



ORIGINAL

STATE OF CONNECTICUT
SITING COUNCIL

Docket No. 438

Cellco Partnership, d/b/a Verizon Application
for Certificate of Environmental
Compatibility and Public Need for the
Construction, Maintenance, and Operation of a
Telecommunications Facility Located at One
of Two Sites: 596 Pendleton Hill Road or 53
Gallup Road, Voluntown, Connecticut

Public Hearing held at the Voluntown
Town Hall, Meeting Room, 115 Main Street,
Voluntown, Connecticut, on July 9, 2013,
beginning at 3:00 p.m.

RECEIVED
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H e l d B e f o r e :

ROBIN STEIN,

Chairman

CONNECTICUT
SITING COUNCIL



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1 A p p e a r a n c e s (Cont'd.):

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3 JAMES J. MURPHY, JR.

4 ROBERT HANNON, DEP Designee

5 LARRY P. LEVESQUE, PURA Designee

6 PHILIP T. ASHTON

7 DR. BARBARA C. BELL,

8 DANIEL P. LYNCH, JR.

9

10 Staff Members:

11 MELANIE BACHMAN, Staff Attorney

12 DAVID MARTIN, Siting Analyst

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21 By: KENNETH C. BALDWIN, ESQ.

22

23

24

25

1 (The following has been
2 transcribed from a compact disc sound
3 recording labeled "CSC Voluntown".)

4
5 3:30 P.M.

6
7 CHAIRMAN ROBIN STEIN: Ladies
8 and gentlemen, and four-legged creatures, I'd
9 like to call to order the meeting of the
10 Connecticut Siting Council, this Tuesday,
11 July 9, 2013, at 3:00 p.m.

12 My name is Robin Stein. I'm
13 Chairman of the Connecticut Siting Council.

14 Other members of the Council
15 present are Senator Murphy, Vice Chairman;
16 Mr. Hannon, designee from the Department of
17 Energy and Environmental Protection; Mr.
18 Levesque, designee from Public Utilities
19 Regulatory Authority; Mr. Ashton; Mr. Lynch
20 and Dr. Bell.

21 Members of the staff present,
22 Melanie Bachman, Acting Executive Director
23 and staff attorney; David Martin, Siting
24 Analyst; Aaron DeMarest, Audio Technician.

25 At some point, the court

1 reporter may show up. However, we have -- we
2 are recording this, and it will be recorded
3 and then we will have a transcript prepared.

4 The hearing is held pursuant
5 to the provisions of Title 16 of the
6 Connecticut General Statutes and of the
7 Uniform Administrative Procedure Act upon an
8 application from Cellco Partnership, d/b/a
9 Verizon, for a certificate of environmental
10 compatibility and public need for the
11 construction, maintenance and operation of a
12 telecommunication facility located at one of
13 two sites; 596 Pendleton Hill Road or 53
14 Gallup Road in Voluntown, Connecticut.

15 Application was received by
16 the Council on May 10, 2013. As a reminder
17 to all, off-the-record communication with a
18 member of the council or council staff upon
19 the merits of this application is prohibited
20 by law.

21 The Applicant is Cellco
22 Partnership, d/b/a Verizon Wireless.
23 Attorney Kenneth Baldwin is their
24 representative.

25 We will proceed in --

1 according to what the prepared agenda, copies
2 of which are available somewhere --

3 A VOICE: On the chair.

4 CHAIRMAN STEIN: -- on the
5 chair. And I guess I'll apologize in advance
6 for the space we have, but it's the only
7 space that was available, I understand.

8 Also available on the chair
9 are copies of the Council's citizen guide to
10 Siting Council procedures. And at the end of
11 this afternoon session, we will recess and
12 resume again at 7:00 p.m. The 7:00 p.m.
13 hearing will be reserved for the public to
14 make brief oral statements into the record.

15 I wish to note for those who
16 are here and for the benefit of your friends
17 and neighbors who are unable to join us for
18 the public comment session that you or they
19 may send written statements to the Council
20 within 30 days of the date hereof; and such
21 written statements will be given the same
22 weight as if spoken at the hearing.

23 A verbatim transcript will be
24 made of this hearing, as I mentioned, and
25 deposited with the Town Clerk's Office in

1 Voluntown for the convenience of the public.

2 Start off -- are there any
3 public officials present who wish to make a
4 comment?

5 Okay. We don't have any
6 motions, do we?

7 (No response.)

8 CHAIRMAN STEIN: No motions.
9 I'd like to call your attention to those
10 items shown on the hearing program marked as
11 Roman Numeral I D items 1 through 55.

12 Does the Applicant have any
13 objection to these items that the Council has
14 administratively noticed?

15 MR. BALDWIN: No,
16 Mr. Chairman.

17 CHAIRMAN STEIN: Thank you.

18 Accordingly, the Council
19 hereby administratively notices these
20 existing documents and statements.

21 Attorney Baldwin, will you
22 present your witness panel for the purpose of
23 taking the oath.

24 MR. KENNETH C. BALDWIN: Thank
25 you, Mr. Chairman.

1 The witness panel we present
2 today for this proceeding is --

3 A VOICE: Sir, your
4 microphone.

5 MR. BALDWIN: The witness
6 panel we presented for you this afternoon is
7 as follows, Mr. Chairman: Sandy Carter, the
8 regulatory manager with Cellco Partnership;
9 Mr. Mark Brauer, the radio frequency engineer
10 with Cellco Partnership; Mr. Doug Drost, who
11 is the Project Engineer. And I should just
12 point out he's -- he is not a professional
13 engineer, but is the project engineer with
14 Centek Engineering, responsible for the
15 Voluntown locations; Mr. Michael Libertine,
16 the Director of Siting and Permitting for
17 All-Points Technology Corporation; and Dean
18 Gustafson, senior wetland scientist and
19 professional soil -- soil scientist with
20 All-Points Technologies Corporation, and I
21 offer them to be sworn at this time.

22

23

24

25

1 S A N D Y M. C A R T E R,
2 M A R K B R A U E R,
3 D O U G D R O S T,
4 M I C H A E L L I B E R T I N E,
5 D E A N G U S T A F S O N,

6 called as witnesses, being first duly
7 sworn, were examined and testified on
8 their oaths as follows:

9 A VOICE: Thank you.

10 MR. BALDWIN: Mr. Chairman, we
11 have seven exhibits that are listed in the
12 hearing program under Roman II, Section B,
13 and I would offer them at this time for
14 identification purposes subject to
15 verification.

16 CHAIRMAN STEIN: Since I don't
17 believe we have anybody to object, will you
18 please go ahead.

19 MR. BALDWIN: If I could ask
20 my witnesses the following questions: Did
21 you prepare or assist in the preparation of
22 the exhibits listed in the hearing program as
23 Numbers 1 through 7?

24 Mr. Gustafson?

25 THE WITNESS (Gustafson): Yes.

1 MR. BALDWIN: Mr. Libertine?

2 THE WITNESS (Libertine): Yes,
3 I did.

4 MR. BALDWIN: Mrs. Carter?

5 THE WITNESS (Carter): Yes, I
6 did.

7 MR. BALDWIN: Mr. Brauer?

8 THE WITNESS (Brauer): Yes, I
9 did.

10 MR. BALDWIN: Mr. Drost.

11 THE WITNESS (Drost): Yes, I
12 did.

13 MR. BALDWIN: And do you have
14 any corrections, modifications or amendments
15 to offer to any of the information contained
16 in those exhibits, Mr. Gustafson?

17 THE WITNESS (Gustafson): No.

18 MR. BALDWIN: Mr. Libertine?

19 THE WITNESS (Libertine): No.

20 MR. BALDWIN: Mrs. Carter?

21 THE WITNESS (Carter): Yes. I
22 have one correction. It's in the application
23 behind Tab 2 on page 1. It's the second
24 paragraph on line number 3. It should read
25 153 feet not 163 feet.

1 A VOICE: Say it a little
2 louder, please.

3 THE WITNESS (Carter): It's
4 behind Tab 2, page 1, second paragraph, third
5 line should read 153 instead of 163 feet.

6 MR. BALDWIN: Any other
7 corrections?

8 THE WITNESS (Carter): No.

9 MR. BALDWIN: Mr. Brauer?

10 THE WITNESS (Brauer): Yes, I
11 have one correction. In the Siting
12 Council -- in the responses to the Siting
13 Council prehearing Interrogatory Set 1, in
14 the response to Question 17 about the AWS
15 frequencies in terms of overall square
16 mileage and the table contained in Question
17 Number 18, there's a discrepancy of 7.1
18 square miles for the AWS frequencies at Site
19 2, and in the table it says 7.6. That should
20 also read 7.1.

21 MR. BALDWIN: Any other
22 corrections, Mr. Brauer?

23 THE WITNESS (Brauer): No, I
24 do not.

25 MR. BALDWIN: Mr. Drost?

1 THE WITNESS (Drost): Yes, I
2 have one correction. In the Siting Council
3 drawings for Site Number 1, the Pendleton
4 Hill site, the title sheet, in the site
5 information box, Note Number 3, for the total
6 access drive length, the correct access drive
7 length is 905 feet off of Pendleton Hill
8 Road.

9 (Pause.)

10 MR. BALDWIN: There are
11 several other areas in the application, Mr.
12 Drost, where the -- the reference to 1,085
13 feet is made. Do you also wish to make that
14 correction throughout the -- the application?

15 THE WITNESS (Drost): Yes.

16 MR. BALDWIN: Thank you. Any
17 other corrections?

18 THE WITNESS (Drost): No.

19 MR. ASHTON: Mr. Baldwin,
20 you're referring to the Applicant's Exhibit
21 1, the original application, and page 1
22 behind tab -- well -- it lists 1,085 feet,
23 and that should be what?

24 MR. BALDWIN: Nine hundred and
25 five feet.

1 MR. ASHTON: Nine oh five.

2 Thank you very much.

3 MR. BALDWIN: There are
4 actually several -- several references on the
5 plans and also in the -- in the narrative
6 portion --

7 MR. ASHTON: Yep.

8 MR. BALDWIN: -- that should
9 all be corrected, Mr. Ashton.

10 CHAIRMAN STEIN: We have a
11 question here from Mr. Levesque.

12 MR. LEVESQUE: Yeah. For
13 Mr. Libertine.

14 A VOICE: Microphone, sir.

15 MR. LEVESQUE: For
16 Mr. Libertine, on your visibility analysis,
17 of course -- it's Section 10.

18 THE WITNESS (Libertine): Oh,
19 thank you. I think I know where we're going.
20 I think one of the maps --

21 MR. LEVESQUE: No, no. The
22 small -- maybe you have another one. The
23 (inaudible) map.

24 THE WITNESS (Libertine): Yes.

25 MR. LEVESQUE: It said -- it's

1 marked as "Connecticut parcel." Did you mean
2 that word?

3 THE WITNESS (Libertine): Oh,
4 yes. I'm sorry. I seem to keep doing that.

5 A VOICE: It's okay.
6 (Inaudible.)

7 THE WITNESS (Libertine):
8 The -- that's a -- a data layer that is
9 maintained by the Connecticut DEP and it's to
10 show the -- the parcel outlines that are in
11 there, so it's just a citing for the source
12 of that particular data layer.

13 MR. LEVESQUE: Okay.

14 THE WITNESS (Libertine):
15 So --

16 MR. LEVESQUE: I mean, they're
17 all Connecticut parcels.

18 THE WITNESS (Libertine): Yes.
19 But that's what the layer is actually called.
20 So we just -- we cite it specifically. But I
21 do believe that one of the maps, now that you
22 mention it -- and I've forgotten to write
23 this down -- I believe one of the maps are
24 actually incorrectly labeled.

