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2	STATE OF CONNECTICUT
3	CONNECTICUT SITING COUNCIL
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5	DOCKET NUMBER 517: Application from MCM Holdings, LLC For a Certificate of Environmental Compatibility and Public
6	Need for the Construction, Maintenance, and Operation of a Telecommunications Facility Located at the Boy Scouts of
7	America Camp Hoyt, 288 Simpaug Turnpike (Parcel No. 12-29), Redding, Connecticut.
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9	PUBLIC EVIDENTIARY HEARING HELD VIA ZOOM VIDEOCONFERENCING JANUARY 23, 2024
11	AT 2:00 PM
12	HELD BEFORE:
13 14 15 16 17 18 19 20 21 22 23	John Morissette - Member and Presiding Officer Brian Golembiewski - Designee for Commissioner Katie Dykes, Department of Energy and Environmental Protection Quat Nguyen - Designee for Chairman Marissa Paslick Gillett, Public Utilities Regulatory Authority Robert Silvestri Dr. Thomas J. Near, Ph.D. Melanie Bachman, Esq Executive Director/Staff Attorney Robert Mercier - Siting Analyst Lisa Fontaine - Fiscal Administrative Officer Dakota Lafountain - Siting Council Clerk Typist
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<ul><li>24</li><li>25</li></ul>	

1	APPEARANCES
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3	APPLICANT, MCM Holdings, LLC: Lucia Chiocchio, Esq Cuddy & Feder, LLP
4	Daniel Patrick, Esq Cuddy & Feder, LLP Witnesses:
5	Virginia King, Project Manager, MCM Holdings, Inc. Jason Mead, P.E., Structural Engineering Department
6	Manager, All Points Technology Corporation P.C. Matt Gustafson, Environmental Scientist, All Points
7	Technology Corporation P.C. Brian Gaudet, Project Manager, All Points Technology Corporation P.C.
9	INTERVENOR, Cellco Partnership d/b/a Verizon Wireless: Kenneth C. Baldwin, Esq Robinson & Cole, LLP
10	Emily Deans, Esq Robinson & Cole, LLP Witnesses:
11   12	Shiva Gadasu, Radio Frequency Engineer, Verizon Wireless Elizabeth Glidden, Real Estate/Regulatory Specialist, Verizon Wireless
13 14 15	GROUPED RESIDENT INTERVENORS: Dorothy DeLuca JoAnn Villamizar Danielle Caldwell Tim Keyes
16	GROUPED BUSINESS INTERVENORS: Ann Taylor - New Pond Farm Education Center
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(The hearing commenced at 2:00 p.m.)

MR. MORISSETTE: Good afternoon, ladies and gentlemen.

Can everyone hear he me okay? Good thank you. This

continued evidentiary session is called to order this

Tuesday, January 23rd at 2:30 -- January 23rd, 2024 at 2:00

p.m. My name is John Morissette, member and Presiding Officer

of the Connecticut Siting Council. If you haven't done so

already, I ask that everyone please mute their computer audio

and/or telephones now, thank you.

A copy of the prepared agenda is available on the Council's Docket Number 517 web page along with the record in this matter, the public hearing notice, instructions for public access to this public hearing, and the Council's Citizen's Guide to Siting Council's Procedures.

Other members of the Council are Mr. Silvestri,
Mr. Nguyen, Mr. Golembiewski, Dr. Near, and Mr. Lynch.
Members of the staff are Executive Director Melanie Bachman,
Siting Analyst Robert Mercier, and Administrative Support
Lisa Fontaine and Dakota LaFountain.

This Evidentiary Session is a continuation of the Public Hearing that was held on November 30, 2023. It is held pursuant to provisions of Title 16 of the Connecticut General Statutes and of the Uniform Administrative Procedure Act upon an application from MCM Holdings, LLC for a Certificate of

Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications facility located at the Boy Scouts of America Camp Hoyt, at 288 Simpaug Turnpike, which is Parcel Number 12-29 in Redding, Connecticut.

A verbatim transcript will be made available of this hearing and deposited with the Redding's Town Clerk's Office for the convenience of the public. The Council will take a 10 to 15 minute break at a convenient juncture around 3:30 p.m.

We will now continue with the appearance of Verizon
Wireless in accordance with the Council's December 1st, 2023,
Continued Evidentiary Hearing Memo. We will begin with the
appearance of the intervenor, Verizon Wireless, to verify the
new exhibits marked as Roman numerals 3 items B7 and 10 on
the hearing program.

Attorney Baldwin or Attorney Deans, please begin by identifying the new exhibits you have filed in this matter and verifying these exhibits by the appropriate sworn witnesses.

ATTORNEY DEANS: Thank you. Cellco has four additional exhibits today, which are identified as items 7 through 10 in Section 3B of the hearing program. Oh, I'm sorry, Exhibits 12 through -- oh, 7 through 10, sorry about that.

7 through 10 in Section 3B of the hearing program, and I will

1 ask our witnesses, Shiva Gadasu and Liz Glidden a series of 2 questions to verify the exhibits. Did you prepare or assist in the preparation of or are 3 4 you familiar with the information in the exhibits identified? 5 MR. GADASU: Shiva Gadasu, yes. 6 MS. GLIDDEN: Liz Glidden, yes. 7 ATTORNEY DEANS: And do you have any updates or corrections to the identified exhibits? 8 9 MR. GADASU: No. 10 MS. GLIDDEN: No. 11 ATTORNEY DEANS: Is the information contained in the 12 identified exhibits true and accurate to the best of your 13 belief? 14 MR. GADASU: Yes. 15 MS. GLIDDEN: Yes. 16 ATTORNEY DEANS: And do you adopt these exhibits as your 17 testimony? 18 MR. GADASU: Yes. 19 MS. GLIDDEN: I do. 20 ATTORNEY DEANS: Thank you. We'd like to present them as full exhibits. 21 22 Thank you. Does any party or MR. MORISSETTE: 23 intervenor object to the admission of Verizon's new exhibits? Attorney Chiocchio or Attorney Patrick? 24 25 ATTORNEY CHIOCCHIO: Thank you. No objection.

- MR. MORISSETTE: Thank you, Attorney Chiocchio. Does the Grouped Resident Intervenors, JoAnn Villamizer, have any objections?
  - MS. VILLAMIZAR: No objection.

- MR. MORISSETTE: Thank you. And Grouped Business

  Intervenors, Dino Trevisani? Dino Trevisani, are you with us
  this afternoon? Hearing none, the exhibits are hereby
  admitted.
- MR. MORISSETTE: I will remind the witnesses that you are under oath. We were -- you were sworn in at the end of the last hearing. With that, we will begin with cross-examination of Verizon by the Council starting with Mr. Mercier, followed by Mr. Silvestri. Mr. Mercier, good afternoon.
- MR. MERCIER: Good afternoon, thank you. I would like to begin -- I just have a quick question for Verizon on Council interrogatory response number 7, that is question Number 7, the response. It states -85dBm RSRP for in-vehicle coverage and -95dBm RSRP for in-building coverage. Are those two values transposed?
- MR. GADASU: This is Shiva Gadasu. I'm sorry about that. Yes, they are -- they are swapped. -85 is for in-building coverage and -95 should be for in-vehicle coverage. Sorry about that.
- MR. MERCIER: Okay, thank you. I'm now going to turn to

the coverage plots that were provided in the application. It was attachment 1 of the application, and I'll just look at the first plot, which is -- it says, existing Verizon Wireless 700 megahertz coverage.

MR. GADASU: All right. We have it.

MR. MERCIER: Okay, yeah, thank you. Down at the bottom you have the blue shaded, which is identified as in-building as we just talked about -85 and the in-vehicle was -95, excuse me.

MR. GADASU: That is correct.

MR. MERCIER: Now, when you establish these thresholds, what is the basis for them? Is -- is there a certain percent of reliability you're trying to obtain with in-building, and -85 would be the minimum threshold for that?

MR. GADASU: Yes, so -- so given, you know, given the, you know, the general materials of the buildings as structures, you know, we -- we as Verizon think that -85 RSRP is the lowest we need to get building penetration.

MR. MERCIER: Okay. But what's the call quality? Is it 99 percent of the time it would penetrate a building, like, what's the parameter you're using to establish that value?

MR. GADASU: I mean -- I mean, I cannot say, you know, what percentage but, you know, based on -- based on the materials we have used in the past and used for, you know, for construction and the team from Verizon determines, you

know, is this threshold, is the best we need to get in-building penetration.

MR. MERCIER: Okay. Now, with that, would these values be the same throughout Connecticut or just in this region?

MR. GADASU: Through nationwide -- it's nationwide.

MR. MERCIER: Thank you.

MR. MORISSETTE: As a reminder to all, please state your names before you respond. Thank you.

MR. MERCIER: Now, remaining with the coverage plot here, we have the blue areas and the green areas, and then there's the unshaded area. Is there some type of service within the unshaded area that -- that could be usable if you're outside or maybe in your car for a short stretch how -- how do you --

MR. GADASU: I'm sorry to interrupt. This is Shiva

Gadasu. So, yeah, the answer -- the reason, mainly, you

know, it doesn't -- it doesn't mean that we don't have

service. We still provide service but it is -95, or, no,

it's less than -95, so, you know, at least we don't

categorize reliable service to maintain -- to maintain a call

or get continuous, you know, data.

