

ATTACHMENT

For Item

#6

Wednesday,
August 7, 2019

PUBLIC COMMUNICATION RECEIVED BY THE
CLERK OF THE BOARD

DISTRIBUTED 07/31/19

From: Jacob, Dianne
Sent: Tuesday, July 30, 2019 2:25 PM
To: FGG-DL, LSDOCS
Subject: FW: 5G cell tower map exist?

-----Original Message-----

From: henkinp@earthlink.net <henkinp@earthlink.net>
Sent: Tuesday, July 30, 2019 2:24 PM
To: Jacob, Dianne <Dianne.Jacob@sdcounty.ca.gov>
Subject: 5G cell tower map exist?

The implementation and effects (particularly medical) of 5G technology are controversial. Not sure whether it should be widely implemented, especially near schools, children's parks, and so on. I am wondering whether there is a map or list showing where 5G cell towers or sites actually are. Thank you.

Regards, Paul Henkin
henkinp@earthlink.net
4522 Villas Dr.
Bonita

From: Robert Gonsett <robert.gonsett@gmail.com>
Sent: Tuesday, July 30, 2019 3:25 PM
To: FGG-DL, LSDOCS
Subject: PDF for Filing & Distributing in the Small Cell Proceeding
Attachments: 20190730 Supplemental Material Submitted by Robert Gonsett w-A.pdf

Please file the attached pdf in the Small Cell zoning proceeding and copy each member of the San Diego County Board of Supervisors. The Small Cell proceeding is tentatively scheduled to be heard by the Board on August 7, 2019.

A return e-mail would be appreciated confirming receipt of this package. Please do not hesitate to call or write if you have any questions whatsoever.

Thank you, Robert Gonsett
760-723-2700

Before the San Diego County Board of Supervisors

In the matter of: Zoning Changes to Accommodate
Small Cell Wireless Facilities in
San Diego County

Supplemental Material Submitted by Robert F. Gonsett on July 30, 2019

This packet contains supplemental material in support of specific zoning language changes that are proposed in the above captioned matter. The material is largely self-explanatory and is intended to compliment a verbal presentation before the San Diego County Board of Supervisors. The suggested zoning language changes have evolved over time and the final recommended changes are shown on the last page of this packet.

List of Seven Attachments

- Attachment 1: June 17, 2019 Comments of Robert F. Gonsett before the Fallbrook Community Planning Group. (2 pages)
- Attachment 2: June 23, 1980 FCC letter of appreciation to Robert Gonsett re resolution of television interference (TVI) originating from Camp Pendleton. (1 page)
- Attachment 3: April 2006 NCFPD letter re their reliance on Robert Gonsett's assistance in resolving radio frequency interference problems. (1 page)
- Attachment 4: July 2007 UCSD letter indicating their history of relying on Robert Gonsett's monitoring services to help resolve a severe interference issue for their police department. (1 page)
- Attachment 5: August 2007 CBS Radio letter in appreciation of Robert Gonsett's monitoring laboratory for his assistance in getting the San Bernardino EAS system back on track during a wildfire situation and urging protection for the laboratory from being crippled by the proposed proximity of cell towers. (2 pages)
- Attachment 6: December 2007 letter from the Fallbrook Amateur Radio Club re their appreciation for Robert Gonsett's laboratory and its assistance in identifying sources of interference in the areas of their work with NCFPD, Red Flag Patrols for Cal Fire and CERT. (1 page)
- Attachment 7: Proposed Zoning Ordinance Text Additions Prepared by Robert F. Gonsett, July 29, 2019. (1 page)

Comments on the "Small Cell Wireless Facilities" Proceeding of San Diego County, CA

June 17, 2019 Comments of Robert F. Gonsett
before the Fallbrook Community Planning Group

Good evening,

My name is Bob Gonsett and I live at 2685 Alta Vista Drive in Fallbrook — that is at the corner of Alta Vista and Winterwarm close to NCFPD Fire Station #2.

I am a graduate of the Massachusetts Institute of Technology in Electrical Engineering and am president of Communications General Corporation, consulting radio engineers. We are involved with the design and technical operation of high powered broadcast facilities and I personally operate a sensitive receiving laboratory at home. That's because the location is in a radio-quiet zone — meaning that there are no strong signals nearby to cause interference. The lab is used to keep broadcast stations precisely on frequency, to resolve interference issues and to address U.S./Mexican signal disputes; however, the number one priority is to assist with remedying any problems impacting public safety communications.

There are no known cell sites within a one mile radius of my property. In the past 29 years, there have been four unsuccessful attempts to build cell towers within that mile radius.