25 Actually, the very last map

1 behind Tab 10, the 11 17 for the 53 Gallup
2 Road site is actually labeled Site 1. It
3 should be Site 2, so thank you for bringing
4 that to my attention. Even though we were
5 talking about two different things, that
6 jogged my memory. Again, it's the last of
7 the four maps.

8 MR. BALDWIN: If -- if I could
9 borrow a question, then, from former chair,
10 Mr. Gelson, are those all of the corrections
11 now?

12 THE WITNESS (Libertine): To
13 the best of my knowledge, yes.

14 MR. BALDWIN: Thank you. And
15 is it --

16 CHAIRMAN STEIN: I thought I
17 was supposed to be the one to say that.

18 MR. BALDWIN: I'm sorry,
19 Mr. Chairman. I couldn't pass up the
20 opportunity.

21 And do you adopt the
22 information contained in those exhibits, as
23 corrected and amended, as your testimony
24 today.

25 Mr. Gustafson?

1 THE WITNESS (Gustafson): I

2 do.

3 MR. BALDWIN: Mr. Libertine?

4 THE WITNESS (Libertine): Yes.

5 MR. BALDWIN: Mrs. Carter.

6 THE WITNESS (Carter): Yes.

7 MR. BALDWIN: Mr. Brauer?

8 THE WITNESS (Brauer): Yes, I

9 do.

10 MR. BALDWIN: Mr. Drost?

11 THE WITNESS (Drost): Yes.

12 MR. BALDWIN: I offer them as
13 full exhibits, Mr. Chairman.

14 CHAIRMAN STEIN: Thank you.

15 The exhibits as -- as corrected are admitted.

16 (Exhibits 1 through 7:

17 Admitted into evidence - described in index.)

18 CHAIRMAN STEIN: We'll now go
19 to cross-examination, start with Mr. Martin,
20 staff.

21 MR. MARTIN: Thank you,

22 Mr. Chairman.

23 Would DAS be a viable
24 alternative for the proposed tower in this
25 part of Voluntown?

1 A VOICE: In my opinion,
2 Distributed Antenna Systems, or DAS, would
3 not be a viable alternative for the large
4 area of macrocoverage that we are trying to
5 achieve by these two sites. Because we have
6 such large areas of state forest where
7 there's no infrastructure, there's -- there's
8 simply no -- no possible way to do it.

9 MR. MARTIN: Okay. So the --
10 to set out a DAS system, then, you would need
11 existing infrastructure, such as what,
12 telephone poles or cable systems or --

13 A VOICE: Yes. We would need
14 some sort of pole structure to mount the
15 antennas. We'd also need to be able to
16 connect those back and -- in the vast amounts
17 of state forest that Voluntown has, several
18 of the park and -- park and rec areas, there
19 simply isn't that infrastructure in place.

20 MR. MARTIN: Okay. Thank you.
21 And how would you characterize the visibility
22 of each tower from Route 49, which is, I
23 believe, a scenic road in this area?

24 A VOICE: That's correct.
25 Pendleton Hill Road -- Pendleton Hill Road,

1 which is also state Route 49, is a state
2 scenic road. I did discuss that in the
3 conclusions of the visibility report. But
4 essentially, the -- the sites can both be
5 seen from a common area of approximately --
6 stretch of about a half a mile when you're in
7 front of the cornfields that abut the road --
8 essentially at the height of land that's part
9 of the Gallup Road -- I'm sorry -- the Gallup
10 farm property -- proper.

11 The real distinction is
12 two-fold. One is it -- there's a little bit
13 longer stretch where Site 2, the Gallup Road
14 property, would be visible. It's about
15 another quarter mile which extends basically
16 north to south and kind of expands that --
17 that more or less half mile. That's kind of
18 a common area between the two.

19 And the other distinction is
20 really in the character of those views. Site
21 2, Gallup Road, is about a half-mile from the
22 road, so you're looking at a much longer
23 distance that separates it from your
24 viewpoint, whereas the site at Pendleton Hill
25 Road, Site 1, is just several hundred feet

1 off the road and down a bit, buried in that
2 cornfield. So that's really the two
3 distinctions. But there -- there's a fairly,
4 kind of, common area. And that, essentially,
5 is the vast majority of the public areas
6 where either of those facilities would likely
7 be viewed.

8 MR. MARTIN: Thank you.

9 And would the tower at either
10 site be designed to be extendable?

11 THE WITNESS (Carter): Yes, it
12 would be.

13 MR. MARTIN: Okay. By
14 approximately how much?

15 THE WITNESS (Carter): Twenty
16 feet.

17 MR. MARTIN: Okay. Thank you.
18 And from the proposed tower loading described
19 in this application, I see that Verizon is
20 now deploying AWS antennas. Can you explain
21 how AWS differs from the other frequencies or
22 technologies that Verizon is using, and what
23 does AWS allow Verizon to do that the other
24 technologies do not.

25 A VOICE: Verizon seeks to

1 deploy AWS in areas where it's -- it's more
2 of a capacity need. We have, throughout much
3 of the state, we have approximately 20
4 megahertz in the AWS spectrum which is right
5 around 2.1 gigahertz in -- in the spectrum.
6 So we seek to ready the site, ready all of
7 our sites to deploy that as soon as we need
8 the extra capacity.

9 MR. MARTIN: Does it have any
10 technological advantage, like the LTE?

11 A VOICE: That -- it would
12 be -- it would be on our LTE technology that
13 we would deploy.

14 MR. MARTIN: Okay. So,
15 basically, it just gives you more capacity
16 to --

17 A VOICE: Yes.

18 MR. MARTIN: -- provide --

19 A VOICE: More -- more
20 capacity, more spectrum to use.

21 MR. MARTIN: Okay. And is
22 this frequency used primarily for data versus
23 voice transmission or does it -- is it all
24 sort of considered the same?

25 A VOICE: The -- right now it

1 would be just data transmission.

2 MR. MARTIN: Okay. All right.
3 Thank you.

4 And the ground elevation at
5 Site 2 is approximately 50 feet higher than
6 at Site 1, so why is the tower at Site 2
7 higher than the tower at Site 1?

8 A VOICE: That basically has
9 to do with where the tower sits in the
10 morphology of the surroundings. It's simply
11 that Site 1 had a better -- a little bit
12 better view up and down Route 49 and into
13 some of the -- the outlying areas. So in
14 order to maintain the -- the comparable --
15 the comparable coverage between the two,
16 because the Gallup site had a little bit
17 different view, it had to be a little bit
18 higher. So it has to do with the surrounding
19 morphology versus the site locations.

20 MR. MARTIN: Okay. Thank you.
21 And --

22 A VOICE: Mr. Martin, could
23 I -- I apologize. I misspoke in terms of the
24 answer. I kind of flipped the distances.
25 The Site A is visible along Pendleton Hill

1 Road for approximately a quarter-mile. The
2 Site B is actually an additional half-mile.

3 MR. MARTIN: Oh, okay.

4 A VOICE: I'm sorry. One and
5 two, excuse me. Get -- getting my sites --
6 so I don't mean to confuse the issue, but I
7 just wanted to go on the record that it's
8 essentially Site 2 at Gallup Road would be
9 about a three-quarter mile stretch of the
10 road, where you would have year-round views.
11 At Site 1, that's only a quarter-mile, so the
12 difference is the half-mile. And I apologize
13 for the confusion.

14 MR. MARTIN: Okay. Thank you.

15 And could Site 1 be moved
16 eastward, towards Pendleton Hill Road to
17 shorten its access road and perhaps the
18 height of the tower?

19 THE WITNESS (Carter): In
20 choosing a location for Site Number 1, the
21 property owner wanted us in that location
22 because of his agricultural use of the
23 property.

24 MR. MARTIN: Okay. Thank you.

25 And did you fly a balloon at

1 the sites today, and if so, what were the
2 hours of the flight, what were the weather
3 conditions, and were they conducive to good
4 visibility in the surrounding area?

5 A VOICE: We have been
6 maintaining weather balloons at both
7 locations since shortly before eight o'clock
8 this morning, and we'll keep them up till
9 six.

10 Prior to most of the council
11 members showing up to the site, we had fairly
12 good conditions. Winds were very calm today.
13 It was overcast. It was actually socked in
14 quite a bit this morning, but that did lift
15 so that visibility was a few miles. It did
16 get a little turbulent midday. And then, of
17 course, we had the -- the cell that moved in
18 with the thunder and lightning and the rain
19 which created some problems with downdrafts.

20 We did lose a balloon,
21 actually, as we were leaving at Site 1, which
22 is now since been restored. Overall, I would
23 say we had several hours this morning that
24 were very good for a flow. And if things
25 improve, certainly the winds are down so that

1 they're maintaining their heights well. It's
2 just a matter of visibility on a day like
3 today when we've got, kind of, these storms
4 moving through.

5 MR. MARTIN: Thank you.

6 And to amplify Verizon's
7 response to the Council's Interrogatory
8 Number 3, could you describe what would
9 happen to the cover from these sites if
10 Verizon had to locate its antennas at heights
11 below the proposed height?

12 A VOICE: Yes. When -- when
13 we modeled the sites at 10 feet lower, we
14 began to see small gaps open up on Route 49,
15 as well as a couple of secondary roads along
16 Kinnie and Hodge Pond that began to -- that
17 began to go into areas of -- of worse than
18 our Neg 85.

19 MR. MARTIN: Okay. Thank you.

20 And is there a reason why
21 Verizon would install a diesel generator at
22 Site 1 and a propane generator at Site 2?

23 THE WITNESS (Carter): Yes.
24 We are installing a diesel generator at Site
25 1 since there are no environmental issues.

1 At Site Number 2, because of proximity to
2 wetlands, we are installing the propane
3 generator.

4 MR. MARTIN: Thank you.

5 And in its interrogatory
6 responses, Verizon identified two proposed
7 sites with which its Palmer Pond facility
8 would be interacting, 31F Clarks Falls Road,
9 and 177 Cossaduck Hill Road, both in North
10 Stonington. Would Verizon be submitting
11 future tower share requests to put antennas
12 on these sites?

13 THE WITNESS (Carter): Yes.
14 We are preparing applications shortly to be
15 present to the Siting Council for tower
16 sharing.

17 MR. MARTIN: Okay. Thank you.

18 And just, sort of, a
19 bookkeeping matter. Is the Site at 177
20 Cossaduck Hill Road the same site that the
21 Council certificated in Docket 420 for which
22 we have the address as 350B Cossaduck Hill
23 Road?

24 A VOICE: I believe it is, but
25 we'll have to double-check that.

1 MR. MARTIN: Okay. Yeah.
2 Because it's not uncommon that we get two
3 different addresses for the same site.

4 All right. Thank you.

5 Those are my questions, Mr.
6 Chairman.

7 CHAIRMAN STEIN: Thank you.
8 We'll now go to Senator Murphy.

9 SENATOR MURPHY: Thank you,
10 Mr. Chairman.

11 First off, Mr. Libertine, in
12 posting the signs -- we drove out there in
13 the rain today -- is that gravel drive that
14 we proceeded to Site 2, is that Gallup Hill
15 Road?

16 THE WITNESS (Libertine): Yes,
17 it is. It's partially paved.

18 SENATOR MURPHY: It looks more
19 like a driveway to me but --

20 THE WITNESS (Libertine): Yes,
21 it is. It actually does go through and
22 around and does come back in. And there's a
23 series of roads off of it. It does turn to
24 dirt shortly thereafter.

25 SENATOR MURPHY: So that is

1 the road in front of the location of the
2 tower.

3 THE WITNESS (Libertine):

4 That's correct. That's Gallup Road.

5 SENATOR MURPHY: Okay. On the
6 two sites that Mr. Martin talked about in the
7 applications for tower sharing -- will -- are
8 both of the towers up and running?

9 THE WITNESS (Carter): Yes,
10 they are.

11 SENATOR MURPHY: I know that
12 in one of them in North Stonington you had
13 indicated during the proceedings that you
14 intended to (inaudible), but they're --
15 they're both up and running.