MR. MERCIER: Okay, thank you. Given that there's sites surrounding the proposed site, you know, there's Bethel West, Danbury South, Connecticut and some other ones, you know, all around. What's preventing signals from that -- those towers

from reaching the proposed service area?

MR. GADASU: So it's a typography and -- this is Shiva

Gadasu, again, I'm sorry. So it is typography and, you know,
the vegetation, combination of topography and vegetation.

And out of the structures, you know, in between -- in between
these sites. The signal passes -- the RF energy passes

through any -- any of these --

MR. MERCIER: So for topography a signal, say it just can't go into a, like, a deep valley or there may be a hill in the way or something of that nature?

MR. GADASU: Right. It's completely blocked, it doesn't get through the hill. But if it is vegetation or if it is, you know, any building materials, you know, it can pass through but it gets -- the signal gets inundated.

MR. MERCIER: What role does like forested terrain play or leaf clutter and things of that nature, does that reduce the signal strength?

MR. GADASU: This is Shiva Gadasu again. Yes, it significantly does.

MR. MERCIER: You know, I understand, you know, according to the interrogatory response 1, the site search was initiated about 2016 for a location in this general area. You know, looking at the existent coverage map, why was a location chosen, say, we'll just say in the green area rather than, say, in one of the unshaded areas?

MR. GADASU: This is Shiva Gadasu again. So you know anytime we look for a cell site we try to get on higher elevation so that we have a clear line of sight, you know, into the neighborhood so this is one of the location where it's on higher elevation, you know, basically you have line of sight in all directions, so.

MR. MERCIER: Okay. And looking at the next slide, excuse me, the coverage plot, this is with the existing and proposed Verizon Wireless 700 megahertz coverage, you know, it does -- the new site will show a lot of overlapping coverage with coverage from adjacent sites, you know, some of the blue areas overlap and some of the green areas overlap. So when a user is in one of the overlapping areas, how is the call assigned? Does it go to a particular facility based on distance or some other factor?

MR. GADASU: So again -- so there are something, you know, KPIs as we call it, named for Key Performance

Indicator, so based on the, you know, the dominant server, you know, the user equipment, you know, receives, you know, it gets connected to the, you know, cell site. And, you know, given, you know, this site as we see it or lack of coverage it's only because, you know, we don't have any, you know, cell site in this area. We have to extend the service from the neighboring sites to provide service to Redding.

And once this site goes on air, you know, we pull back the

service from the neighboring sites, so that, you know, the site -- the user is closer to those other existing sites to receive better service.

MR. MERCIER: Okay. So -- so the adjacent sites would also benefit through additional capacity or just in general call quality; is that correct?

MR. GADASU: This is Shiva Gadasu. Correct.

MR. MERCIER: For network demand, is it typically lower for phones that are just based on sending a text message without video, or a just a call. Is that different than from someone streaming, say, Zoom or some other high data application?

MR. GADASU: This Shiva Gadasu again. So they're -they're -- they're all considered data. So, you know, once
a -- once a user gets, you know, has better data speeds then,
you know, all of those come in the same factor.

MR. MERCIER: Okay. You just mentioned data speeds.

And -- and is your signal level threshold that we have

discussed, like, -85 for in-building and -95 for in-vehicles,

is that based on data speeds, somewhat?

MR. GADASU: This is Shiva Gadasu again. Yes, so the stronger the signal, you know, the stronger the signal the better data speeds the user can get. So the closer to the site the better speed they get.

MR. MERCIER: Since the site was, you know, first

initiated in 2016, were there coverage plots generated at times to indicate that there was a coverage gap? And if so, over time are there continual updates to your coverage maps until a site is built?

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MR. GADASU: This is Shiva Gadasu again. So from -from what is it, 2016? From 2016 so we -- we made significant, you know, significant upgrades to -- we -- we made on a regular basis significant upgrades to our sites, you know, outdated equipment, you know, when there's a new generation of equipment coming from the vendors and we add, you know, add additional spectrum as we -- as Verizon gets available from FCC, we upgrade the sites. But any -- any additional spectrum we add to our existing sites is -- it's all data. It's -- it's -- it's not wireless anymore, so the 700 megahertz, which we use as our base layer it's -- it's -it's wireless only, I mean, I wouldn't say wireless only, it's mainly wireless but it also gets data but, you know, the data speeds compared to, you know, other frequencies which Verizon uses are comparatively higher than the 700 megahertz base layers that we use. So the 700 megahertz is only used for coverage, say, a user can -- can and have, you know, a phone call initiated and, you know, and does not get dropped. And coming to the plots, you know, they are fairly -- they are fairly similar from 2016, you know, even though we upgraded the neighboring sites, the 700 base layer still

remains the same.

MR. MERCIER: Thank you. I have no other questions at this time, thank you.

MR. MORISSETTE: Thank you, Mr. Mercier. We will now continue with cross-examination of Verizon by Mr. Silvestri, followed by Mr. Nguyen. Good afternoon, Mr. Silvestri.

MR. SILVESTRI: Good afternoon, Mr. Morissette, and thank you. I had two questions from the last time that I had posed to MCM and it was really Verizon that needed to answer them. The first question that I have was, if you look at tab 2, or attachment 2 to the application, why was the 101 Marchant Road location rejected? There doesn't seem to be a reason listed there.

MR. GADASU: This Shiva Gadasu. So from an RF perspective, you know, it's -- looking at the property, it's -- it's a big parcel. And there is a significant change in elevation in the parcel so depending on where the tower location might be, you know, RF is completely okay with it, given, you know, we just compensated with the tower height.

MR. SILVESTRI: So it's not an RF issue?

MR. GADASU: Yes, it's not an RF issue.

MS. GLIDDEN: If I may, for the record Liz Glidden with Verizon. I think part of the issue here is that there was tremendous -- that the site is 78 acres of forest and it would require a tremendous amount of clearing in order to

develop the site. And it would also be more visible from some of the other parcels; we were trying to avoid that.

Also due to some elevation issues, it might require a taller tower.

MR. SILVESTRI: Very good, thank you both for your responses. Then to follow up on Mr. Mercier's questions about coverage, I was looking at the 850 megahertz coverage plots that are in attachment number 1, and while I look at the 700, and the coverage seems fairly extensive, why is there such a drop off for the 850-megawatt coverage? And I'm kind of looking at both the west side, if you will. It seems coverage is there for north and east but not the west. Could you explain that?

MR. GADASU: This is Shiva Gadasu. As I said, 700 is our base layer for Verizon, so every -- every cell site in lower Connecticut has 700 megahertz. But 850 megahertz it's, you know, it's the largest spectrum we have and it is not deployed across Connecticut yet. We are, you know, they're still -- they're still deploying on a side-by-side basis. Hence, you know, hence it's -- you don't see much coverage from 850 as opposed 700.

MR. SILVESTRI: Just a related question. How much does the terrain to the west affect your proposed tower?

MR. GADASU: This is Shiva Gadasu again. As you can see -- completely compare, you know, and the proposed

- coverage from this facility on Redding North, you know, it
  doesn't go much to the west because of topography. It
  doesn't get all the way, you know, to Route 7, not even
  halfway.
  - MR. SILVESTRI: That's what I thought; it was a topography issue. Very good. Thank you for your response. That's all I have for Verizon at this point. Thank you.
  - MR. MORISSETTE: Thank you, Mr. Silvestri. We will now continue with cross-examination of Verizon by Mr. Nguyen, followed by Mr. Golembiewski. Mr. Nguyen, good afternoon.
  - MR. NGUYEN: Yeah, good afternoon, Mr. Morissette, my question has been asked. So no questions, thank you.
- MR. MORISSETTE: Thank you, Mr. Nguyen.

- Mr. Golembiewski, followed by Dr. Near. Mr. Golembiewski, good afternoon. Good afternoon, Mr. Golembiewski, I see you on the -- I see you online and it is your time to cross-exam Verizon, please. Good afternoon, Mr. Golembiewski.
- MR. GOLEMBIEWSKI: Thank you. I'm sorry, I got kicked out on my tablet, so I had to quickly get to my computer. I have no questions, thank you.
- 21 MR. MORISSETTE: Thank you, Mr. Golembiewski.
- MR. GOLEMBIEWSKI: All that for nothing.
  - MR. MORISSETTE: Well, thank you, you're back. I will now continue with cross-examination by Dr. Near, followed by Mr. Lynch. Dr. Near, good afternoon.

DR. NEAR: Good afternoon, Mr. Morissette. I have no questions at this time, thank you.

MR. MORISSETTE: Thank you. We will now continue cross-examination by Mr. Lynch, followed by myself.

Mr. Lynch, good afternoon. Okay, I don't see Mr. Lynch on the screen, so I will continue with cross-examination.

I have a few follow-up questions. The first one -- let me just throw this one out, question 13. In response to question 13 was discussion about the 1,000-gallon LNG tank. Is 1,000 gallons your typical size? For some reason I was thinking it was 500 gallons and why -- why is this proposing 1,000.