The rollout of small cell wireless sites as currently proposed is concerning because these sites will potentially be located just about everywhere and stand to compromise or cripple monitoring activities by either overwhelming the receiving equipment with strong/nearby signals or causing interference through a variety of other mechanisms. Past attempts to work with the cell companies toward compromise solutions have not been successful.

According to Minute Order No. 2 of the San Diego County Board of Supervisors dated February 27, 2019, the Board has directed its Chief Administrative Officer to, "...study avoidance of sensitive sites...." The work done by my lab qualifies it as a sensitive site and I am asking that the one mile radius around the lab be officially recognized as an Avoidance Area for cellular

operations both big and small. (The issue here is avoiding radio interference which is much different than the 1000' protection zones already offered to schools, hospitals and the like for aesthetic reasons.)

The County is already dealing with radio frequency interference matters, so this is nothing new. Page 7 of the "strike-through/underline" zoning document draft of May 30, 2019, numbered paragraph 11, extends interference protection to the County's Regional Communications System which carries police, fire and other vital radio communications.

Whether you vote for or against the County's proposal now before you, please immediately forward my concerns to the County and ask that staff work with me to develop suitable language to be incorporated into the zoning code draft to bring the necessary protections about. Time is of the essence. Because Fire Station #2 is so close to me, the one mile circle could be centered on Fire Station #2 instead of my residence. This station is well elevated and would serve as a valuable simplex relay point if conventional communication systems failed.

Thank you.

FEDERAL COMMUNICATIONS COMMISSION

WASHINGTON, D.C. 20554

June 23, 1980

IN REPLY REFER TO:

7840 El Cajon Blvd. Room 405
La Mesa, California 92041

Communications General Corporation
Mr. Robert Gonsett, President
518 Neptune Avenue
Encinitas, California 92024

Dear Bob:

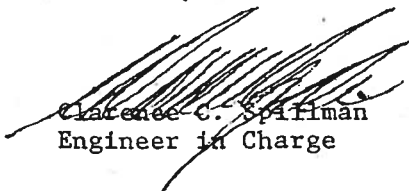
Reference your as-usual, fine follow through on TVI originating from Camp Pendleton February 21, and May 6, 1980.

You did it again! Without the industry consciousness exemplified by this type of action we fear that public service would often go begging. Thanks for being there.

Let me apologize for not being a very good host during your (first) office visit the other day, but I assume that Bob Haggerty took good care of you.

We should have lunch before my leaving September 30, 1980.

Sincerely,



Clarence C. Spaffman
Engineer in Charge

James H. W.

NORTH COUNTY FIRE PROTECTION DISTRICT

315 East Ivy Street • Fallbrook, California 92028-2138 • (760) 723-2005 • Fax (760) 723-2004 • www.ncfire.org

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County of San Diego
Department of Planning & Land Use
5201 Ruffin Rd., Suite B
San Diego, CA 92123

RECEIVED

APR 19 2006

Fallbrook Community Planning Group
C/O Mr. James Russell
205 Calle Linda
Fallbrook, CA 92028

San Diego County
DEPT. OF PLANNING & LAND USE

Re: Proposed Nextel Cellular Tower Installation, 2532 Green Canyon Rd.,
Fallbrook, CA; County Discretionary Project Application P05-023.

The North County Fire Protection District ("NCFPD"), serving the communities of Fallbrook, Bonsall and Rainbow, hereby registers its strong opposition to the above-captioned Nextel cellular tower installation planned for Green Canyon Road in Fallbrook. NCFPD understands that the proposed tower will be located approximately 1000 feet north northwest of the commercial receiving antennas operated by Mr. Robert F. Gonsett of Fallbrook and that the Nextel transmitters are expected to seriously disrupt his unique receiving capability.

Since NCFPD has relied on Mr. Gonsett's direction finding activities to help resolve radio frequency interference problems to fire fighting frequencies in the past, and because NCFPD could reasonably be expected to use his services again now that NCFPD has migrated its fire communications to the 800 MHz band (the same band that Nextel uses), NCFPD strongly opposes the Nextel application as it stands.

Sincerely,


William R. Metcalf
Fire Chief

cc: Robert F. Gonsett



PROUDLY SERVING THE COMMUNITIES OF FALLBROOK, BONSALE AND RAINBOW



ADMINISTRATIVE COMPUTING & TELECOMMUNICATIONS

9500 GILMAN DRIVE
LA JOLLA, CALIFORNIA 92093-0320July 23rd, 2007

Mr. Joseph Farace
Planning Manager
County of San Diego
Dept. of Planning and Land Use
5201 Ruffin Road, Suite B
San Diego, CA 92123

Re: Nextel Green Canyon Tower Application P05-023 (Fallbrook)

Dear Mr. Farace:

It is my understanding that Nextel has proposed to install a cellular base station in the vicinity of the frequency and spectral monitoring laboratory operated by Mr. Robert Gonsett in Fallbrook, CA and that this base station would cripple his monitoring activities. We oppose any installation that would have this deleterious effect. The University of California at San Diego ("UCSD") has relied on various services provided by Mr. Gonsett over the past several years including frequency and spectral measurements from his laboratory.