16 THE WITNESS (Carter): Yes.

17 SENATOR MURPHY: Okay.
18 Because I -- I noticed from the -- the maps
19 it indicates that there were locations and
20 not proposed locations in giving the overall
21 coverage. Okay. So they're -- they're both
22 up. And propane -- Mr. Brauer, I take it
23 from your charts and what -- what have you
24 that Site 1 gives you the better coverage?

25 THE WITNESS (Brauer): Yes.

1 Site 1 is the RF preferred location.

2 SENATOR MURPHY: Is the
3 (inaudible) preferred. I assume you ran
4 propagations higher than 150 at the Gallup
5 Road site?

6 THE WITNESS (Brauer): Yes. I
7 actually -- I started out much higher. I
8 think I started out at 160 --

9 SENATOR MURPHY: One sixty.

10 THE WITNESS (Brauer): -- and
11 then began to drop the center lines down to
12 see what our minimum requirements are.

13 SENATOR MURPHY: So 160 was as
14 high as you went there?

15 THE WITNESS (Brauer): Yeah.
16 And I didn't need to go any higher so I --
17 I -- at that point, I began to remove height.

18 SENATOR MURPHY: Okay. So
19 at -- at 160 there was really no benefit for
20 you to go any higher.

21 THE WITNESS (Brauer):
22 Correct.

23 SENATOR MURPHY: Okay. I
24 think that's all I have, Mr. Chairman, at
25 this time. Thank you.

1 CHAIRMAN STEIN: Thank you.

2 Dr. Bell.

3 DR. BARBARA BELL: Thank you,
4 Mr. Chair.

5 Two questions have been asked
6 already about the connecting sites, so I'd
7 just like to widen this up.

8 On Tab 9, there's a list of
9 the sites that are connecting or possibly
10 connecting. So we have five sites. And I
11 would just like somebody to go through and
12 essentially -- you've already given the
13 answers for two of the sites, but if you
14 could just tell me the status of each of
15 those sites right now because there's a lot
16 of mixup. The Wyassup -- the Wyassup or --
17 that one -- is -- is called proposed, not
18 established, operating in about four
19 different places. So skipping that, let's
20 just go right to the chase. For each of
21 these, what is the status of each one?

22 A VOICE: Okay. Number one on
23 that list, the one -- the Crown Castle site,
24 Griswold East, is on air, broadcasting live
25 for Verizon Wireless.

1 The SBA Bailey Pond site,
2 we're currently almost ready to turn that one
3 on. The antennas have been hung. The
4 equipment has been delivered, so it's -- it's
5 probably only a couple of weeks away from
6 activation.

7 The Voluntown site is
8 currently under construction. I don't
9 believe we've put, actually, the antennas up
10 there yet. The -- I think -- I believe the
11 tower will be going up next week.

12 And the -- the last two, the
13 North Stonington East and the Wyassup Lake,
14 our applications will be coming into the
15 Council shortly.

16 DR. BELL: Shortly meaning --
17 well, for --

18 A VOICE: Probably -- probably
19 within one or two months.

20 DR. BELL: For -- for tower
21 shares, yeah. Okay. Thanks.

22 (Pause.)

23 DR. BELL: Mr. Brauer, my
24 question has to do with, just generally, with
25 the cellular and the PCS and the LTE

1 coverages. It seems that the -- it seems
2 that the PCS would be a lesser coverage,
3 whereas the LTE and the cellular should be
4 about the same because we're talking about
5 two different tiers of frequencies. Would --
6 but I'm seeing that they look more or less
7 similar, so I'm curious why that might be.

8 THE WITNESS (Brauer): Well,
9 we are deploying -- the antennas that we're
10 deploying for each of the -- the frequencies,
11 we're trying to use a little bit of a larger
12 antenna. You're -- you're correct, that
13 normally you would see PCS as a smaller
14 footprint.

15 I used a little bit of a
16 larger antenna than we normally do for PCS to
17 try and push the boundaries of that coverage
18 and make them all closer to the same. But
19 each -- each frequency band, if you will, is
20 tailored independently according to our
21 customers' needs. So the -- the footprints
22 shown are how we're designing it to fit
23 within our system.

24 DR. BELL: Okay. And I heard
25 Mr. Martin ask the question about AWS, which

1 I also had, but then I don't quite understand
2 why there were no maps for AWS.

3 THE WITNESS (Brauer): We
4 currently -- we're making the site ready for
5 the AWS equipment frequencies, but we're not
6 currently going to deploy the AWS frequencies
7 in the area. There's no -- there's no
8 capacity need at this point.

9 A VOICE: Is that just for
10 this area or of the entire state?

11 THE WITNESS (Brauer): That's
12 just for this area. In -- in other areas of
13 the state where it's very busy, we are
14 actively deploying the AWS frequencies.

15 DR. BELL: So, in that case,
16 if you were to make an application to us,
17 let's say, hypothetically, you would show the
18 AWS frequencies to give evidence for -- for
19 need, for capacity?

20 Do you see what I'm asking?

21 THE WITNESS (Brauer): I --
22 I'm not quite sure. I apologize. I --

23 DR. BELL: No. I'm -- I'm
24 just saying you're -- I asked why were there
25 no AWS maps on this application and you said

1 because we don't need it here right now. So
2 then -- then you said, well, we're putting
3 AWS up in other sites. And I'm -- where we
4 do need it. But -- so I'm saying, well, the
5 other sites may well be in Hartford or
6 Manchester or someplace where you've already
7 got towers, so you're not going to come to us
8 for an application. But all I'm saying is,
9 if you were to be building a new tower in
10 some place --

11 THE WITNESS (Brauer): Oh.

12 DR. BELL: -- where you needed
13 AWS, would you then be providing AWS maps, in
14 that case, along with your PCS and your LTE
15 and your cellular models?

16 THE WITNESS (Brauer): Yes.
17 My -- my apologies. Yes, we would.

18 DR. BELL: Yep. Okay.
19 Thanks.

20 I think my -- my other
21 questions are for Mr. Gustafson or Mr.
22 Libertine.

23 Oh, no, wait. No, I'm sorry.
24 One more question, Mr. Bauer,
25 for you. Just kind of going back to the big

1 picture, in the -- in comparing the reduced
2 height coverage maps that you provided, the
3 way I describe those is I -- I see -- when
4 you go from the preferred height down, I see
5 slight differences for cellular -- and I'm
6 talking about either Site 1 or Site 2 --
7 slight differences for cellular, pretty much
8 no difference at all for PCS, and slight
9 differences for LTE which are similar to the
10 cell differences. And I'm just wondering if
11 that general picture is a fair
12 characterization?

13 THE WITNESS (Brauer): You are
14 correct. The differences are slight, and the
15 maps provided don't -- excuse me -- don't do
16 a very good job of -- of allowing you to see
17 exactly what's going on. But in my analysis
18 of the reduced height, as I -- as I said
19 previously, the -- we did get small gaps
20 starting to open up on Route 1 -- excuse
21 me -- on Route 49, as well as Kinnie Road and
22 Hodge Pond, which that's characteristic of
23 where -- where we stop, and we'll go back up
24 to the height that covers those areas. It
25 is -- it is a slight difference, yes.

1 DR. BELL: Okay.

2 So now turning to other
3 matters, Mr. Gustafson, in Tab 13, you -- you
4 say if Site 2 were chosen, you would do a
5 vernal -- a vernal pool -- a survey should be
6 done in April to May of next year. So is
7 that something you're prepared to do if Site
8 2 were chosen?

9 THE WITNESS (Gustafson): Yes,
10 yes, we would. And -- and we did follow up
11 with some inspections of that vernal pool
12 later this spring. And for this particular
13 season, the spring was fairly dry, and that
14 vernal pool dried up. And so when we
15 inspected it, there were no obligate vernal
16 pool species within that pool.

17 It does have the physical
18 characteristics to be potentially a vernal
19 pool. But even if it is, I feel that we are
20 sufficiently distant with the proposed
21 construction that, with adequate containment
22 and erosion control measures that we could
23 certainly create a barrier to prevent any
24 migrating amphibians from encountering the
25 (inaudible) construction if it should occur

1 during that critical migration period.

2 DR. BELL: Okay. Thank you.

3 In Tab 14, you have the FEMA
4 maps. And you make the statement that the
5 sites are beyond the 500-year flood zone, or
6 they're in Zone X, which is beyond this
7 500-year flood zone. But we're not seeing
8 Zone X. Right? We're just seeing Zone A?

9 THE WITNESS (Gustafson):

10 That's correct. Zone X is not displayed on
11 FEMA maps. They don't -- it's does not -- it
12 does not show up as a shaded area on the FEMA
13 map. It is depicted as a layer -- is -- as
14 far as outside of the 100-year or 500-year
15 flood.

16 DR. BELL: Okay.

17 THE WITNESS (Gustafson):

18 Areas of minimal flooding is how they defined
19 it.

20 DR. BELL: Okay. Don't --
21 they don't have a hatched mark for the areas
22 that are between the Zone A and B, Zone X?

23 THE WITNESS (Gustafson):

24 That's correct. There's no shading or cross
25 hatching on -- on the FEMA -- the actual FEMA

1 maps or the data layers that are provided
2 by -- by FEMA.

3 DR. BELL: Okay. All right.
4 Thank you.

5 THE WITNESS (Gustafson):
6 You're welcome.

7 DR. BELL: In your prefile
8 testimony about Site 1 in which you deal with
9 the modification -- well -- the DEEP wrote to
10 you and said that you should observe a -- a
11 certain construction time in the wintertime
12 so you didn't bother the turtles. But
13 you're -- you're suggested modification --
14 and I note that we got on the table here a --
15 just now when we came to the meeting, some
16 letters to and from the DEEP. I didn't --
17 I -- I think those are the same letters that
18 we have in the -- in the supplemental or
19 testimony or perhaps the -- it's in the
20 additional material.

21 But, at any rate, I don't
22 think that we've got a final answer from the
23 DEEP. Would that be in -- in these papers
24 that we just got today? Would I be correct
25 on that?

1 THE WITNESS (Gustafson):

2 To -- yeah -- to my knowledge, we have not
3 received a response from DEEP regarding our
4 request for them to consider modification to
5 their seasonal restriction due to red bat and
6 silver haired bat.

7 DR. BELL: I'm sorry. It
8 wasn't the turtles --

9 THE WITNESS (Gustafson): Yep.

10 DR. BELL: --it was the red
11 bats and that turtle --

12 THE WITNESS (Gustafson):
13 Yeah. For eastern --

14 DR. BELL: -- and the silver
15 bat -- I'm sorry.

16 THE WITNESS (Gustafson):
17 That's right. For eastern box turtle we have
18 followed their protocols and -- and provided
19 details for protective measures to be
20 employed during construction that are fairly
21 typical. They've approved it. The Siting
22 Council approved it on -- on previous
23 dockets.

24 But for the -- the two bat
25 species, we did request that they modify the

1 seasonal restriction primarily for two
2 reasons. For Site 1, the -- the habitat --
3 the tree roosting habitat that they reference
4 is not located at that site and would not be
5 disturbed through construction of Site 1.

6 For Site 2, there is the
7 potential that there is roosting habitat for
8 those two bat species. We requested, that if
9 the Council so approves that particular site,
10 that the clearing work be done during the
11 nonseasonal restricted period, such that if
12 the work is -- the clearing is done, the
13 habitat is removed when there's no risk of --
14 of affecting those two species, that if
15 during the fall and construction season, you
16 know, we could proceed -- Verizon could
17 proceed without any seasonal restriction
18 because the habitat has been so removed at
19 that time.

20 And so we proposed those
21 considerations to DEEP and we have not
22 received correspondence from them whether
23 they agree with -- with our conclusions or
24 not.