MS. GLIDDEN: This is Liz Glidden with Verizon. This is a typical size tank.

MR. MORISSETTE: A typical size is 1,000, okay, I was mistaken then. Okay, thank you. All right. Let's -- let's go to the coverage maps on Tab 1 and I'll follow-up on some questions that were asked earlier. Now, the write up of the application says that you're fulfilling a need in southwestern Redding and southern Danbury.

Now, can you tell me -- I don't quite see the increase in coverage in southwestern Bethel, or Redding, excuse me.

ATTORNEY BALDWIN: Just -- just for clarification,
Mr. Morissette, can you point us to the section in the
narrative that you are talking about because I think --

MR. MORISSETTE: Certainly, page 3 in the introduction.

2 It actually says southwestern Bethel --

ATTORNEY BALDWIN: Right. Okay.

MR. MORISSETTE: -- and southern Danbury. And I'm not understanding the southwestern Bethel.

MR. GADASU: This is Shiva Gadasu from Verizon. So, you know, if you compare the existing and the proposed service from 700 megahertz from the existing -- from the site Redding North, we can see southwest of Bethel, and on Route 53 and its neighborhood you can see, you know, a significant implement in service and also south of Danbury.

MR. MORISSETTE: Okay, I -- I understand now. All right. So it's -- it's essentially everything, it's north of the site.

MR. GADASU: North of the site. Because as -- as I said earlier, you know, the surrounding sites are over extended to fill in the gap in Redding at the moment. You know, once this site gets approved and goes on air, you know, we pull back the service from the surrounding sites so that the users, who are connected on the surrounding sites, get better experience.

MR. MORISSETTE: Okay, thank you. All right. With that in mind that we're looking for better coverage north of the site, and I'd like to go to the site search section,

Section 2. And the second site that's discussed here is the

1 fire station. Now, if I go to the map of the sites that you looked at, I'm trying to figure out which ones the fire 2 3 station --4 MR. GADASU: So the fire station is approximately -- I'm 5 sorry. 6 MR. MORISSETTE: Go ahead. MR. GADASU: I'm sorry to interrupt. This is Shiva 7 8 So the fire station is, you know, approximately one 9 mile to the southeast from the Hoyt property. So the 10 reason --11 MR. MORISSETTE: So where is it on your map? 12 MR. GADASU: On the -- on the coverage map? 13 MR. MORISSETTE: No, on the map in that section on the 14 sites that you looked at. 15 MR. GADASU: So this is Shiva Gadasu again. So on the 16 site search, on the map if you are looking at the map, within 17 the white circle in the center, you will see it's called Redding FD, Redding Fire Department --18 19 MR. MORISSETTE: Okay. So that's -- that's the fire 20 department. 21 MR. GADASU: Correct. 22 MR. MORISSETTE: And you say that's a mile from the 23 site? 24 MR. GADASU: Approximately.

Okay and -- and so why was that one

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MR. MORISSETTE:

rejected? It says here, MCM leased property, RF rejected.

MR. GADASU: Shiva Gadasu again. Let me correct the distance. So upon double checking it, it's almost like five, seven miles from the Hoyt property from the southeast. The reason it's rejected is the ground elevation at the fire department is significantly less compared to the Hoyt property. The ground elevation is approximately 150 foot lower, so we need a significant taller tower to compensate for the height.

MR. MORISSETTE: Okay. So it's due to elevation?
MR. GADASU: Correct.

MR. MORISSETTE: Okay. All right. So moving on to the next page of the existing towers considered. Both of these sites are to the north, and as we just discussed the coverage gap you're trying to fulfill is to the north of the site -- can you talk a little bit, you know, these are existing type of existing structures and why -- why RF is rejected on a -- on a site that already exists and has been sited, considering these are up to the north, why they just don't work for you?

ATTORNEY BALDWIN: Mr. Morissette, could -- just for clarification are you looking at the last two sites listed in the site search --

MR. MORISSETTE: Yes.

ATTORNEY BALDWIN: -- summary list that are identified as existing powers considered?

1 MR. MORISSETTE: Yes.

ATTORNEY BALDWIN: Okay.

MR. MORISSETTE: That would be site one of 4 Dittmar Road and site 2, 66 Sugar Hollow Road.

ATTORNEY BALDWIN: Thank you.

MR. MORISSETTE: Thank you.

MR. GADASU: This is Shiva Gadasu. So -- so the first site, 4 Dittmar Road, is approximately 2.7 miles to the northeast from the Hoyt property, which is too far out. As we look at the coverage plots submitted, the proposed coverage plots with Redding North, we still see, you know, it's quite far, the Redding North site itself doesn't get all the way to 4 Dittmar Road. It's too far out.

And the second site we're talking about is 66 Sugar Hollow Road, Danbury. It is almost two miles northwest and it is terrain plot between Sugar Hollow and the Hoyt property.

MR. MORISSETTE: So if I -- if I look at the existing 700 megahertz plot, it appears that to the south that you have pretty adequate coverage in that, you know, as you stated earlier, the site is to provide more coverage to the north. So the -- is it that the two existing sites are either too far to the east and too far to the west where it doesn't provide you coverage, you know, in the middle going north versus moving it north to either one of those sites and

with adequate coverage to the south? I'm not sure if that
was real clear, a real clear question here. But it seems to
me that since you're trying to increase the coverage to the
north either one of those sites would provide some coverage
for you. Any reaction to that?

MR. GADASU: This is Shiva Gadasu. So if you're looking at the existing coverage plot to the -- to the east, you see -- you see a site named Redding CT.

MR. MORISSETTE: Yep.

MR. GADASU: Along, you know, east of Route 107.

MR. MORISSETTE: Yep.

MR. GADASU: So this, 4 Dittmar Road, it's not the existing site Redding CT. So it's too far to the east and -- and when you compare that with the proposed coverage from Redding North, it's still a significant gap, you know, 4 Dittmar Road, it's a very good site for us. You know, we did consider it for -- for as, you know, as another new build -- new build site in the region to -- to fill in the gaps in our network to the east. But, you know, it doesn't negate the purpose of Redding North.

MR. MORISSETTE: Right. If you were to go to -- let's see if I can kind of summarize that. If you went to Sugar Hollow, you're too far to the west, and you're losing coverage on Route 53?

MR. GADASU: This is Shiva Gadasu again. Yes, it

- doesn't get to Route 53 because it is terrain plot between
- 2 Sugar Hollow and Hoyt. There is significant, you know, hills
- 3 between these two properties, it's terrain plot and it
- 4 doesn't reach, even to Hoyt.
- 5 MR. MORISSETTE: Okay. And okay, I'm still not clear on
- 6 the second one though.
- 7 MR. GADASU: This is Shiva Gadasu again. So the second
- 8 one --
- 9 MR. MORISSETTE: The Dittmar Road.
- MR. GADASU: 66 Sugar Hollow, if you looking at the --
- 11 | it's the existing coverage on the northwest you will see a
- 12 | site named Danbury South, Danbury CT.
- MR. MORISSETTE: Yep.
- 14 MR. GADASU: So following that to the south along
- 15 Route 7, there you see, called Cemetery in the blue -- in the
- 16 | **blue --**
- MR. MORISSETTE: Yep.
- 18 MR. GADASU: That's where the site is, Sugar Hollow.
- 19 It's Sugar Hollow.
- 20 MR. MORISSETTE: Yeah, I'm okay with Sugar Hollow. I
- 21 understand that one. I'm on Dittmar -- Dittmar -- excuse me,
- 22 Dittmar Road. The existing site of Dittmar. I'm not getting
- 23 | why that one wouldn't work.
- MR. GADASU: So the site Dittmar Road is too far to the
- east between Dittmar Road, you know, if you build a tall

- enough -- if you can get a tall enough signal line, you know,
- 2 it's tough to get a signal to get past Route 53.
- MR. MORISSETTE: Okay. And you're also approaching

  Bethel West by a significant distance as well; is that

  correct?
- 6 MR. GADASU: Correct.

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- MR. MORISSETTE: Okay. Thank you. Thank you for patiently going through that with me, I appreciate it. Okay. That's all the questions I have this afternoon. Thank you for your responses. We will now continue with cross-examination of Verizon by the Grouped Resident Intervenors, and I believe, JoAnn Villamizer is going to represent the Resident Intervenors.
- MS. VILLAMIZAR: Yep. That's me.
- MR. MORISSETTE: Good afternoon.
- 16 MS. VILLAMIZAR: Good afternoon. Okay, I just have a
  17 few questions. One second, we're having technical
  18 difficulties. Okay. Nope.
- MR. KEYES: No, speaker, turn your speaker off.
  - MS. VILLAMIZAR: Turn your speaker off -- volume. Okay. I think we got it, sorry about that. Okay, so I just have a couple questions. Cellco's Internal Coverage Mapping Tool, Atool was used to ascertain the current coverage in the area and the anticipated coverage utilizing the additional pole that is the subject of this application.

So how much time is required to create a coverage map using this mapping tool?

MR. GADASU: It's a fairly quick process.

MS. VILLAMIZAR: So time, quick?

MR. GADASU: Quick.