Mr. Gonsett has assisted the UCSD police department on a number of occasions in order to resolve interference and other issues affecting our public safety communications. For example, before the majority of our communications moved to the 800 MHz band, he performed monitoring activities to pinpoint various sources of interference to police communications. When our communications moved to the 800 MHz band with a trunking radio system on Mt. Soledad, Mr. Gonsett was called on again to monitor, diagnose and eliminate severe interference to our system -- interference that was traced to a specific high powered transmitter on Mt. Soledad and corrected under his direction. Later, when we noticed that weak signals were having problems reaching our system, we called on his monitoring services again and the problem was quickly diagnosed and solved.

In summary, Mr. Gonsett has repeatedly used his laboratory and his expertise to remedy public safety communications problems for UCSD. Any impact on his ability to quickly diagnose problems is strongly opposed.

Sincerely,



Ron Brogdon
Manager Wireless Services

cc: Robert Gonsett, 2685 Alta Vista Drive, Fallbrook, CA 92028 ✓



August 7, 2007

Mr. Joseph Farace, Planning Manager
San Diego County Dept. of Planning and Land Use
5201 Ruffin Road, Suite B
San Diego, CA 92123

RE: County App. P05-023, Nextel Green Canyon Tower, Fallbrook, California

Dear Mr. Farace:

I am writing to oppose the **Nextel Green Canyon Tower installation in Fallbrook.**

In October 2003, both San Diego and San Bernardino Counties suffered tragic wildfires. One key difference in the two disasters was that the San Bernardino/Riverside Emergency Alert System was on the verge of collapse, and it was Mr. Robert Gonsett who helped get the system back. Mr. Gonsett is an integral part of the Southern California Broadcast Community providing invaluable services to the industry from his location in Fallbrook, California.

The Nationwide Emergency Alert System ("EAS") is designed to relay important official government messages to the general public. These can be extremely vital messages such as "evacuate immediately" warnings. The EAS works by having designated "primary" and "secondary" radio broadcast stations relay emergency messages to other radio and TV stations in a given operational area. If the primary and secondary stations fail, generally speaking, the daisy-chained EAS fails.

The October 25, 2003, fire destroyed the primary EAS transmitter serving San Bernardino and Riverside Counties, in effect, taking down the primary EAS radio station KFRG(FM), owned by our company. KFRG reestablished operations, the next day, by borrowing KGGI(FM), Riverside's backup facilities on another mountain. KGGI happens to be the secondary EAS station for the San Bernardino/Riverside operational

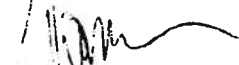
area. After we turned KGGI's backup transmitter to KFRG's frequency, Mr. Gonsett stepped forward to take spectral measurements to ensure that the borrowed transmitter was not "spurring" and creating interference for other radio users. (The last thing anyone needs in an emergency is to have a high powered broadcast transmitter creating interference for already overcrowded radio channels.) Mr. Gonsett also prepared and published an article in his company's newsletter to explore other options for our station should we lose the use of KGGI's equipment.

As the wildfires progressed, we were notified that KGGI's primary transmitter had failed and that KGGI wanted KFRG to relinquish the use of KGGI's backup facilities. We also learned that the National Weather Service ("NWS") transmitter for San Bernardino and Riverside had failed dealing another blow to EAS. (The NWS transmitter is authorized to carry evacuation or other critical emergency announcements in a pinch.) Eventually the San Bernardino/Riverside EAS got back on its feet but, for a while the system was in a state of meltdown just when it was needed most -- in the heart of widespread wildfires.

Mr. Gonsett's services are always exemplary. He helped KFRG, the primary EAS station for San Bernardino/Riverside, reestablish operations during emergency conditions. Nextel is proposing to install a cellular tower near Mr. Gonsett's laboratory which in effect will cripple his operation. I urge you to recommend a denial of the Nextel application. Mr. Gonsett provides a valuable and well established service that operates behind the scenes to benefit millions of people in Southern California. That help could be needed in Los Angeles, Orange, and San Diego Counties since his monitoring operation receives signals from all of these areas.