25 DR. BELL: Okay. First of

1 all, I apologize about -- I understand
2 completely, and I should have referred to the
3 bats. But this is the one I just want to
4 pursue.

5 I'm looking at your prefiled
6 testimony which is -- and it's at the -- the
7 last page of your prefiled testimony which, I
8 guess, is page 2 of the letter to the DEEP.
9 And it's -- under the paragraph that says 596
10 Pendleton Hill Road site -- so that's Site 1.

11 THE WITNESS (Gustafson):
12 Correct.

13 DR. BELL: Then you say, if
14 you feel the seasonal restriction is -- you
15 say there are no trees to be removed, but we
16 respectfully respect you consider the
17 seasonal restriction recommendation.

18 If you feel the seasonal
19 restriction is still necessary for this site,
20 we would suggest that -- blah, blah -- the
21 proposed development limits would be cleared
22 of vegetation between the September to May
23 period to eliminate potential bat roosting
24 habitat so that construction could proceed
25 without seasonal restriction.

1 So we've already agreed that
2 there are no potential trees at Site 1, as
3 you said. So does that mean, if they didn't
4 lift the seasonal restriction, that you would
5 just take down all the vegetation at Site 1?
6 Because there isn't, by definition, any --
7 any big trees that the bats could roost in,
8 so it sounds like you're just proposing, kind
9 of, chopping up all the vegetation.

10 THE WITNESS (Gustafson):
11 Our -- our experience with -- with DEEP
12 regarding rare species is that -- and -- and
13 rightly so -- they take a fairly conservative
14 viewpoint. So what we were trying to
15 describe in -- in this sequencing is that if
16 they -- even if they agree that there wasn't
17 a roosting habitat at that site but maybe
18 they felt there was something nearby and
19 they'd still want the seasonal restriction
20 employed -- say that the Siting Council
21 approves Site 1 in -- in September, but
22 Verizon isn't ready to being -- begin
23 construction until 2014, we would recommend
24 that the clearing work be done between
25 September and May, essentially over the

1 winter, so that when Verizon is ready to
2 begin construction in 2014 it can proceed
3 without restriction for the seasonal
4 restriction.

5 DR. BELL: So what would be
6 the limits -- I guess that gets to the limits
7 of development.

8 THE WITNESS (Gustafson): The
9 clearing limits are -- are depicted on the
10 site plans that are part of the docket.

11 DR. BELL: Okay.

12 THE WITNESS (Gustafson): So
13 that's -- that would be our clearing
14 limits --

15 DR. BELL: Okay.

16 THE WITNESS (Gustafson): --
17 that we would be proposing.

18 DR. BELL: So that would be
19 what -- whatever the line is around the
20 compound and the access roads, and so forth.

21 THE WITNESS (Gustafson):
22 That's correct. Yeah.

23 For Site -- it's exactly
24 correct. It's --

25 DR. BELL: So you'd be

1 clearing in the compound, anyway, and the
2 clearing limits, anyway, and along the access
3 anyway. So -- okay.

4 THE WITNESS (Gustafson): They
5 would be concerned if, you know, if
6 essentially you're working between May and
7 September. Bats -- those rare species could
8 potentially -- roosting in that habitat, so
9 they would want to avoid disturbing the
10 roosting bats during that -- that season,
11 that May to September.

12 But if you -- if you clear the
13 trees out of the way before May even comes
14 around, then there's no potential for
15 adversely affecting that rare species.

16 DR. BELL: And so in that
17 case, since -- since at Site 1 you basically
18 say that there -- there -- well, there are no
19 large trees, you're basically going to
20 clear-cut any vegetation. But you have --
21 but what you're saying is you have to anyway
22 because that's the compound's and that's the
23 normal -- that would be the normal clearing
24 process. It's just when you would do it.
25 Okay.

1 THE WITNESS (Gustafson):

2 Correct.

3 DR. BELL: Okay. Sorry.

4 A VOICE: Dr. Bell, if it's
5 helpful, behind Tab 1 on Sheet C1-a, there
6 are some trees that are shown as being
7 protected, primarily along -- I guess I would
8 call it the northwest side and a larger pine
9 to the south as well. So it gives you a
10 little bit of an idea of that area of -- of
11 development or clearing that might be
12 associated with that. And there are some
13 dimensions on there.

14 DR. BELL: Yeah.

15 A VOICE: So I'm -- I just
16 pointed out that in -- in hopes that it might
17 be a little bit helpful, because I know that
18 it's kind of hard to visualize when we just,
19 you know, raced down there in a pouring
20 rainstorm to try to get an idea of what --
21 you know, what's there and -- and really what
22 the -- the size of it is. But the intent
23 would not be, obviously, to clear-cut but
24 just clear those areas of -- that are
25 proposed for development and obviously to let

1 equipment kind of move in and about as the
2 site is being constructed.

3 DR. BELL: I'm just kind of
4 worried that the trees that you say that
5 you're going to try to protect --

6 A VOICE: Uh-huh.

7 DR. BELL: -- would then be
8 somehow trees that the -- that would be,
9 then, outside the clearing zone, only -- only
10 because you're trying to protect them --

11 A VOICE: Right.

12 DR. BELL: -- even though they
13 technically would be inside. But then the
14 DEEP -- you would be taking down anything
15 that might otherwise be protected because of
16 the DEEP restriction. And it just sounded a
17 little (inaudible) --

18 A VOICE: No, no. That's not
19 the intent at all. And I don't mean to speak
20 for Mr. Gustafson. But on that sheet you'll
21 notice that there are no trees proposed
22 greater than a 6-inch DBH, I believe. So
23 again, I don't think any of those trees would
24 be sufficient for roosting. So the idea was
25 just to -- again, recognizing that DEEP often

1 comes back with a very conservative approach,
2 they may elect to say, look, we'd like to
3 keep that restriction in there. But in this
4 case, I think -- certainly with Site A, it's
5 one of those situations where we don't really
6 propose to be clearing any trees that would
7 be suitable for that habitat in the first
8 place.

9 So I'm not sure that they're
10 going to come back and say no, but in the
11 event they did, we would still at least
12 request could we go in, if that was the site
13 that was selected, and try to do that when
14 the -- the actual --

15 DR. BELL: Yeah.

16 A VOICE: -- species is not
17 utilizing it so that, again, we kind of
18 eliminate that -- that potential. But
19 obviously, we hear what you're saying. We
20 want to protect as many trees as we can in
21 that area.

22 DR. BELL: Okay. I -- I think
23 I've gone over that one. I understand the
24 intention.

25 Mr. Libertine, in your

1 response to Question 22, page 9 at the end,
2 when you mention that you can't see the --
3 the tower from the trail systems in the area,
4 you're referring to all of the trails except
5 the Spur. Right?

6 THE WITNESS (Libertine):

7 Correct.

8 DR. BELL: Okay. We're agreed
9 on that.

10 I think those are my
11 questions.

12 Thank you very much.

13 Thank you, Mr. Chair.

14 CHAIRMAN STEIN: Thank you.

15 Mr. Levesque.

16 MR. LEVESQUE: Mr. Libertine,
17 can you go back to the photo log map --

18 THE WITNESS (Libertine):

19 Sure.

20 MR. LEVESQUE: -- in Section
21 10 for everybody. It's just, you know -- the
22 map before the photo simulations.

23 Your --

24 THE WITNESS (Libertine):

25 Excuse me.

1 MR. LEVESQUE: -- your photo
2 .5, is -- did you use a certain side -- side
3 of the road for that?

4 THE WITNESS (Libertine): Let
5 me just double-check. Normally what we try
6 to do, because I believe in that location
7 we're seeing both. Primarily, what I try to
8 do in that case is stay in, essentially, in
9 the middle of the road.

10 This is -- because we had two
11 sites -- and in this case -- this is kind of
12 a unique situation -- there were several
13 common views. So what I was trying to do was
14 portray, essentially, if someone was driving
15 by, an opportunity to see each, you know,
16 from a common location, so generally,
17 standing in the middle of the road for that
18 particular shot.

19 MR. LEVESQUE: Well, they'd be
20 pretty similar anyway --

21 THE WITNESS (Libertine):
22 Absolutely. Again --

23 MR. LEVESQUE: -- in that
24 spot.

25 THE WITNESS (Libertine):

1 Right.

2 MR. LEVESQUE: And for Site
3 Number 1, that -- can you state it for
4 everybody that -- which -- which proposed
5 site shows more from that viewpoint.

6 THE WITNESS (Libertine):
7 From -- for the Location 5?

8 MR. LEVESQUE: Number 1.

9 THE WITNESS (Libertine): Oh,
10 I'm sorry. From Number 1.

11 Primarily, you're looking at
12 Site 2. Let me just verify. I don't believe
13 you can see Site 1 from that particular
14 location. No, you can't.

15 That's the -- again, what --
16 what -- one of the things I tried to show
17 here, Viewpoint 1 is the northern extent
18 along Route 49 where Site 2 would be visible.

19 If you were to turn your
20 perspective, you're reviewing Site 2 now.
21 You're kind of looking towards the southeast.
22 If you were to turn southwest -- if you
23 remember driving up to the site, there's a
24 fairly -- very dense of block of forest.
25 That's state forest land there. Obviously,

1 there's a lot of deciduous trees in there,
2 but the mast is so thick that you really
3 don't have an opportunity to see Site 1 until
4 you've really gotten almost to the southern
5 extent of that particular grove of forest.

6 So, again, this is really to
7 depict the northern extent of the visibility
8 along 49 for Site 2 in this case. Site 1
9 would not be visible from photo location 1.

10 MR. LEVESQUE: And how about
11 your photo point Number 11?

12 THE WITNESS (Libertine):
13 Photo -- right --

14 MR. LEVESQUE: How does that
15 compare for Site 1 and Site 2?

16 THE WITNESS (Libertine):
17 What -- again, Photo 11 was the southern
18 extent now of the visibility associated with
19 Site 2 and the Gallup Road site. And again,
20 because of the -- mostly the heavily --
21 heavily treed roadside along the west side of
22 the road, and there's some intervening
23 properties there as well. That they've
24 maintained all their trees, you don't have an
25 opportunity to see through the mass even in

1 the wintertime. So it's again -- I would
2 say -- I would -- I would characterize View 1
3 in 11 as the extent of the visibility along
4 Route 49 for Site 2, Gallup Road.

5 We tried to do something
6 similar for Site 1. Essentially, if you were
7 to take Viewpoint 2 on the northern portion
8 of the -- kind of the extent of year-round
9 visibilty associated with Route -- with Site
10 1 and then Photo Number 6, which is generally
11 about the southern extent -- actually, if you
12 were at the intersection, you don't really
13 see Site 1 from the intersection. But if you
14 just go a little bit north, it's starts to
15 come into view essentially in front of the
16 sawmill itself. So that's what I was trying
17 to do with those photographs, to try to frame
18 that, so that at least you get an
19 understanding of the characteristics
20 associated with that view, again, along Route
21 49.

22 MR. LEVESQUE: And how about
23 those several houses in the Rachel Lane
24 subdivision?

25 THE WITNESS (Libertine):

1 Which of them --

2 MR. LEVESQUE: Do any of them
3 have any views of either site?

4 THE WITNESS (Libertine): No,
5 they will not. We actually did our work with
6 the balloon floats in February, in the dead
7 of winter. So we had a very good opportunity
8 to take a look at what the seasonal
9 opportunities might be there.

10 Our initial mapping did show
11 that down towards the terminus of that cul de
12 sac that there might be some views, but we
13 could not see anything from the road. And
14 being able to look -- you know, obviously,
15 you couldn't go onto the private property,
16 but kind of looking off at angles behind
17 folks' yards, there's just a sufficient
18 amount of tree cover and it -- that drops
19 quite a bit in elevation over in that area so
20 that you've just got too much intervening
21 tree mast even in the wintertime. So we
22 will -- we do not anticipate any views from
23 that road at all or from the properties
24 alongside it.