MS. VILLAMIZAR: Okay. So if, in fact, that it is so quick to do this, my question is, relative to Dittmar, why would you not provide -- and Sugar Hollow, provide the coverage maps done from Dittmar and Sugar Hollow to support your position that there is inadequate coverage?

MR. GADASU: This is Shiva Gadasu. We didn't provide the plots because, you know, one, 4 Dittmar Road is too far away, and two, 66 Sugar Hollow, we have significant overlapping coverage from -- from the surrounding site to Danbury South. It doesn't --

MS. VILLAMIZAR: Okay. So you didn't provide them why?

Because you think that -- your statement is -- to

substantiate your statement that they're not good enough, why

would you not provide the coverage maps that you did? I'm

confused.

ATTORNEY BALDWIN: I think what Mr. Gadasu said was that because the sites are too far away, he didn't feel the need to provide coverage plot.

MS. VILLAMIZAR: Okay. So that you did the coverage plots for Dittmar and Sugar Hollow, but you didn't provide

them, correct?

MR. GADASU: Correct. This is Shiva Gadasu. It's for internal use. Anytime, you know, when other candidates submitted by our, you know, sited acquisition people, you know, we reviewed the sites and see if the site makes sense from an RF perspective. If it doesn't makes sense we just reject it, we don't keep the request.

MS. VILLAMIZAR: Okay. But it takes like a few minutes to run the program, so it could have easily been done in order to support your position that there is no coverage, correct?

MR. GADASU: Correct, correct.

MS. VILLAMIZAR: Yeah, okay, good. Then there's a Verizon coverage map online for the public that shows the coverage in the area. Is that using the same Atool or is that using a different tool?

MR. GADASU: This is Shiva Gadasu. It use a different tool and, you know, the thresholds provided and stated in -- on the Verizon website are significantly different from what we take as -85 RSRP for in-building and -95 for in-vehicle coverage for -- for reliable service. So they're completely different thresholds.

MS. VILLAMIZAR: Okay. And there -- the term 4G LTE, it's my understanding, means that you're going to be able to download your favorite music, website, videos, make phone

calls, and text messages; is that correct?

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MR. GADASU: This is Shiva Gadasu. Are you referencing from the website?

MS. VILLAMIZAR: I'm just asking you a question.

MR. GADASU: 4G LTE meaning, it's both, you know, wireless and data speeds. Correct.

MS. VILLAMIZAR: Oh, good, okay. Then the area that you're saying that there is substantially no coverage in your application to the Siting Council on Route 53, I checked on your website, the Verizon website that's available online. And I'm just gonna read the numbers, I checked 25 houses along the route that you say that there's no coverage. These -- I'm going to do it as fast as possible so as not to waste your2 time, but I want it in the record. 551 Redding Road, and all of these numbers are going to be Redding Road so I won't repeat it. 551, 557, 560, 556, 573, 575, 580, 584, 590, 598, 613, 636, 649, 658, 667, 678, 692, 706, 721, 724, 729, 736, and then additionally I checked 223 Gallows Hill Road, which was a little farther away on Route 53. And then 58 Sidecut, because that's an area that was questionable in Redding. And then I did go past on 53, did cross the line into Bethel, to 72 Turkey Plain Road, which is what 53 turns into in Bethel.

All these areas say that there is 4G LTE coverage, so your promotion to the public is that you do have coverage so

I can buy your services if I lived in the area where you say there's no coverage. And additionally, toward the end of 53 immediately crossing the border into Bethel, I get 5G.

So can you explain to me how it is that you're promoting to the public that there is coverage on the area where you're telling the Siting Council that you need coverage because there's substantially no coverage.

ATTORNEY BALDWIN: I'm going to object to the question.

I think what Mr. Gadasu says that the plots that are being referred to are run at different thresholds. And if the question is does Mr. Gadasu stand by the plots and the evidence in the record to support the argument for need he can answer that question. Mr. Gadasu did not prepare any plots appear on the company's website, although he did testify that they're run at different thresholds. So I'm not sure exactly what Mr. Gadasu can say in response to Ms. Villamizer's statements.

MS. VILLAMIZAR: Well, I guess I can simplify it for you --

MR. MORISSETTE: Hold on, hold on. We have an objection on the table, and -- and at this point the website and the plot websites are not part of the record. So to ask questions associated with those plots is inappropriate because it's not part of the record. But I'm going to ask Attorney Bachman to weigh in on this.

I do think, however, the witness could expand a little bit on, you know, why -- what the differences are between the marketing information versus what is here in the record.

Attorney Bachman, do you have any opinions on this?

ATTORNEY BACHMAN: Thank you, Mr. Morissette. I think Attorney Baldwin rephrasing the question as to whether or not Mr. Gadasu stands by the plots that were provided and the need, satisfies the question. But I certainly think your suggestion is well taken and if Mr. Gadasu could give us an answer as to the difference between the marketing plots and the plots that are in the record, that would be appreciated. Thank you.

MR. MORISSETTE: Thank you, Attorney Bachman.

Mr. Gadasu, if you could expand on the difference between the marketing information and the information in the, you know, to the extent that you understand it understanding you're not a marketing representative, thank you.

MR. GADASU: I stand by the plots submitted to the Siting Council as part of this application. In referring to the plots on the Verizon website, there is a disclaimer, you know, at the bottom of these plots stating that it doesn't -- so, you know, the disclaimer says, you know, it doesn't necessarily say it's a reliable service, you know, from the plots on the Verizon website.

MR. MORISSETTE: Thank you, very good. All right.

Ms. Villamizer, if you could continue your cross-examination, please.

MS. VILLAMIZAR: Yes. In order to make sure that it is on the record, if you look at Exhibit 1 IV, Intervenor Exhibit 2 from Villamizer's testimony, you will see that there is a coverage map that was taken from the Verizon website, and that has the area in question, on Route 53 on it, which shows 4G and 5G coverage.

Could you please explain what the distinct -- why that is? So that is on the record, so we don't have to worry about it not being on the record. This is on the record. Please explain the difference.

ATTORNEY BALDWIN: It's -- it's not in evidence yet because it's not our exhibit. But -- but could you tell us, again, what exhibit you're speaking to?

MS. VILLAMIZAR: It's exhibit -- Villamizer submission of Exhibit IV 2, having to do with my testimony, additional testimony, so it's my second set of testimony.

MR. MORISSETTE: Is it dated January 16th, 2024?

MS. VILLAMIZAR: It's not even dated. I failed to put a date on it.

ATTORNEY BALDWIN: I see Villamizer's testimony dated November 20th; is that it?

MS. VILLAMIZAR: It says, I am somewhat confused by Cellco's statement that there is a need for additional

cellular service in west Redding based upon the Verizon coverage map of west Redding -- west Redding available on their website showing no gaps in coverage including Route 53. It's shown on Exhibit IV 2.

MR. GADASU: So this is Shiva Gadasu again. In referring to those plots from the website, again, stating that, you know, there's a disclaimer at the bottom where it says, you know, it's approximate other coverage and it's not a guaranteed service. Actual coverage may vary depending and subject to change, you know, depending on the, you know, the situation, et cetera.

MS. VILLAMIZAR: Thank you. Okay. For each of the sites that Cellco states the RF is not acceptable, was Cellco's Atool used to contribute to making this determination?

MR. GADASU: This is Shiva Gadasu again. I'm sorry, I don't understand it. Could you rephrase the question, please?

MS. VILLAMIZAR: For each of the sites that Cellco states that they looked up but where RF was not acceptable, was Cellco's Atool used to make -- contribute to making the determination?

MR. GADASU: This is Shiva Gadasu again. Yes, all the plots which are generated and submitted to the Council are through, you know, the tool called Atool.

1 Okay. Was Cellco aware of the MS. VILLAMIZAR: availability of the scout camp site at the time the search 2 3 for a site was initiated? MS. GLIDDEN: For the record, this is Liz Glidden. 4 When -- in 2016 Cellco was looking for -- became aware of 5 6 some coverage issues in this area and began looking for a 7 possible site. And shortly after beginning a search in 8 looking at a number of different parcels, we became aware 9 that MCM had an option on this particular parcel. 10 MS. VILLAMIZAR: So was the site center for the search 11 determined before or after you were aware of the MCM site? 12 MS. GLIDDEN: Before. 13 MS. VILLAMIZAR: So before you found out that the MCM 14 site was available, you're saying that you need high ground 15 for your tower, but where your site center is, is at the 16 bottom of the hill. Why would you pick the bottom of the 17 hill as opposed to somewhere where there was a mountain? 18 You're basically in a valley. 19 ATTORNEY BALDWIN: The center of the search, is that the 20 one that we gave in response --21 MS. VILLAMIZAR: Yes.

ATTORNEY BALDWIN: -- to another question?

MS. VILLAMIZAR: Yep. Which is Lonetown Road and

Simpaug intersection, which is dead center of the bottom of

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the valley.

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MS. GLIDDEN: The purpose of, again, Liz Glidden, for the record. The purpose of the search area is to identify an area. So typically we look at coverage maps and we create a diameter from that. So we're not looking at topography when we initiate a search ring. It's not until later on that we go and we search the ring and we look around that we really look at things like topography, existing structures, vegetation, things like that.

