot of the East Haven Site at 125' AGL (120' antenna centerline height).*

Q15. What is the distance and direction to the nearest residence from each proposed tower?

A15. *The nearest residence to the proposed Branford Site is located approximately 210' to the south at 177 Short Beach Road.*

The nearest residence to the proposed East Haven Site is located approximately 105' to the northwest at 90 Short Beach Road.

Q16. How many residences are within 1,000 feet of each tower?

A16. *Approximately 334 residential structures are located within 1,000' of the proposed Branford Site.*

Approximately 115 residential structures are located within 1,000' of the proposed East Haven Site.

Q17. Provide an estimated cost for AT&T's antennas and radio equipment.

A17. *The estimated cost for AT&T's antennas and equipment is approximately $250,000.*

Q18. Provide a "close up" visibility evaluation of the immediate area around each tower using an aerial photograph of the area at a scale of 1 inch = 500 feet (or similar).

A18. *Please see the requested aerial maps included in Attachment 6.*

Past proposal that was turned down because of park

East Haven site has two parks that will be affected

This parcel is located behind an auto body facility. North Atlantic Towers investigated this site and decided not to pursue it due to visibility concerns to the adjacent Short Beach Historic District, an historic district eligible for listing on the National Register and the Branford Electric Railway Historic District, an historic district listed on the National Register.

7. Address: 345 Shore Drive (Orchard House)
Map/Block/Lot: C10/C11 001/00006
Owner: Town of Branford
Zoning District: R-4
Lot Size: Approximately 6.13 Acres

This Town-owned parcel is used for an adult day care facility, a public garden and a dog park. North Atlantic Towers met with the Town regarding use of this parcel, however, after some initial interest, the Town did not continue negotiations. Subsequent to the November 22, 2010 community meeting in the Town of Branford, the Town requested additional information regarding the required height of a facility at this location. This information was provided to the Town on December 13, 2011 with a request that the Town confirm its interest in leasing this property. The Town did not confirm interest.

8. Address: 175 Clark Ave. (Yale Yacht Club)
Map/Block/Lot: B11/000 010/00002
Deed: 200/44
Owner: Yale University
Zoning District: A
Lot Size: Approximately 0.48 Acres

A stealth flagpole installation proposal was rejected by RF.

9. Address: Westwood Road
Map/Block/Lot: B10/012/00015
Owner: Short Beach Association

This parcel is used as a park with spacious open areas. Therefore, it was not considered a suitable site.

The sites listed below were investigated and reviewed at the suggestion of the Town of Branford.

10. Address: 68-88 Burban Drive
Owner: Town of Branford

This parcel is the site of the former Branford Hills Elementary School. The Town requested that the Applicants investigate this location and it was determined that this location is too far from the area intended for service.