25 MR. LEVESQUE: Okay. Thank

1 you very much.

2 THE WITNESS (Libertine):

3 You're very welcome.

4 CHAIRMAN STEIN: Thank you.

5 Mr. Hannon.

6 MR. HANNON: I have a couple
7 of questions.

8 One of the comments is that
9 the proposed Palmer Pond Facility will
10 provide for improved wireless service to
11 significant portions of the Patchogue State
12 Forest. Is there one site over the other, as
13 far as providing more reliable service to the
14 state forest?

15 (Pause.)

16 A VOICE: It's a -- it's a
17 little difficult to tell because the -- the
18 state forest is so expansive in the area, but
19 I believe Site 2 would have a slight
20 advantage over Site 1.

21 MR. HANNON: Okay. Because
22 in -- in looking at some of the maps, it
23 looks as though there's a portion of the area
24 where it's east of 49 but south of 138 -- and
25 I think it was at 165 --

1 A VOICE: Yeah.

2 MR. HANNON: -- that that area
3 looks like it's picked up with Site 1, but it
4 is not picked up with Site 2. And then some
5 of the other areas, I guess in North
6 Stonington and over in Griswold, there are
7 some areas there that aren't picked up by
8 either site. So what I saw, at least as far
9 as an area that would have, maybe, additional
10 coverage, which you currently don't have, was
11 really more from Site 1. That's why I'm just
12 wondering if you had any information on that.

13 A VOICE: I don't have
14 anything specific other than looking at the
15 maps. And in my opinion, it's -- it's fairly
16 close. I mean, you -- you add one from one
17 area, you take away from another but you add
18 something else. It's -- it's fairly close.

19 MR. HANNON: Yeah. Okay.

20 You're proposing generators at
21 both sites. I have a different question on
22 generators this time. Well, yeah. I'm kind
23 of confused about the language in here when
24 you say you need to get a permit from the air
25 program, because I would have assumed these

1 would have been covered under Permit-by-Rule,
2 3b. So I'm not sure why there's language in
3 here stating that you need an air permit.

4 A VOICE: If -- if I may, Mr.
5 Chairman, it is the Permit-by-Rule Program
6 that -- that these generators are registered
7 under.

8 MR. HANNON: Okay. I just
9 wanted to make sure that we're talking about
10 the same thing. Thank you.

11 A VOICE: We'll -- we'll
12 double-check that reference. Thank you.

13 MR. HANNON: And this is a
14 question on the generators. With the propane
15 unit, it -- it talks about the water pump
16 flow and the coolant flow, but yet, I don't
17 see anything on that with the diesel, so is
18 the diesel air cooled or is it water cooled
19 also?

20 A VOICE: Just -- just to be
21 clear, we're looking at the generator
22 specifications (inaudible)?

23 MR. HANNON: Yes. I mean,
24 both cooling systems are listed as closed,
25 which I fully understand. But where the one

1 with the propane talks about the water pump,
2 flow, things of that nature, but there's no
3 such language with the diesel. So I was just
4 wondering if that was more of an air coolant
5 system.

6 A VOICE: That would be water
7 cooled.

8 MR. HANNON: Okay. Because I
9 don't see anything in there referencing the
10 water (inaudible) that -- and then the other
11 question is, you know, what's the possibility
12 of -- of trying to deal again with sort of
13 one generator at a site. Is that a
14 possibility at this site or not?

15 A VOICE: There's only one
16 carrier.

17 A VOICE: (Inaudible.)

18 A VOICE: So far.

19 A VOICE: So far.

20 THE WITNESS (Carter): On the
21 generator issue, as you know, Verizon
22 Wireless installs permitted generators at
23 each site. Right now, at this site, there
24 has been no interest shown or indicated to us
25 by any other carrier --

1 A VOICE: Okay.

2 THE WITNESS (Carter): -- so
3 it's very hard for us to gauge generator
4 size, as we just don't at this point.
5 There's always a possibility. But without
6 any knowledge of any other carrier, we will
7 size it for ourselves.

8 MR. HANNON: Okay. But then
9 it is -- I guess in the design that this
10 tower could handle multiple carriers.
11 Correct?

12 THE WITNESS (Carter): Yes.

13 MR. HANNON: Okay. I have
14 nothing else.

15 CHAIRMAN STEIN: Mr. Ashton.

16 MR. ASHTON: Thank you.

17 I guess, just to be sure we're
18 not going here -- just to be sure -- Mr.
19 Brauer, you're arguing that your preference
20 is Site 1, the Pendleton Hill Road site, from
21 an RF standpoint.

22 THE WITNESS (Brauer): That is
23 correct.

24 MR. ASHTON: And Mr.
25 Libertine, you fall into that from a --

1 THE WITNESS (Brauer): I think
2 overall --

3 MR. ASHTON: -- because you
4 had -- okay.

5 THE WITNESS (Brauer): Yeah.
6 I would agree with that.

7 MR. ASHTON: On Site 2, as we
8 walked in there, I noticed it dropped off
9 very sharply. And if you did do any messing
10 around in there, you're going to have a lot
11 of filling or -- you're going to need
12 support. One of you, any thought to pulling
13 that closer to the road so that it -- and I'm
14 not sure who to look at, Mr. Drost or Mr.
15 Gustafson. Who -- who gets that question?

16 Sandy, you --

17 A VOICE: The boss.

18 THE WITNESS (Carter): We
19 could pull it closer to the road. The reason
20 that we kind of tucked it into that location
21 was to kind of keep it more removed from --
22 from the road. But there would be --

23 MR. ASHTON: Yea. But the --

24 THE WITNESS (Carter): -- no
25 reason why we could not.

1 MR. ASHTON: But that -- if
2 you bring it, not very far, if you bring it,
3 it should cut down the -- the civil work
4 there, shouldn't it?

5 THE WITNESS (Carter): It --
6 it should, yes.

7 MR. ASHTON: Okay. I'd like
8 to hear a little bit about the pros and cons
9 of propane -- of propane versus diesel. If I
10 understand your figures correctly, you're
11 going to have more on backup capability,
12 timewise, with propane than you would with
13 diesel. So that it's -- you've got to be
14 careful when you compare a diesel fuel
15 machines versus a propane fuel machine.
16 You've got the same duration of fuel.

17 Anybody?

18 Sandy, you wanting in on that
19 one again? I didn't realize you were so
20 multifaceted.

21 THE WITNESS (Carter): Well,
22 basically, Verizon deploys the emergency-use
23 generators as diesel generators. The only
24 time we use propane generators is
25 basically -- is if we're at a water tank

1 location where you have water or if we're in
2 proximity to wetland or sensitive area.

3 MR. ASHTON: Right. I
4 understand why that certainly would run your
5 choice. But also, why do you feel diesel is
6 better than propane -- pardon me -- diesel
7 fuel -- diesel oil fuel is better than
8 propane?

9 THE WITNESS (Carter): I -- I
10 don't know that I feel that way. It's just
11 been the policy of Verizon Wireless to locate
12 generators with diesel fuel --

13 MR. ASHTON: Okay. But you
14 don't know really what drives the policy. Is
15 that fair to say?

16 THE WITNESS (Carter): Yes.

17 MR. ASHTON: Okay. I'm not
18 going to do it.

19 Just so I'm -- just so I'm
20 clear, both sites would be served by
21 underground utilities. Is that correct?

22 I can pick on you now?

23 A VOICE: That's correct.

24 MR. ASHTON: Okay. And just
25 to avoid any confusion, on the Pendleton Hill

1 Road site, the utility line is on the east
2 side of the road. Would that underground go
3 from the pole on the east side of the road,
4 or are we proposing one of these lovely
5 little slack span creations, put a -- set a
6 pole on the west side and go underground from
7 that point?

8 A VOICE: Those types of
9 decisions are -- are usually considered by
10 the utility companies.

11 MR. ASHTON: You've got to
12 keep your voice -- we've got this fan over
13 here. It's hurting our hearing. Danny is
14 particularly getting old and deaf.

15 MR. DANIEL P. LYNCH: Deaf but
16 not old.

17 A VOICE: Utility companies
18 generally dictate whether they --

19 MR. ASHTON: Well, a --

20 A VOICE: -- want to set a
21 pole on -- on another side of the road or go
22 underground from the opposite side.

23 MR. ASHTON: I -- I bristle a
24 little bit at the word "dictate." It's been
25 my experience in the industry that you can go

1 underground across a public road, as they go
2 along with sewer, water, gas, et cetera.
3 Would you agree with that?

4 A VOICE: Yes. I would agree
5 with that.

6 MR. ASHTON: Okay. So the
7 underground could start at ground zero and go
8 across.

9 A VOICE: Yes. That's
10 correct.

11 MR. ASHTON: Okay. I don't
12 have anything else. Thank you very much.
13 Danny?

14 CHAIRMAN STEIN: Mr. Lynch.

15 MR. LYNCH: Ms. Carter, just
16 to put one more nail on the propane tank
17 coffin -- this happened to me. This is why
18 I'm asking the question.

19 I noticed, in your diagram C2
20 for Site 2, that the tank is on a concrete
21 slab.

22 THE WITNESS (Carter): Correct.

23 MR. LYNCH: And do you have
24 to, in addition, chain that -- put a chain
25 fence around that -- or a fence around that

1 tank?

2 I ask because it happened to
3 me with the City of Hartford, not to mention
4 any names, you know, that -- the compound was
5 enclosed by a fence, but they made us put a
6 fence around the propane tank. Has the town
7 made any comment on that at all?

8 THE WITNESS (Carter): No, it
9 has not.

10 MR. LYNCH: All right.

11 A VOICE: You want to take
12 this?

13 A VOICE: Yeah. I'm not aware
14 of any specific code issues requiring a fence
15 around a tank where it's inside of a larger
16 fence. I do know that there's setbacks to
17 structures and (inaudible) --

18 MR. LYNCH: That -- that --
19 yeah -- that too, yeah. I'm aware. I just
20 asked because it came up another time.

21 Mr. Brauer, Mr. Martin asked
22 you about the gas system. Is -- is --
23 have -- is that system in itself have to also
24 use line of sight to be efficient?

25 THE WITNESS (Brauer): Yeah.

1 DES even more so because of its -- its low
2 power. You're talking about, you know, only
3 one or two watt amplifiers usually on a -- on
4 a node. So you're -- you're very limited
5 when -- in terms of passing through, let's
6 say, trees or any kind -- any type of
7 morphology.

8 MR. LYNCH: Now, I'm going to
9 take you back to the thrilling days of
10 yesteryear. "The Lone Ranger" came out last
11 week. I had to use that line.

12 Twenty years ago we started
13 doing this, or Mr. (inaudible) no it's --
14 it's longer, but it was all about coverage.
15 Now, as we move forward into the 21st
16 century -- I just want to get this on the
17 record -- I think you've testified to it
18 before, and you did earlier with the AWS,
19 that it's all about capacity and bringing
20 data into your system.

21 Is that -- am I not -- am I
22 being correct here or --

23 THE WITNESS (Brauer): Yeah.

24 MR. LYNCH: -- Mr. --

25 (inaudible) is that fair to say?

1 THE WITNESS (Brauer): Yes, it
2 is.

3 MR. LYNCH: All right. Thank
4 you. And the -- my last question, Ms.
5 Carter, has to do -- I'm venting on this one
6 so bear with me -- how aggressively do you
7 pursue getting an additional carrier on
8 the -- the tower?

9 And I ask this because, of
10 late -- you've probably heard me say this
11 before too -- a lot of the carriers, you're
12 all doing the same thing. You all have
13 capacity. You're all bringing in new data,
14 so you have new antennas, new systems. And
15 of late, some of the carriers have been
16 skipping the initial hearing and coming in
17 later and saying, oh, we have to go up 20
18 feet on the pole or 30 feet on the pole, and
19 skipping the whole hearing process by coming
20 to us late. And by late, I mean, not even
21 before the tower is even built will they come
22 in and ask for an -- you know, a petition to
23 go up higher on the pole.