MS. VILLAMIZAR: Okay. Then based on your -ATTORNEY BALDWIN: Just one -- just one second. We have
Mr. Gadasu to follow up on that.

MR. GADASU: Sorry to interrupt, this is Shiva Gadasu. I confer with Ms. Glidden's statement. You know, we don't take the topography into consideration when we first, you know, open up a search ring because, you know, we -- given, you know, a search radius and based on candidates we receive, you know, we analyze the candidates and from there they determine the heights of the towers needed from those candidate's submitted locations.

MS. VILLAMIZAR: Okay. So when you do the site search you -- you are looking based upon -- you're doing this based upon your coverage maps where you have gaps in coverage, correct?

MS. GLIDDEN: Yes.

MS. VILLAMIZAR: Okay, then in the event that -- so the

area that you're saying there is a substantial need for coverage, in this particular instance, is on Route 53.

You've alluded to that on numerous occasions.

So why would you not have chosen an area by Route 53 where you do need substantial coverage -- where you have a gap then Lonetown Road and Simpaug?

MR. GADASU: This is Shiva Gadasu. So we determined this location because one, as I said, you know, the surrounding sites are over extended to provide service to, you know, this part of Redding, so, you know, once -- once we pull back the service, you will see significant gaps in Redding. So hence this location was chosen to fill in the service all around the site.

MS. VILLAMIZAR: Well, that's the Hoyt campsite you're referring to, not the site search, which is at the bottom of the hill. I'm asking for the site search, not the Hoyt's location, but the initial site search where you have -- you're saying that your gaps in coverage are how you determine where your location is going to be for your site search. Your gaps -- your major gap in coverage is on Route 53.

So why would -- why is the site search, you know, located at Simpaug and Lonetown, as opposed to, on Route 53 where your significant gap in coverage is? I don't understand.

MR. GADASU: This is Shiva Gadasu. So there are two things. One -- one, is coverage, and one is also capacity. This site -- also this is a capacity needs on the two surrounding sites. One to the south called Topstone, and one to the north called Danbury South. These two sites which are currently providing service to Redding are exhausted, meaning, you know, they are taking more number of users then the site can handle, itself, at any given time. Hence we need this -- this location to also upload the user's data and websites to give better service to the users around.

MS. VILLAMIZAR: Okay. But that just still doesn't answer the question. The question is, if your substantial gap coverage is how you determine where you're going to look for a new location, is at Route 53, how is it you ended up at Lonetown Road and Simpaug as your site center, as opposed to being on Route 53 where you're saying the substantial need is? I don't get it, and that didn't answer that question.

I mean, you knew about the Hoyt thing. You're saying that was after you determined your site search center, so your site search center doesn't make sense based upon the coverage maps.

You're saying the coverage maps determine the site center, but there, that would be Route 53 not Simpaug and Lonetown conveniently located next to Hoyt. You can't, I mean, it looks like you're just filling it in after-the-fact.

So anyway, can you still answer that question, like, what happened to Route 53 where the substantial coverage is lacking, that -- that's not the center?

MS. GLIDDEN: For the record, this is Liz Glidden. I think the purpose of the site area or the search ring, is essentially a circle on a map. It is intended to give a general area where we are looking for service, or looking to obtain service.

MS. VILLAMIZAR: Okay. But still, it doesn't -- you still didn't answer the question on why it's not at Route 53 instead of Simpaug and Lonetown. I still -- I don't get it.

MR. GADASU: This is Shiva Gadasu. So, you know, based on the search ring, we didn't receive any candidates, you know, from any of the other, you know, along Route 53 or, you know, within the search ring.

As we found out that, you know, MCM has a lease, you know, signed -- it's an easy process, you know, it's on higher ground elevation. It gives a better line of sight, you know, around the site to provide service. So we just went with the site.

MS. VILLAMIZAR: Okay. So I think that what you're trying to say is that you basically just landed -- found out MCM has a site available and therefore that was it. Done.

MR. GADASU: Correct.

MS. VILLAMIZAR: Okay, good. So there -- then I'm going

to move to question from one of my colleagues, Tim Keyes. He would like to know, for Dittmar, is it a higher elevation?

It's at 790 feet versus Hoyt, which is at 520 feet. So wouldn't that be more appealing and therefore Verizon to use the Dittmar site?

MR. GADASU: This is Shiva Gadasu again. You are right on the ground elevation on Dittmar Road. It's comparatively higher to the Hoyt property, but again, it's almost 2.7 miles from the Hoyt property and, you know, the site -- any site doesn't get that far to provide RF service.

MS. VILLAMIZAR: How far will the RF service -- how -- what is the distance that will be provided for the RF service from the Hoyt camp, because you're going on the way to the Bethel border and into southern Danbury, so what is -- what is that distance?

MR. GADASU: Given the flat terrain, it's approximately between one and a half to two miles based on how far you are, considering the flat terrain. And once the topography comes into effect, you can never say.

MS. VILLAMIZAR: That's only one mile. He says that's 2.7. Okay. So now I have additional questions from Danielle Caldwell. She wants to know what -- well, we've already asked that. She wants to know whether or not you looked at the cell tower at the Francis J. Clark Road, industrial complex and whether that would be suitable to offer service

to the area on Route 53 since it is fairly close?

ATTORNEY BALDWIN: Can you point us to an exhibit in the record that identifies that location and, in particular, the site search summary existing adjacent towers map includes several locations around the proposed facility. I'm just not sure which one you are talking about.

MS. VILLAMIZAR: No, I think it's further out than your one mile radius. So if I have to point to something, no, she did not indicate what she was referencing. I'm merely giving you her questions, so we will move on. She would like to also know if your goal is to offer service for Bethel and Danbury areas as well as Redding, wouldn't finding a location that was more centralized be best?

MR. GADASU: Again, considering -- considering our -- the need for Verizon, this is the best location.

MS. VILLAMIZAR: Okay. And she says she has lived on Fire -- well, I guess my Fire Hill Road isn't going to tell you anything. She has worked on Long Ridge Road, which is your site center in west Redding for over ten years and has never experienced any coverage policy problems with Verizon, even walking in the woods at Long Ridge Road. She wants to know, why it is, that there is a substantial need when she does not have a problem?

MR. GADASU: This is Shiva Gadasu again. Referring to the coverage plots submitted, the existing coverage plots at

1 700 megahertz, we can see, you know, significant coverage, 2 you know, south -- south of this Hoyt property, also west of 3 the Hoyt property, and also -95dBm RSRP, very significant 4 coverage around the site, from the Danbury site. As stated 5 before, very significant coverage at -95 because of the existing site -- existing surrounding sites are over extended 6 7 to provide service. 8 MS. VILLAMIZAR: Thank you. What is that? 9 10 (Discussion was held away from the microphone with the 11 Grouped Intervenors which was not audible.) 12 13 MS. VILLAMIZAR: Okay. So apparently, sorry. 14 site is one mile from Route 53 and the Dittmar site is 15 approximately one mile from Route 53. 16 17 (Discussion was held away from the microphone with the Grouped Intervenors which was not audible.) 18 19 20 MS. VILLAMIZAR: One mile 1,000 feet. Oh, okay. 21 there -- why would the Dittmar site not be suitable since 22 it's so close? 23 24 (Discussion was held away from the microphone with the 25 Grouped Intervenors which was not audible.)

1 MS. VILLAMIZAR: And it's 790 feet taller, or no, it's 2 790 feet period, not taller. MR. GADASU: This is Shiva Gadasu again. Referring to 3 4 4 Dittmar Road, if you are looking at a horizontal distance to Route 53, which is the shortest, it's almost two --5 1.25 miles and, you know, as you come further south on 6 7 Route 53 it goes all the way to 2 miles, which is far away 8 for RF. 9 MS. VILLAMIZAR: Thank you. That's all the questions we 10 have. 11 MS. DELUCA: I have one more. 12 MS. VILLAMIZAR: Oh, wait, sorry. 13 Please continue. MR. MORISSETTE: 14 MS. VILLAMIZAR: One more from Dottie Deluca and we're done. Sorry. 15 16 17 (Discussion was held away from the microphone with the Grouped Intervenors which was not audible.) 18 19 20 MS. VILLAMIZAR: Two more from Dottie Deluca. Dottie 21 has also lived and worked at the center of the site location 22 for 12 years. If there is no coverage she would not be able 23 to run her business or retail shop. So, I think it's going 24 to be the same answer as the previous question.