24 So my question is, how
25 aggressively do you really pursue getting

1 other carriers?

2 And I apologize for venting.

3 THE WITNESS (Carter): That's
4 okay.

5 Through Mr. Baldwin, we
6 contact each carrier and ask them directly.
7 We notify them about the -- the proposed
8 tower, and we ask them if they are interested
9 in collocating on the tower. So we do
10 contact each one of them. I don't know --

11 MR. LYNCH: Is there ever any
12 follow-up as we get closer to a hearing?

13 Do -- you know, and I ask this
14 one because I'm -- I'm to a point now where I
15 may start saying no to extensions, but that's
16 just a voice crying in the wilderness.

17 THE WITNESS (Carter): Well, I
18 know that, initially, we contact the carriers
19 directly. And then, I know, perhaps sooner
20 or closer to the hearing, the Council itself
21 contacts each carrier directly.

22 A VOICE: That's -- that's
23 correct. Yeah.

24 THE WITNESS (Carter): And we,
25 so far with this application, we've had no

1 takers.

2 MR. BALDWIN: One of -- one of
3 the problems, if I could add, one of the
4 problems that we've found when we make those
5 contacts, though, is -- is -- it may not be
6 something that's on that other carrier's
7 radar screen at this time. They -- they may
8 be focusing somewhere else in the state, or
9 at some other location, or in some other
10 area. I think the same is probably true for
11 Verizon when -- when we get those same calls.

12 So it -- it -- I'm not sure
13 it's so much a strategy as it is a timing
14 perspective -- at least -- at least in --
15 in -- as -- as we've seen it. It's -- it's
16 something in an area we may not be focusing
17 on at a particular time.

18 MR. LYNCH: Yeah. I
19 understand that, Mr. Baldwin. I appreciate
20 it. The -- but I -- I look at your marketing
21 side, when you go into any Verizon store or
22 AT&T store, they're telling you one thing,
23 and you guys come before us, you know,
24 building the backbone of the network, and
25 they don't always agree.

1 MR. BALDWIN: No. It's a --
2 it's a fair point. It's certainly a fair
3 point.

4 MR. LYNCH: Thank you very
5 much. That's my question, Mr. Chairman.

6 CHAIRMAN STEIN: Go ahead.
7 Just ask what you want.

8 A VOICE: Well, actually I
9 was -- that also is an issue of concern to me
10 and I was just -- follow up. If this is
11 built, how many other carriers could -- could
12 collocate?

13 THE WITNESS (Carter): It is
14 proposed as a four carrier pole with a
15 20-foot extension (inaudible).

16 A VOICE: Right. I'm -- I'm
17 wondering -- and maybe this is something that
18 the Council and Council staff is -- is to
19 look at all the -- the tower share
20 applications we have and sort of the timing
21 of them and try to -- try to figure out what
22 is -- what is happening. And I'm also
23 wondering whether through -- do I dare -- GIS
24 system, whether you could even develop at
25 least on some knowledge as to whether, for

1 example, another carrier is deficient -- has
2 deficient coverage in this area. And even if
3 it's not, you know, part of their immediate
4 plan, sooner or later if they want to meet
5 their marketing goals, they're going to have
6 to, you know, collocate.

7 I mean, we -- we do have, you
8 know, every -- every meeting we have --
9 almost every meeting we have a request for
10 tower share. And, you know, we go to a
11 hearing and we approve something, at whatever
12 it is, 130 feet or 150 feet, and we have all
13 the visibility analysis at that, and 20 feet
14 can make a difference.

15 So I guess this is just
16 something that I think maybe the Council has
17 to -- we have to discuss and talk to staff
18 about how we can look at this because it's
19 another concern.

20 I -- I'm sure it's in here
21 somewhere, but the Town -- any interest in
22 the Town using this for public safety?

23 THE WITNESS (Carter): We have
24 offered free space to emergency services on
25 the tower. I believe the town does have

1 interest in it. And also, the Quinebaug
2 Emergency Services have also expressed an
3 interest on collocating on the tower.

4 A VOICE: Do we have that --
5 anything in writing as part of the --

6 THE WITNESS (Carter): No.
7 They just indicated to us that they're
8 interested by phone.

9 A VOICE: And I guess my last
10 question, which is -- is if there's a
11 consensus on your team for Site 1, why do we
12 even have Site 2 before us?

13 THE WITNESS (Carter): We have
14 been looking at this site for several years.
15 And it was kind of the policy in the past to
16 come to the Council with two -- you know, two
17 sites, a primary and an alternative. And in
18 the past we've even come forward with three
19 sites. However, that policy has changed.
20 This is a holdover since it's an older site,
21 so that is the reason you see Site 1 and Site
22 2.

23 A VOICE: But Site 2 is
24 acceptable, from your standpoint, as a -- as
25 an alternative if, for whatever reason, the

1 Council were to --

2 THE WITNESS (Carter): Yes.
3 In -- in order for it to be part of the
4 application, and it's passed the due
5 diligence that we perform at each site. But
6 as indicated by other members of the panel,
7 Site 1 is the preferred site.

8 A VOICE: As I'm sure you're
9 aware, and we've found out in other areas,
10 when two sites are proposed, that makes
11 sometimes for a challenging dynamic at -- in
12 communities, so ...

13 THE WITNESS (Carter): We will
14 come forward with one site only in the
15 future.

16 A VOICE: I believe Senator
17 Murphy had a question.

18 SENATOR MURPHY: This is kind
19 of a follow-up to what something Mr. Anderson
20 started in on.

21 The underground, if you have
22 to go from one side of the road underground,
23 on 49, it depends how the road is -- I
24 understand it is a state road. Do you run
25 into the same problem you ran into in

1 Winchester, where you had problems going --
2 bringing -- bringing in electricity and there
3 wasn't backup for some time.

4 A VOICE: The problem we ran
5 into in Winchester was that -- that Route 44
6 was a limited access highway designation.
7 That's not the case with Route 49. So, no, I
8 don't think we'll have the same problem. And
9 the power company who would ultimately own
10 the line has the right to use the public
11 right-of-way. So I don't think we'll have
12 that problem at all.

13 SENATOR MURPHY: So the -- the
14 DOT -- excuse me -- considerations here are
15 quite different than they were in the
16 Winchester --

17 A VOICE: Quite -- quite
18 different. And if we have our way, we'll
19 never run into that problem again.

20 SENATOR MURPHY: Well, that
21 would be nice to hear. Okay. Thank you very
22 much.

23 Thank you, Mr. Chairman.

24 CHAIRMAN STEIN: Mr. Martin.

25 MR. MARTIN: Thank you, Mr.

1 Chairman.

2 Mr. Brauer, you talked about
3 how you tailor, I believe it was the PCS
4 frequency to give your -- give that frequency
5 a bigger footprint. How do you tailor these
6 sites? You adjust the number of channels
7 that you use, the power per channel, things
8 like that?

9 THE WITNESS (Brauer): Not --
10 not so much that -- because usually the --
11 the radio equipment has a fixed output per
12 channel, more in the fact that -- in the RF
13 engineering's arsenal, there is a wide
14 variety of antenna types and choices out
15 there to use. And we can -- and by tailoring
16 that, I mean, different beam widths,
17 different tilt options. We recently also
18 started to use remote radio heads for our LTE
19 services. So each piece of that, we can
20 tailor to exactly what -- as close as
21 possible to our customer needs.

22 MR. MARTIN: So when you are
23 tailoring a site, are you interested in wider
24 coverage or greater capacity, or is it sort
25 of a combination of both?

1 THE WITNESS (Brauer): It can
2 be both or either. If we're in an area like
3 this, where it's more coverage base, we'll
4 take a look at maybe an antenna that's a
5 little bit wider, maybe not as much gain, or
6 in trying to get up and down Route 49, like I
7 said, with the PCS services, trying for a
8 little bit larger antenna that has a little
9 bit more gain to push the coverage a little
10 bit farther. Sometimes when we do that,
11 though, we do run into a little bit of
12 problems with our -- our licensing, and
13 that's the -- the EPR that we're -- that
14 we're allowed to broadcast. So our options
15 are a little bit -- a little bit more diverse
16 with PCS than they are with cellular. But
17 that's -- that's basically what we do is we
18 try to tailor each one.

19 MR. MARTIN: I believe I've
20 asked this question at previous public
21 hearings. I don't know if it was to you
22 directly, but perhaps there's another RF
23 engineer, but how close are we to reaching
24 the point where the capacity you have
25 available does not -- is not adequate for the

1 demand you have for the services?

2 THE WITNESS (Brauer): In --
3 in a few areas we are running very close
4 to -- to reaching capacity, which is why in
5 the busier areas the -- the core, your
6 Stamfords, your New Havens, your Hartfords,
7 your Springfields, were deploying our AWS
8 frequencies as well.

9 So as we start to reach those,
10 the technology continues to evolve. But it
11 seems as though, as soon as we start to reach
12 that -- that point, something else comes
13 along, either Verizon gets a new set of
14 frequencies, or the technology changes a
15 little bit to increase capacity. But we
16 have -- we have come close in a few
17 scenarios.

18 MR. MARTIN: So it's basically
19 a race between technology and demand.

20 THE WITNESS (Brauer): Yes, it
21 is.

22 MR. MARTIN: All right. Thank
23 you very much.

24 CHAIRMAN STEIN: Mr. Hannon.

25 MR. HANNON: I just have one

1 follow-up question which is tying in with the
2 underground utilities. I'm looking at, under
3 Tab 1, a map, C6. There's a detail in here
4 for electrical -- typical electrical, and I'm
5 assuming telephone trans detail. The 30-inch
6 cover, is -- is that something that's
7 required or is that just sort of a general
8 detail?

9 A VOICE: I believe that that
10 is the code requirement cover.

11 MR. HANNON: Okay. So then
12 this entire line, wherever it's picked up
13 from the existing line, would at least have a
14 minimum of the 30 inches of cover, might be
15 even deeper under the road itself if you had
16 to --

17 A VOICE: That's correct.

18 MR. HANNON: -- acquiesce
19 there. Okay. Thank you. That was it.

20 CHAIRMAN STEIN: Thank you.

21 The -- we will recess now and continue at 7
22 p.m. for the public comment portion of the --
23 the hearing. So thank you.

24 (Whereupon, the witnesses were
25 excused and a recess was taken.)

1 7:00 P.M.

2
3 CHAIRMAN STEIN: Good evening,
4 ladies and gentlemen. Thank you for coming.
5 I'd like to call to order this meeting of the
6 Siting Council today, Tuesday, July 9, 2013,
7 at 7 p.m.

8 My name is Robin Stein. I'm
9 chairman of the Siting Council. Other
10 members of the Council are Senator Murphy,
11 Vice Chairman; Mr. Levesque, designee from
12 the Public Utilities regulatory authority;
13 Mr. Ashton and Dr. Bell.

14 Members of the staff present
15 are Melanie Bachman who's our acting
16 executive director and staff attorney; and
17 David Martin, our Siting Analyst; and Aaron
18 DeMarest who's our audio technician.

19 A VOICE: (Inaudible) speak up
20 please.

21 CHAIRMAN STEIN: I will give
22 it a try, sir.

23 This is a continuation of a
24 public -- this is a continuation of a public
25 hearing that began at 3 p.m. this afternoon.

1 Copies of the hearing program and counsel --
2 the citizen guide to Siting Council
3 procedures are available on the table.

4 The hearing is held pursuant
5 to provisions of Title 16 of the Connecticut
6 General Statutes and of the Uniform
7 Administrative Procedure Act upon an
8 application from Cellco Partnership, d/b/a
9 Verizon, for a certificate of environmental
10 compatibility and public need for the
11 construction, maintenance, and operation of a
12 telecommunication facilities located at one
13 of two sites, 596 Pendleton Hill Road or 53
14 Gallup Road in Voluntown -- town,
15 Connecticut.

16 This application was received
17 by the Council on May 10, 2013. This
18 application is also governed by the
19 Telecommunication Act of 1996 which is
20 administered by the Federal Communications
21 Commission. This Act prohibits this Council
22 from considering the health effects of radio
23 frequency emissions on human health and
24 wildlife to the extent that emissions from
25 towers are within the federal acceptable safe

1 limit standard, which standard is also
2 followed by the State of Connecticut
3 Department of Health.

4 The Federal Act also prohibits
5 this Council from discriminating between and
6 amongst providers of functionally equivalent
7 services. This means that if one carrier
8 already provides service for an area, other
9 carriers have the right to compete and
10 provide service to the same area.

11 The Applicant published notice
12 of the filing of this application to the
13 Council in the Norwich Bulletin on May 6th
14 and May 7th of this year.

15 The Council's legal notice of
16 the day, time of this hearing was published
17 in the Norwich Bulletin on June 7, 2013.

18 Upon this Council's request,
19 the applicant erected signs at both proposed
20 locations so as to inform the public of the
21 name of the applicant, type of facility, the
22 hearing date and location, and contact
23 information for the Council.

24 This afternoon members of the
25 Council staff and public personally conducted

1 field review of both proposed sites in order
2 to observe firsthand the potential -- effects
3 of the proposal.

4 The hearing session tonight
5 has been reserved for the public to make sure
6 its statements got into the record. These
7 public statements are not subject to
8 questions from the parties or the Council.
9 And members of the public making statements
10 may not ask questions of parties or Council.
11 These statements will become part of the
12 record for Council deliberation.

13 A sign-up sheet is available.
14 It's on the table for those -- we have
15 several people who already signed up who wish
16 to participate. A reminder to all,
17 off-the-record communication with a member of
18 the Council or a member of the Council's
19 staff upon the merits of this application is
20 prohibited by law.

21 I also want to note for those
22 who are here and for the benefit of your
23 friends and neighbors who are unable to join
24 us for the public comment session, that you
25 or they may send written statements to the

1 Council within 30 days of today, and such
2 written statements will be given the same
3 weight as if spoken at the hearing.

4 We ask each person making a
5 public statement in the proceeding to confine
6 his or her statements to the subject matter
7 before the Council and to avoid unnecessary
8 repetitions so we may -- may hear all of the
9 concerns you and your neighbors may have.

10 Again, be advised that the
11 Council cannot answer questions from the
12 public about the proposal at this time.

13 A verbatim transcript will be
14 made of this hearing and deposited at the --
15 Voluntown's -- the town clerk's office for
16 the convenience of the public.

17 Before calling on the members
18 of the public to make a statement, I'd like
19 to ask the Applicant to make a brief
20 presentation describing the facility location
21 and alternatives that may have been
22 investigated.

23 MR. BALDWIN: Thank you, Mr.
24 Chairman. Good evening, everybody. My name
25 is Ken Baldwin. I'm a lawyer with Robinson &

1 Cole out of Hartford. And we represent
2 Verizon Wireless in this application.

3 I'm here tonight with several
4 members of our development team, including
5 Sandy Carter and Mark Brauer, who are with
6 Verizon Wireless, consulting engineers,
7 environmental consultants, and real estate
8 folks are -- are all with us tonight.

9 This is an application that
10 Verizon Wireless filed back on May 10th with
11 the Connecticut Siting Council for -- as the
12 Chairman stated -- a certificate of
13 enviromental compatibility and public need.

14 The application proposes the
15 location of a telecommunications facility as
16 one of two locations, the first at 596
17 Pendleton Hill Road, the second is at 53
18 Gallup Road.

19 The Pendleton Hill Road
20 location, this is 30-acre parcel owned by Mr.
21 Gallup. For those -- obviously you're
22 familiar with the area. The sawmill is
23 located approximately here in the
24 southeasterly corner of the parcel. The cell
25 site is located in the northerly portion of

1 the parcel and would be accessed via an
2 existing farm path, if you will, at this
3 point. But it would be improved to a gravel
4 access driveway which would extend along the
5 side of the cornfield, to the rear portion --
6 no -- to the northerly portion of this
7 parcel. Oops.

8 At the cell site location,
9 Verizon Wireless has leased a
10 100-foot-by-100-foot area and would build
11 within that 100-foot-by-100-foot an
12 approximately 50-foot-by-50-foot compound --
13 the tower is proposed to be located in the
14 center of the compound, and Verizon would
15 install a 12-foot-by-30-foot equipment
16 shelter which would house its radio equipment
17 and an emergency backup generator inside the
18 building.

19 The tower at the Pendleton
20 Hill Road location is proposed to be 130-feet
21 tall. There was a balloon flown out at the
22 site this afternoon at that height. The top
23 of the antennas at this facility would extend
24 about three feet above the top of the tower
25 to an overall height of 133 feet.

1 The second alternative
2 location, as I mentioned, is on a 260-acre
3 parcel known as 53 Gallup Road. This is the
4 main Gallup Farm proper or a significant
5 portion of the Gallup Farm proper. And the
6 location proposed is way out here in the
7 southeasterly corner of that parcel, adjacent
8 to state forest and additional land of the
9 Gallups.

10 Similar to the Pendleton Hill
11 Road site, the tower compound would be
12 located within a large 100-foot by --
13 100-by-100-foot leased area, smaller --
14 approximately 50-feet-by-50-foot compound
15 area, tower located in the center of that
16 compound area. And an equipment shelter for
17 Verizon Wireless' equipment which would
18 include equipment and a backup generator
19 would be located in the corner of the
20 compound area.

21 In -- in this instance,
22 Verizon is proposing a propane generator as
23 opposed to a diesel generator across the
24 street. And we would also be installing a
25 1000-gallon propane tank.

1 You'll notice on this plan,
2 there's -- there's some dashed lines in here
3 that say future equipment. The tower is
4 constructed to be shared by other carriers.
5 And -- and more importantly, in this case, we
6 have requests already from the towns and
7 the -- the regional emergency service folks
8 that they would like to share this tower due
9 to their coverage needs in the area.

10 This is a typical schematic of
11 what the monopole towers look like. At the
12 Gallup Road cell site, the tower is proposed
13 to be 150 feet tall, 20 feet taller than at
14 the 596 Pendleton Hill Road site. And as you
15 can see, again, provisions are made for the
16 tower to be shared by as many as four
17 carriers. Verizon Wireless located at the
18 top, with its antennas, again, standing --
19 extending about 3 feet above the top of the
20 tower.

21 Access to the Gallup Road site
22 would extend directly from Gallup Road, a
23 distance of about 80 to 85 feet to the south
24 side compound, so fairly close to Gallup
25 Road.

1 Those are the basics of what
2 we're here to talk about tonight. I'll turn
3 it back over to the Chairman.

4 Thank you.

5 CHAIRMAN STEIN: Thank you
6 very much. I'll now call on those who have
7 signed up. And appreciate it if you use the
8 mic, and also, if you'd spell your last name
9 to make sure we have it for the transcript.

10 The first person on our list
11 is Robert Iovino.

12 ROBERT IOVINO: I just need to
13 ask one question before I go on. I just want
14 to understand the rules that the, you know,
15 the board has in place. So we are not
16 allowed to voice our concerns, as far as for
17 health reasons. Did I understand that
18 correctly?

19 CHAIRMAN STEIN: You can --
20 you can voice your concerns, but we are --
21 and have courts have upruled -- have -- have
22 ruled on this throughout the United States --
23 bound by that Federal Telecommunication Act
24 of 1996, which sets limits on the radio
25 frequency. As long as the proposal is within

1 those limits -- and that's also the State of
2 Connecticut standards -- they meet the health
3 requirements. So we have people talking
4 about -- concerns about this, but
5 unfortunately or fortunately, we're bound by
6 the those standards.

7 So to spend a lot of time
8 talking about health issues is -- you know,
9 I'm not going to -- other than asking
10 everybody to be brief, I'm not going to --
11 not going to prevent you from doing that.
12 But I want to make it clear that these are
13 standards that have been set by the federal
14 and state government and --

15 ROBERT IOVINO: I -- I
16 understand what you're saying now. And I
17 understand that. And with full respect, I
18 will say this. It's the same standards that
19 our government said when they said asbestos
20 was great and we used asbestos back in the,
21 you know, the sixties, seventies. And now we
22 know that it's caused cancer and everything
23 else.

24 The same thing with tobacco.
25 The tobacco industries have been through

1 this. Okay. Tobacco is great. You had
2 the -- the Marlboro man on his horse,
3 enticing our children and making it look like
4 it was cool. Well, you know what? These
5 cell towers do cause cancer.

6 There's -- there's -- Doctor
7 Teo who is an Australian doctor, he's a --
8 he's in the top 16 brain surgeons in the
9 world, and he's concluded that these cell
10 towers do cause cancer.

11 Now, the closer you are to the
12 cell tower, of course, it's going to be
13 further -- it's going -- it's going to create
14 more cancer. Okay. But pancreatic cancer,
15 breast cancer, lung cancer, throat cancer,
16 have all -- have all been diagnosed and
17 attributed to these cell towers.

18 The other things that happen
19 is your property values, it's shown to go
20 down when you look across the country where
21 these towers have been placed. Okay. Here
22 in Voluntown, I'll speak for myself. I'll
23 let everybody else speak for them. But since
24 the economy itself crashed, okay, the market
25 value of our homes tanked. You put this cell

1 tower here -- I'm right on Rachel Lane. I'm
2 at 10 Rachel Lane, and I'll spell my last
3 name. It's I-o-v-i-n-o. Okay. This is
4 going to even hurt us even further if we
5 decided to try and, you know, sell our home
6 in the future.

7 Voluntown, what attracted my
8 family here -- my wife has been through two
9 cancer surgeries. What brought us here is we
10 wanted to get away from the city, come to a
11 community where you got away from, you know,
12 things as these towers and everything else
13 that you had with them within the cities.
14 Okay.

15 But now, the scenic route of
16 49, which is labeled a scenic route, is no
17 longer going to be a scenic route. They're
18 going to have this eyesore. And that's what
19 it's going to be. It's going to be a
20 133-foot eyesore. And if I heard correctly
21 at today's meeting, you know, you can do an
22 additional 20 feet on top of that. So if I
23 understood that correctly, it could turn out
24 to be 153 foot.

25 The EMFs that are omitted from

1 that tower, and the EMRs, electromagnetic
2 radiation, is and will cause medical issues
3 for those of us -- us that live in a one-mile
4 square radius. Okay.

5 And what it will do to the
6 wildlife that's been proven across the
7 country. Take a look at the midwest and take
8 a look at other countries. Where they've
9 been placed, they have loss. Earlier today
10 you talked about the -- the red bats and the
11 silver bats and having to deal with the bats
12 and -- and the animals that we have to
13 protect. That's why Voluntown is what it is.
14 We don't disturb them. That is our
15 community. And I ask that this application
16 be denied.

17 There is only one person that
18 has anything to gain out of this. It is Mr.
19 Gallup. And I don't know the gentleman. I
20 have nothing against the gentleman. But for
21 the rest of us, and especially those that
22 live in the direct vicinity, please consider
23 this as an ill application.

24 Thank you very much.

25 CHAIRMAN STEIN: Thank you.

1 The next speaker, Courtland
2 Kinnie.

3 MR. COURTLAND KINNIE:
4 Greetings, Mr. Chairman, members of the
5 Connecticut Siting Council, staff.

6 I -- I listened to your
7 earlier meeting today. And just for a couple
8 items for clarification, you spoke about your
9 handoff site that would be in North
10 Stonington -- the applicant did -- at 177
11 Cossaduck Hill Road. That -- that location
12 is actually 350B Cossaduck Hill Road, and
13 that was Docket Number 420. That tower is an
14 SBA tower. It's 190-foot monopole. It's
15 located -- it's actually Route 201, state
16 Route 201.