1 (Discussion was held away from the microphone with the 2 Group Intervenors which was not inaudible.) 3 4 Okay, no, I'm sorry. We're done. MS. VILLAMIZAR: 5 MR. MORISSETTE: Very good. Thank you, Ms. Villamizer. 6 We will not continue with cross-examination of Verizon by the 7 Grouped Business Intervenors. We have Dino Travesini or Ann 8 Taylor. Who is going to represent the Business Intervenors this afternoon? 9 10 MS. VILLAMIZAR: We're just getting Ann because I don't think Dino is on. So we'll get Ann for you. 11 12 MR. MORISSETTE: Very good, thank you. I see Ann Taylor 13 on the screen. Ann are you there? 14 MS. VILLAMIZAR: Actually, we are using her screen. 15 she's coming right upstairs. She wasn't participating, but 16 she can come and tell you that she has the questions. 17 MR. MORISSETTE: Okay, thank you. 18 MS. TAYLOR: Hi. 19 MR. MORISSETTE: Good afternoon, Ann. 20 MS. TAYLOR: Hi, how are you? 21 MR. MORISSETTE: Good. How are you doing? 22 MS. TAYLOR: I'm well, thank you. Thanks, no, I don't 23 have any questions. Dino was going to be the one that might 24 hop on and I think Dottie is just speaking with him. He's 25 just having a hard time connecting with you, but he was the

1 one who was going to represent the business group. MR. MORISSETTE: Okay. Unfortunately, it's his time 2 3 to -- your time to cross -- examination. 4 5 (Discussion was held away from the microphone with the 6 Group Intervenors which was not audible.) 7 MS. TAYLOR: All right. So I don't --8 9 MS. VILLAMIZAR: I think you're just going to represent 10 the business group. You don't have any questions? 11 MS. TAYLOR: I do not have any questions, thank you. 12 MR. MORISSETTE: Thank you. Very good. 13 MS. TAYLOR: Thanks. 14 MR. MORISSETTE: We're going to have to move on. Okay, 15 with that, the appearance of the Grouped Resident 16 Intervenors. Will the Grouped Resident Intervenors present 17 their witness panel for purposes of taking the oath. We will have Attorney Bachman who will administer the oath. 18 19 20 (Discussion was held away from the microphone with the Group Intervenors which was not audible.) 21 22 23 MS. VILLAMIZAR: Okay, ready? Are you ready? Oh, it's 24 me? Can you hear me? 25 MR. MORISSETTE: Yes, we can hear you.

1 MS. VILLAMIZAR: Oh, great. So the Grouped Resident Intervenors have the testimony of Villamizer --2 MR. MORISSETTE: Oh, excuse me, for one second. Please 3 4 identify the individuals that are on your panel. MS. VILLAMIZAR: Oh, my panel -- my panel -- we don't 5 6 have a panel -- well, we have a -- we don't have a panel. 7 MR. MORISSETTE: So who will be answering questions this 8 afternoon? 9 MS. VILLAMIZAR: I guess, if in fact you -- okay so our panel would be -- so sorry would be Danielle Caldwell, Dottie 10 11 Deluca, JoAnn Villamizer -- did you give testimony? Did you give testimony? And Tim Keyes. 12 13 MR. MORISSETTE: If you submitted testimony you now have 14 to declare it under oath to swear to it under oath and admit it into evidence. 15 MS. VILLAMIZAR: Yep, that's -- we're -- not Tim Keyes. 16 So let me do it again. So sorry to cause you so much 17 18 trouble. It's going to be Danielle Caldwell, Dottie Deluca, 19 JoAnn Villamizer. MR. MORISSETTE: Okay. So we have three people -- is 20 that -- did I count that right? 21 22 MS. VILLAMIZAR: That's all what we got. 23 MR. MORISSETTE: So we have Dottie Deluca, the second 24 one was who? 25 MS. VILLAMIZAR: Danielle Caldwell.

1 And the third one was? MR. MORISSETTE: 2 MS. VILLAMIZAR: JoAnn Villamizer. 3 MR. MORISSETTE: Thank you. Thank you, JoAnn. 4 Attorney Bachman, could you please administer the oath on the 5 individuals that are present. 6 ATTORNEY BACHMAN: Mr. Morissette, I just want to ask at 7 this time. I do see that Mr. Keyes, Dr. Keyes, excuse me, 8 filed a request for intervenor status. I'm not sure if he 9 wants to be sworn in, so that in case anyone has any 10 questions about the contents of the request. 11 MS. VILLAMIZAR: That would be great, Tim Keyes, we'll add him, thank you. 12 13 ATTORNEY BALDWIN: Okay. Could everyone please raise 14 your right hand. 15 MS. DELUCA: I'd like to be put on camera, you've taken 16 away my camera --17 MS. VILLAMIZAR: It's okay. 18 MS. DELUCA: -- so that I'm not on the record raising my 19 hand. 20 MS. VILLAMIZAR: Yeah, you are. MS. DELUCA: Not visually. 21 22 MS. CALDWELL: Can you put it back on. 23 24 (Discussion was held away from the microphone with the 25 Group Intervenors which was not audible.)

1 MS. DELUCA: Melanie can you answer the question? ATTORNEY BACHMAN: Dottie are you behind JoAnn? 2 3 4 (Whereupon the Grouped Resident Intervenor's panel was duly sworn in by Attorney Bachman.) 5 6 7 ATTORNEY BACHMAN: Thank you. 8 MR. MORISSETTE: Thank you. Let's see Dorothy Deluca --9 MS. DELUCA: Yes. 10 MR. MORISSETTE: -- Danielle Caldwell, JoAnn Villamizer, 11 and Tim Keyes, you have offered the exhibits listed under the 12 hearing program Roman numeral 4, excuse me, B1 through 15 for 13 identification purposes. Unfortunately, there are exhibits 14 here that were not prepared by -- they were prepared by 15 others. 16 Attorney Bachman, what do you propose that we do about 17 that? Should we ask Attorney Baldwin and Attorney Chiocchio if they will entertain admitting those into the record? 18 19 ATTORNEY BACHMAN: Certainly, Mr. Morissette, I think we 20 should identify the exhibit numbers, which would be Number 2, 21 Suzanne Fogel's request for intervenor status; Number 5, 22 Meredith Miller's request for intervenor status; Number 7, 23 Suzanne Fogel's pre-filed testimony; Number 12, Michael 24 Ungerer's request for intervenor status and pre-filed 25 testimony; and Number 13, CLJ Lancaster's request for

intervenor status; and finally, Number 14, Suzanne Fogel's additional pre-filed testimony. And certainly we should ask is there any objection, thank you.

MR. MORISSETTE: Thank you, Attorney Chiocchio or Attorney Patrick do you have any objections admitting those into evidence?

ATTORNEY CHIOCCHIO: Thank you, Mr. Morissette. No objections. Just noting that we do not have the opportunity to cross-examine the folks that prepared those exhibits. I think it'd probably be more appropriate that they be just considered comments, but no objections.

MR. MORISSETTE: Thank you, Attorney Chiocchio.

Attorney Baldwin any objections?

ATTORNEY BALDWIN: I will object, Mr. Morissette. If we don't have the opportunity to cross-examine, they shouldn't procedurally come into the record. They can certainly be offered as limited appearance statements, which we would not object to.

MR. MORISSETTE: Okay. Thank you, Attorney Baldwin.

Attorney Bachman, I think the suggestion is to introduce them as comment letters versus information into the record. Do you concur?

ATTORNEY BACHMAN: Without the opportunity for cross-examination, Mr. Morissette, they could be nothing but admitted appearance statements, thank you.

1 MR. MORISSETTE: Very good. So Exhibits 2, 5, 7, 12, 2 13, and 14 will be introduced as limited appearance letters 3 and will not be part of the record to be cross-examined this 4 afternoon. So with that, Dorothy Deluca, Danielle Caldwell, 5 JoAnn Villamizer, and Tim Keyes, you have offered the exhibits listed under the hearing program under Roman numeral 6 4B1, 3, 4, 6, 8, 9, 10, 11, 12, and 15. Is there any 7 8 objections to making these exhibits identification purposes only at this time? Dorothy Deluca? 9 10 MS. DELUCA: No objection. 11 MR. MORISSETTE: Dottie -- Danielle Caldwell, any objection? 12 13 MS. CALDWELL: Nope. 14 MR. MORISSETTE: JoAnn Villamizer? 15 MS. VILLAMIZAR: No objection. 16 MR. MORISSETTE: Tim Keyes? 17 MR. KEYES: No, sir. MR. MORISSETTE: Very good. Continuing on. Dorothy 18 19 Deluca, Danielle Caldwell, JoAnn Villamizer and Tim Keyes, 20 did you prepare and assist and prepare the exhibits 4B -- the 21 exhibits I listed off earlier? Please respond. 22 MS. VILLAMIZAR: Yes, we prepared the ones that we 23 submit with our names on it. 24 MR. MORISSETTE: Thank you. Each person has to respond, 25 please.

1 MS. CALDWELL: Yes. 2 MS. DELUCA: Yes. 3 MR. KEYES: Tim Keyes here, the exhibit with my name on 4 it. 5 Thank you. Thank you for that MR. MORISSETTE: 6 clarification. Do you have any additions, clarifications, 7 deletions, or modifications to those documents? 8 MS. DELUCA: No. 9 MS. CALDWELL: No. 10 Thank you. Are these exhibits true and MR. MORISSETTE: 11 accurate to the best of your knowledge? 12 MS. VILLAMIZAR: Yes. 13 MS. CALDWELL: Yes. 14 MS. DELUCA: Yes. 15 MR. KEYES: Yes. 16 MR. MORISSETTE: Do you offer these exhibits as your 17 testimony today? 18 MS. VILLAMIZAR: Yes. 19 MS. DELUCA: Yes. 20 MS. CALDWELL: Yes. 21 MR. MORISSETTE: Very good, thank you. Thank you for 22 working through that with me. Does any party or intervenor 23 object to the admission of the Grouped Intervenors Exhibits? 24 Attorney Chiocchio? 25 ATTORNEY CHIOCCHIO: Thank you, Mr. Morissette.