17 The Bailey Pond tower is also
18 an SBA tower. The other towers, two of them,
19 I believe, are Sprint towers. But also along
20 201, there's another SBA tower. It's located
21 at 2172 Glasgow Road. I do have maps that
22 are from this application. I would like to
23 submit them to the Council.

24 I do realize that the
25 Council's job is to limit proliferation of --

1 of cell towers, so I do believe that there is
2 a preferable site between these two. And
3 basing -- basing that on location and
4 potential future development, I would say
5 that Site 2 is the more favorable, being more
6 remote. And also, in testimony that was
7 given earlier today at the meeting,
8 representatives of the Applicant said that
9 Site 2 could be moved closer to Gallup Road,
10 therefore having less of an impact on the
11 environment. And I would understand that to
12 be removing it further from that potential
13 vernal pool.

14 As technology improves, it
15 seems like the cell tower distances diminish.
16 So therefore, it would behoove the Applicant,
17 as well as the Council, to look at existing
18 towers in the region. The existing tower at
19 2172, I will be the first to admit, that is
20 on my property. It has been there since the
21 1990s. Currently, there are two providers on
22 that tower. It is Sprint and T-Mobile.

23 The SBA tower that was just
24 built in North Stonington at 350B Cossaduck
25 Hill Road, AT&T, I believe, was a

1 coapplicant. They are going to locate, as
2 far as I know, at the top position. The
3 other towers, I'm not -- not going to go
4 into.

5 But as technology improves,
6 these -- the radius diminishes, but they
7 should be looking at other towers that exist.
8 And the best spot to put this tower would be
9 Site 2, looking at potential future use.

10 And that's all I have to say
11 in regards to this. Thank you for your
12 attention.

13 CHAIRMAN STEIN: Thank you.
14 Michael St. Pierre.

15 MR. MICHAEL ST. PIERRE: If I
16 may? Thank you.

17 Thank you for the opportunity
18 to speak. My last name is spelled S-t,
19 space, P-i-e-r-r-e.

20 Me and my family, we live at
21 676 Pendleton Hill Road which is, according
22 to your map, if you add 2,000 feet to it, I'm
23 3,000 feet from the Site 1 tower location at
24 the bottom of the hill, between Site 1 and
25 Rachel Lane, set back in the woods.

1 I came up here tonight just to
2 look, and I put my name on the list in case I
3 wanted to speak. And after seeing Site 1's
4 map, I decided I needed to speak. I wasn't
5 sure where the tower was going or what it
6 would entail.

7 A few of my concerns for Site
8 1 are, number one, the construction process,
9 runoff, debris. It was mentioned that it
10 would be powered by a diesel backup
11 generator, so there would be a diesel tank
12 nearby. That corner where the tower is going
13 on cell one is surrounded by state forest.
14 And what that map doesn't show is the slope.
15 And right below that is all wetlands, Kinne
16 Valley, Kinne Brook, trout fishing -- my
17 family fishes down there -- deer, barn owls.

18 If any of that diesel was to
19 just leak, spill, get shot by a hunter --
20 because that whole area is surrounded by
21 people. It sounds like a war zone out there
22 some -- some Novembers, people chasing the
23 bucks -- if that was to leak and go
24 unmonitored for a day or two days, in a heavy
25 rainstorm, it would all drain into Kinne

1 Valley and pollute all that wetlands down
2 there and all that pristine state forest.

3 The other thing -- I didn't
4 see the balloon floating up there. And I
5 took a drive up there this afternoon to check
6 the sign again to make sure I didn't miss
7 this meeting. I didn't see a balloon flying
8 at 130 feet. I might have missed it. Maybe
9 it was up for an hour or so. It would have
10 been a good idea to leave the ballon up,
11 maybe, for like a week or so tethered so
12 everybody could see it.

13 My last and final problem with
14 Site 1 is the view. I can't tell you how
15 many times we've driven up there and driven
16 through Gallup field, and me and my daughter
17 have stopped to take pictures and just to
18 gawk at the sunsets. Because where that road
19 sits and where the tell sower -- cell tower
20 sits and what's immediately beyond it is the
21 western view and the setting sun.

22 Site Number 2, I'm not really
23 sure where that is in relation to the farm.
24 I don't have a problem with Site 2. The only
25 thing I would think that would bother me

1 would be runoff, again, construction debris.

2 I noticed on Site 1's map
3 there was a riprap fence up. Construction
4 sites always put these riprap fences up.
5 They're junk. They always fail. There's
6 always runoff. There's always construction
7 debris. There's always stuff blowing into
8 the woods.

9 That's about all I have to say
10 now. Thank you for your time, everybody.

11 CHAIRMAN STEIN: That's all I
12 have on the list.

13 Is there anybody else who
14 would like to speak who hasn't spoken.

15 MR. BYRON GALLUP: No. I
16 didn't sign in, but my name is Mr. Gallup.

17 CHAIRMAN STEIN: Can you
18 take -- take the -- could you take the mic
19 please, sir.

20 MR. GALLUP: My name is Byron
21 Gallup of the Gallups. And before we gave
22 the okay to Verizon who came to us looking
23 for these sites, once we found out what was
24 entailed, we did extensive research on our
25 animals. Your health problem, well, the

1 animals are my living, and I wouldn't have
2 given the okay if I thought it would harm
3 them in any way or our income in any way.
4 And -- and we did an -- our research with
5 Tufts University. Our veterinarians come
6 from there. And we were given the okay there
7 would be no problem with any health issues
8 with our herd of cows, and the cows are our
9 living.

10 I don't know how long you've
11 lived in Voluntown. We've been here since
12 1671. That's all I --

13 CHAIRMAN STEIN: Just address
14 our -- okay.

15 Thank you.

16 Anyone else who hasn't spoken?

17 MR. COOL: I'd like to say
18 something. My name is (inaudible) Cool.

19 CHAIRMAN STEIN: Could you
20 please come up and spell your last name so
21 make sure we have it.

22 MR. COOL: It's Cool, like the
23 weather.

24 CHAIRMAN STEIN: Okay.

25 MR. COOL: I'm kind of taken

1 by surprise by all of this. And I'm
2 relatively -- my wife and I relatively new
3 residents here in Voluntown, the last six
4 years, and so forth.

5 But I think there's -- there's
6 one element we're kind of missing here. And
7 first of all, I certainly respect the job you
8 guys have to do. You have to come into these
9 communities here and have to determine how
10 these folks are going to live for the rest of
11 their lives. And that's not an easy decision
12 to make. And -- and that's the point I
13 wanted to bring up.

14 Regardless of the cows,
15 regardless of even some of the health issues,
16 that that -- what is decided here in the next
17 30 days or so is going to not just affect us,
18 and -- and us including me, you know, we're
19 probably not going to be around here 20 years
20 down the road, or we'll certainly be doing
21 other things. But it's going to affect
22 generations of people to come, that -- that
23 we need -- we have a responsibility to look
24 out for in any community that we're in.
25 Whether it's a cell tower or a -- a reservoir

1 or whatever we're doing here, and I haven't
2 heard any evidence of that. You know, how
3 long this thing goes forward.

4 I mean, as new technology
5 comes upon us, which it will, you know, who
6 knows. You know, in -- in 20 years we might
7 be doing this all by satellite, what happens
8 to the cell towers?

9 And oh, by the way, who -- who
10 goes around and monitors whatever is emanated
11 from those towers so that you know that it's
12 within the spectrum of the good health?

13 I -- I don't know if there's
14 an agency that does that. Like the one
15 gentleman said, you know, sometimes these
16 agencies start off with good intentions, but
17 we end up -- excuse the metaphor -- but
18 puking on our shoes. And I just don't want
19 to see that happen in this community. So
20 thank you for allowing me to speak.

21 CHAIRMAN STEIN: Thank you.

22 Anybody else?

23 (Pause.)

24 CHAIRMAN STEIN: Okay. Before
25 closing this hearing, the Siting Council

1 announces that -- that briefs and proposed
2 findings of fact may be filed with the
3 Council no later than August 8, 2013.

4 Anyone, again, who desires to make his or her
5 views known to the Council may file written
6 statements with the Council within 30 days of
7 today.

8 The Council will then issue
9 draft findings of fact, and thereafter,
10 parties may identify any errors or
11 inconsistencies between the Council's draft
12 findings of fact and the record.

13 Again, copies of the
14 transcript of the hearing will be filed with
15 the Voluntown Town Clerk's Office. And I
16 hereby declare this hearing adjourned.

17 Thank you all for your
18 participation.

19 (End of compact disc sound
20 recording labeled "CSC Voluntown'.)

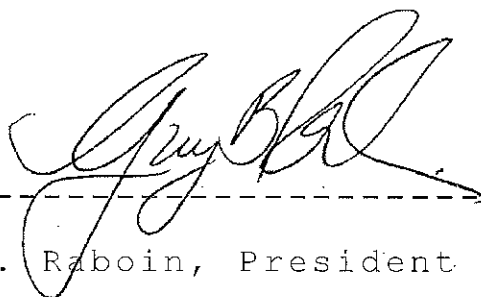
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1 CERTIFICATE

2 I hereby certify that the foregoing 99
3 pages are a complete and accurate
4 transcription of a compact disc sound
5 recording labeled "CSC Voluntown" in Re:
6 DOCKET NO. 438, CELLCO PARTNERSHIP d/b/a
7 VERIZON APPLICATION FOR CERTIFICATE OF
8 ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED
9 FOR THE CONSTRUCTION, MAINTENANCE, AND
OPERATION OF A TELECOMMUNICATIONS FACILITY,
LOCATED AT ONE OF TWO SITES: 596 PENDLETON
HILL ROAD OR 53 GALLUP ROAD, VOLUNTOWN,
CONNECTICUT, held before ROBIN STEIN,
Chairman, at the Town Hall Meeting Room, 115
Main Street, Voluntown, Connecticut, on
July 9, 2013.

10 I further certify that the compact disc
11 sound recording was transcribed by employees
12 of the word processing department of United
13 Reporters, Inc., under my direction.

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1 I N D E X

2 WITNESSES SANDY CARTER

3 MARK BRAUER

4 DOUG DROST

5 MICHAEL LIBERTINE

6 DEAN GUSTAFSON Page 8

7 EXAMINATION

8 Mr. Baldwin Page 8

9 Mr. Martin Page 15

10 EXHIBITS

(Admitted in evidence.)

11 EXHIBIT	DESCRIPTION	PAGE
12 1	Application for a Certificate of Environmental Compatibility and Public Need filed by Cellico Partnership, received May 10, 2013, and attachments and bulk file attachments including:	15
15 a.	Voluntown Zoning Regulations, received May 10, 2013	
16 b.	Voluntown Plan of Development, received May 10, 2013	
17 c.	Voluntown Inland Wetlands and Watercourses Regulations, received 18 May 10, 2013	
19 d	Technical Report, dated February 6, 20 2013	
21 2	Affidavit of Publication, received May 16, 2013	15
22 3	Notification pursuant to C.G.S. § 16-501(e), dated 23 May 30, 2013	15

25

EXHIBIT	I N D E X (Cont'd.):	DESCRIPTION	PAGE
1			
2	4	Responses to Council	15
3		Interrogatories, dated June 20, 2013	
4	5	Sign Posting Affidavit received	15
5		June 25, 2013	
6	6	Supplemental Environmental	15
7		Information, dated July 1, 2013	
8	7	Determination from Deputy State	15
9		Historic Preservation Officer, dated June 21, 2013	
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