1 objections. 2 MR. MORISSETTE: Thank you. Attorney Baldwin? 3 ATTORNEY BALDWIN: No objection. 4 MR. MORISSETTE: Thank you. And, Ann Taylor? Hearing 5 no objections, the exhibits are hereby admitted. Thank you. 6 We will now begin with cross-examination of the Grouped 7 Resident Intervenors by the Council starting with 8 Mr. Mercier, and then followed by Mr. Silvestri. Mr. 9 Mercier, please continue. 10 Thank you. I have no questions, thank MR. MERCIER: 11 you. MR. MORISSETTE: Thank you. Mr. Silvestri, followed by 12 13 Mr. Nguyen. Mr. Silvestri. 14 Thank you, Mr. Morissette. I had one MR. SILVESTRI: 15 question because there was a concern about the propane tanks 16 and firearms used by the scouts. Does anyone know what type 17 of firearm is actually used by the scouts at the camp? MS. VILLAMIZAR: .22 shotguns and they use some larger 18 19 caliber shotgun. 20 MR. SILVESTRI: Okay. So they're bona fide guns as 21 opposed to pellet or BB guns, correct. 22 MS. VILLAMIZAR: Yes. 23 MR. SILVESTRI: Very good, thank you. Mr. Morissette, 24 that's all the questions I have, thank you. 25 MR. MORISSETTE: Thank you, Mr. Silvestri. We will now 1 continue cross-examination of the Grouped Resident

2 Intervenors by Mr. Nguyen, followed by Mr. Golembiewski.

3 Mr. Nguyen.

4 MR. NGUYEN: I don't have any question, thank you,
5 Mr. Morissette.

MR. MORISSETTE: Very good, thank you. We will now continue with cross-examination by Mr. Golembiewski, followed by Mr. Lynch. Mr. Golembiewski.

MR. GOLEMBIEWSKI: Thank you, Mr. Morissette. I don't have any questions. Their positions are pretty clear, and I appreciate their input. Thank you.

MR. MORISSETTE: Thank you Mr. Golembiewski. We will now continue with cross-examination by Mr. Lynch. I don't believe Mr. Lynch is with us this afternoon though. I don't see him, so I will continue with my cross-examination. I don't have any questions for the Grouped Resident

Intervenors. I believe their -- as Mr. Golembiewski stated,
I think their positions are very clear, and I thank them for participating in the hearing and the comments here today. We will not continue with cross-examination of the Grouped

Resident Intervenors by the applicant. Attorney Chiocchio.

ATTORNEY CHIOCCHIO: Thank you, Mr. Morissette, no questions.

MR. MORISSETTE: Thank you, Attorney Chiocchio. We will now continue with cross-examination of the Grouped Resident

1 Intervenors by Verizon Wireless. Attorney Baldwin. ATTORNEY BALDWIN: No questions, Mr. Morissette. Thank 2 3 you. 4 MR. MORISSETTE: Thank you, Attorney Baldwin. We will 5 now continue with cross-examination of the Grouped Resident 6 Intervenors by the Grouped Business Intervenors. Ann Taylor. 7 MS. VILLAMIZAR: She's got no objections. No questions. 8 MR. MORISSETTE: Very good, thank you. With that, we 9 will continue with the appearance of the Grouped Business 10 Intervenors. Will the Grouped Business Intervenors present 11 their witness panel for purposes of taking the oath? That would be Ann Taylor and Dino Trevisani. 12 13 MS. VILLAMIZAR: They're not here. They're not going to 14 present the panel. 15 MR. MORISSETTE: Very good. With that, 16 Attorney Chiocchio and Attorney Baldwin, do you have any 17 objections to entering the exhibits identified in the hearing program into the record? Attorney Chiocchio? 18 19 ATTORNEY CHIOCCHIO: Thank you, Mr. Morissette. I would 20 suggest that they would be entered as limited appearance or public comments given that there are no witnesses here to 21 22 cross-examine on those exhibits. 23 MR. MORISSETTE: Very good, thank you. 24 Attorney Baldwin? 25 ATTORNEY BALDWIN: I concur, Mr. Morissette.

1 MR. MORISSETTE: Thank you. Attorney Bachman?

ATTORNEY BACHMAN: I also concur, Mr. Morissette, thank you.

MR. MORISSETTE: Very good, thank you. The exhibits listed as Identifications 1 through 4 will be submitted as limited appearance public comments statements and will not be part of the record except for as stated as limited appearances, so therefore, there's no cross-examination by the Council or by the intervenors or parties.

With that we will continue with the appearance of the applicant. All right. We're going to take a ten-minute break and we will reconvene at 3:30, at which time,

MCM Holding will take the stand to -- we will be able to cross-examine them on the new exhibits that they have filed in this docket. So a ten-minute break, we'll see everybody at 3:30. Thank you, everyone.

(Recess taken from 3:20 p.m. to 3:30 p.m.)

MR. MORISSETTE: Okay. Thank you, everyone, we're back.

Is the court reporter back with us? Yes, okay, I see you,

thank you. Okay. Now, we will continue with the appearance

of the applicant -- appearance of the applicant

MCM Holding, LLC, to verify the new exhibits that they have

submitted marked as Roman numeral 2, items B12 through 16.

Attorney Chiocchio or Attorney Patrick, please begin by identifying the new exhibits you have filed in this matter and verifying the exhibits by the appropriate sworn witnesses.

ATTORNEY CHIOCCHIO: Thank you, Mr. Morissette. The applicant's exhibits include those identified in the hearing program under Roman numeral 2B, item numbers 12 through 16, and I'll ask each of our witnesses a series of questions regarding those identified exhibits and ask that they answer individually. And I'll ask our -- to perhaps come into the camera so that way you're identified. Thank you. Did you prepare or assist in the preparation of the exhibits I've identified? Virginia?

- MS. KING: Virginia King with MCM, yes.
- MR. GUSTAFSON: Matt Gustafson, yes.
- MR. GAUDET: Brian Gaudet, yes.
- 17 MR. MEAD: Jason Mead, yes.

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- ATTORNEY CHIOCCHIO: Do you have any updates or

  clarifications to the information contained within those
  exhibits?
- 21 MS. KING: Virginia King, no.
- MR. GUSTAFSON: Matt Gustafson, no.
- MR. GAUDET: Brian Gaudet, no.
- MR. MEAD: Jason Mead, no.
- 25 ATTORNEY CHIOCCHIO: Is the information contained within

1 those exhibits true and accurate to the best of your 2 knowledge and belief? 3 MS. KING: Virginia King, yes. 4 MR. GUSTAFSON: Matt Gustafson, yes. 5 MR. GAUDET: Brian Gaudet, yes. 6 MR. MEAD: Jason Mead, yes. 7 ATTORNEY CHIOCCHIO: And do you adopt those exhibits as 8 your testimony in this proceeding? 9 MS. KING: Virginia King, yes. 10 MR. GUSTAFSON: Matt Gustafson, yes. 11 MR. GAUDET: Brian Gaudet, yes. 12 MR. MEAD: Jason Mead, yes. 13 ATTORNEY CHIOCCHIO: Thank you. Thank you, 14 Mr. Morissette, we'd ask that MCM's exhibits be accepted into 15 the record. 16 MR. MORISSETTE: Thank you, Attorney Chiocchio. 17 party or intervenor object to the admission of the applicant's new exhibits? Attorney Baldwin? 18 19 ATTORNEY BALDWIN: I'm not sure if you heard me. 20 objection. 21 MR. MORISSETTE: Thank you, I heard you this time. 22 Thank you. Okay, the Grouped Resident Intervenors, JoAnn 23 Villamizer? 24 MS. VILLAMIZAR: No objection. No objection. 25 MR. MORISSETTE: Thank you. Grouped Business

- 1 Intervenors, Ann Taylor?
  - MS. VILLAMIZAR: She's not present. She has no objection.
- MR. MORISSETTE: Very good, thank you. The exhibits are hereby admitted. We will now continue with cross-examination of the applicants on the new exhibits by the Council.
- 7 | Starting with Mr. Mercier, followed by Mr. Silvestri.
- 8 Mr. Mercier.

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- 9 MR. MERCIER: I have no questions, thank you.
- 10 MR. MORISSETTE: Thank you. Mr. Silvestri, followed by
  11 Mr. Nguyen. Mr. Silvestri.
  - MR. SILVESTRI: Thank you, Mr. Morissette. I'd like to refer to drawing SP2. And one of the questions I have on that, I see a difference inside the compound with the revised drawing now has three additional propane tanks, each at 500 gallons versus the original drawing, which only had two propane tanks at 500 gallons; is that correct?
  - MR. MEAD: Good afternoon, Mr. Silvestri. Yes, that is correct. Jason Mead.
  - MR. SILVESTRI: Okay. Then I've been studying the two inside the compounds. I can't see any other changes that are there. If there are any changes could you point them out?
- MR. MEAD: There are no other changes --
- MR. SILVESTRI: Just -- okay, just the propane tanks,
  thank you. Then a related question on that. I guess Verizon

- 1 would have 1,000-gallon tank of propane. The other three would be 500-gallon tanks. Is that the norm for additional 2 3 carriers, or would the tank size be increased, or how is the 4 500-gallon tanks justified? MR. MEAD: The trend in the industry has been 5 6 500 gallons maximum. Verizon has an exception, their 7 national directive requires 1,000 gallon for a 50kW 8 generator. 9 MR. SILVESTRI: Very good, thank you. Mr. Morissette, 10 that's all the questions I have, thank you. 11 MR. MORISSETTE: Thank you, Mr. Silvestri. We'll 12 continue with cross-examination of the applicant by 13 Mr. Nguyen, followed by Mr. Golembiewski. Mr. Nguyen. MR. NGUYEN: Mr. Morissette, I have no questions. Thank
- 14 15 you.
  - MR. MORISSETTE: Thank you, Mr. Nguyen. We will now continue with cross-examination with Mr. Golembiewski, followed by myself. Mr. Golembiewski.

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- MR. GOLEMBIEWSKI: Thank you, Mr. Morissette. I just had a question regarding the revised plans. I wanted to confirm that the utility connections are the same, they have not been revised since the initial plan?
- MR. MEAD: Good afternoon, Jason Mead again. That is correct. There is no -- there have not been any changes to the proposed utility runs to the compound.

MR. GOLEMBIEWSKI: Thank you. And then my second question, I know the issue of trying to move the compound to approximately 100 feet from the wetlands, if Mr. Gustafson, could you remind me why that -- why that's not being proposed again.

MR. GUSTAFSON: Good afternoon, Matthew Gustafson for the record. The reason behind the location of the compound being where it is from an environmental impact statement perspective, is that moving it farther to the east would result in greater tree clearing, as well as grading, and proliferation of the forested habitat, as well as moving it closer to Wetland 2, which has the imbedded vernal pool resource, as well as moving the compound outside of the 100 foot buffer that I expect would provide additional, or substantial additional buffering to Wetland 1 that would compensate for those additional impacts.

MR. GOLEMBIEWSKI: Okay. Thank you. My last question, there was, I guess, some questions as to how can a 100-foot -- 150-foot monopole that is significantly above the tree line, how can it have such limited visibility?

And I guess if -- if you could sort of summarize as well -- as concisely as you can why the visibility in this case is -- I think it ends up being less than 1 percent of the viewshed or -- so if you could just explain to me, why exactly the visibility is pretty limited in this case?

MR. GAUDET: Yeah, Brian Gaudet with APT. It's -- it's perspective is what it comes down to. I think the easiest way to describe this would be, if you see a 150-foot tower and you're 200 feet away from it, if there's a tree one foot in front of that tower you're going to see -- let's say an 80-foot tree, one foot in front of that tower, you're going to see, for arguments sake, 69 feet of that tower, if my math is correct, there. It's been a while since I've done it off my head but, if you move that tree to 100 feet from the tower the mid point between you and the tower, you might only see the top 20 feet of that tree.

So as -- as the visual obstructions in this case, where you have pretty significant tree cover in the area, impede your view as you get closer to those obstructions, so if there is a tree directly in front of you, you're not going see any of the tower. If you move 10 feet back you might not see any of the tower. That's the perspective that I'm talking about.

If you've ever seen line-of-sight drawings on engineering documents, sometimes they -- those can play well in situations like this to explain it. Unfortunately, there's none on the record, but that's the general concept is that, you know, obstruction as it moves closer to the viewer, obstructs more of the object behind it.

MR. GOLEMBIEWSKI: How does the topography in the area

of the tower site versus say the closest homes. How does that play into effect or if -- or does it?

MR. GAUDET: It does it in a somewhat similar concept. You're now, instead of looking straight out at the tower, you're looking more up. This point is one of the higher points in the area, from my time driving around that area. Most of the roads and residential properties sit at a lower grade than where the tower is proposed. So you would be looking up, even if there were no trees, the topography itself would -- would impede the views. If there were no trees you would certainly see more of the tower from a year-round perspective. With the trees you can see the tower through the trees, but they wouldn't be extending above the tree line, again, with the trees being there and the fact that your perspective is that you're looking up a hill as opposed to down.

MR. GOLEMBIEWSKI: Okay. Thank you very much. Thank you to the panel. Mr. Morissette, that's all I have.

MR. MORISSETTE: Thank you, Mr. Golembiewski. With that, I didn't quite understand what was -- why was the new drawings submitted into evidence. Was it just to reflect the tanks, the fourth tank is -- that's the only reason why you filed it?

MR. MEAD: Good afternoon, Mr. Morissette.

MR. MORISSETTE: Good afternoon.

- 1 MR. MEAD: Yes, that is correct to purely demonstrate that we could indeed fit another tank within the compound. 2 MR. MORISSETTE: Okay, very good. Okay, thank you. 3 4 That's all the questions I have. With that, we will continue with cross-examination of applicant on the new exhibits by 5 Verizon Wireless. Attorney Baldwin. 6 7 ATTORNEY BALDWIN: We have no questions, Mr. Morissette. 8 MR. MORISSETTE: Thank you, Attorney Baldwin. We will 9 now continue with cross-examination of applicant on the new 10 exhibits by the Grouped Resident Intervenors. 11 JoAnn Villamizer. MS. VILLAMIZAR: Hi, I just have one question. It's 12 13
  - MS. VILLAMIZAR: Hi, I just have one question. It's following up to a previous question. Relative to moving the facility 100 feet away from Wetlands 1, in response to interrogatory number 8 of my second set of interrogatories, you indicated that the infrastructure trails and usage by the camp prohibit movement that 50 feet; is that correct?

    MR. MEAD: Good afternoon, Jason Mead. Yes, that is
  - MR. MEAD: Good afternoon, Jason Mead. Yes, that is correct.
    - MS. VILLAMIZAR: Okay, thank you.

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- 21 MR. MORISSETTE: Very good, thank you. We will now 22 continue with cross-examination --
- MS. VILLAMIZAR: Sorry, I'm sorry. I missed Mr. Keyes's questions.
  - MR. MORISSETTE: Very good, please continue.

MS. VILLAMIZAR: Sorry, I'm very sorry. Verizon's

1,000-gallon standard verses MCM's 500-gallon standard, could

you clarify why you would be putting in the 1,000-gallon -
gallon-tank if, in fact, yours is a 500-gallon standard.

MR. MEAD: Good afternoon, Jason Mead. I think I can

MR. MEAD: Good afternoon, Jason Mead. I think I can answer that question. Verizon's national directive, as I mentioned earlier, for a 50kW generator, requires a certain amount of runtime, and with that, we need the water capacity and the gallons that would be proposed within 1,000-gallon tank. 500-gallon tank would not base sufficient for that 50kW.

MS. VILLAMIZAR: So you don't anticipate that additional cell providers would be using the same size generator, they would use and a smaller one?

MR. MEAD: The trend has typically been smaller generator, yes.

MS. VILLAMIZAR: Okay. So then, I don't get that, I already ask that one. Thank you.

MR. MORISSETTE: Thank you. We will continue with cross-examination of applicant on the new exhibits by Grouped Business Intervenors. Ann Taylor.

MS. VILLAMIZAR: Ann Taylor is not present and she has no questions.

MR. MORISSETTE: Very good, thank you. Very good, that concludes our hearing for this afternoon. Before closing the

evidentiary record in this matter, the Connecticut Siting
Council announces that briefs and proposed findings of fact
may be filed with the Council by any party or intervenor no
later than February 22, 2024.

A submission of briefs or proposed findings of fact are not required by this Council, rather we leave it to the choice of the parties and intervenors. Anyone who has not become a party or intervenor but who desires to make his or her views known by the Council may file written statements with the Council within the 30 days of the date thereof. Council will issue draft findings of fact and therefore after parties and intervenors may identify errors or inconsistencies between the Council's draft findings of fact and the record. However, no new information, no new evidence, no arguments, and no reply briefs without our permission will be considered by the Council.

Copies of the transcript of this hearing will be filed in the Redding Town clerk's Office for the convenience of the public. I hereby declare this hearing adjourned, and thank you, everyone, for your participation. Have a good evening, and stay safe with the storm coming in. Bye now.

(The hearing was adjourned at 3:45 p.m.)

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I, STEVA BROWN, Professional Certified Verbatim Reporter and Notary Public, do hereby certify that pursuant to notice, the foregoing pages were reduced to writing by me, and this hearing is a true and accurate record of the testimony given by the witnesses. I do hereby state that I took the proceeding on January 23, 2024 by remote means.

I further certify that I am neither attorney or counsel for, nor related to or employed by any of the parties to the action in which this proceeding was taken, and further that I am not a relative or employee of any attorney or counsel employed by the parties thereto or financially interested in the action.

> Steva Brown, CVR Notary Public,

State of Washington

My Commission Expires: November 1, 2027 Remote Online Notary Endorsement