It is for these reasons that the proposed Nextel Green Canyon tower is adamantly opposed.

Sincerely,



Scott Mason

**Regional Director of Engineering
CBS Radio**

cc: ~~Robert Gonsett~~, 2685 Alta Vista Drive, Fallbrook, California 92028
Catherine Deaton, District Director FCC; Cerritos Office



Fallbrook Amateur Radio Club

146.175

PL107.2



445.600

PL107.2

1211 Via de Maranatha, Fallbrook, CA 92028-3634

An ARRL Affiliated Club



December 6, 2007

Ms. Katie Hughes
Regulatory Planning
Department of Planning and Land Use
5201 Ruffin Road, Suite B
San Diego, CA 92123


Dear Ms. Hughes:

The Fallbrook Amateur Radio Club ("FARC") is voicing its strong opposition to the proposed Sprint Nextel Green Canyon tower (County application P05-023) because of the tower's proximity to the radio monitoring Laboratory of Mr. Robert Gonsett. FARC provides emergency backup communications for the North County Fire Protection District, runs fire-watch Red Flag Patrols for Cal Fire and furnishes area-wide communications for Fallbrook's Community Emergency Response Team ("CERT"), so we are heavily involved in public safety work.

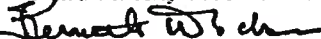
Mr. Gonsett's laboratory has been of immense value to our organization over the years by helping to identify various sources of interference. For example, on or about October 27, 2007, during the final stages of the Rice Fire that destroyed 206 structures, our radio repeater system on Red Mountain was suddenly hit by an unknown source of interference. FARC was carrying fire-related communications for CERT at the time. Not only did Mr. Gonsett take measurements from his lab that helped us pinpoint the source of the interference, he followed up by giving the agency that had accidentally caused the interference an opportunity to resolve the Problem, which we believe, impacted Cal Fire's communications as well. I am happy to report that the interference was fixed quickly and without the intervention of the FCC, the County of San Diego or any other regulatory agency that was undoubtedly stretched thin because of the wildfires. This is reflective of the kind of work that Mr. Gonsett has done over and over again in public safety cases.

Now that the County has put the vast majority of its emergency communications "eggs" in the 800 MHz Regional Communications System ("RCS") "basket," someone needs to watch that basket carefully. Mr. Gonsett does that for us locally, using precision test equipment and drawing on his years of experience as the 900 MHz broadcast auxiliary frequency coordinator for southern California. We understand that Sprint Nextel interference will cripple his monitoring business, much to the detriment of quickly resolving public safety cases in our portion of north San Diego County. For these reasons we adamantly oppose the Sprint Nextel Green Canyon tower. Public safety is what this case is all about. Thank you for your consideration.

On behalf of the Fallbrook Amateur Radio Club,


Bigelow Parker, President


Ronald Patten, Vice-President


Kenneth Dickson, Secretary/Treasurer

cc: Robert Gonsett

In the Matter of Small Cell Wireless Facilities, San Diego County, CA
Proposed Zoning Ordinance Text Additions
Prepared by Robert F. Gonsett, July 29, 2019

Following are two proposed additions to Attachment X of San Diego County's "clean draft" zoning text dated May 30, 2019 in the above captioned matter. These changes will (a) promote the continuation of the one mile radius radio quiet zone for full-scale cell sites that currently exists around the Fallbrook radio frequency monitoring laboratory and (b) provide a 1,000 foot buffer for the laboratory against small cell wireless ("SCW") sites.

The first suggested change is on page 6 of Attachment X and deals with full-scale cell sites. Existing numbered paragraph 11 is reproduced below followed by the proposed addition of a numbered paragraph 12 (which is underlined):

11. For all applications for wireless facilities operating below 1200 megahertz, submit a copy of the Federal Communications Commission Licensing Application Form 601, Main Form, Pages 1 through 4, Schedule A, Page 1, Schedule D, Page 1 and Schedule H, Pages 1 through 3. The application shall be reviewed by the Sheriff's Wireless Services Unit to determine potential interference with the Regional Communications System. Interference with that system may be grounds for denial.

12. For all applications for wireless facilities within one statute mile of the Fallbrook radio frequency monitoring laboratory at 2685 Alta Vista Drive, Fallbrook, CA, submit complete contact and technical data on each proposed facility including the distance and direction from the monitoring laboratory to the facility. The data shall be reviewed by the Alta Vista Watch Officer at the 2685 address to determine potential interference with monitoring equipment. Interference with that equipment may be grounds for denial.

The second and last suggested change is on page 15 of Attachment X and concerns small cell wireless sites. The current text (without underlining) of numbered paragraph 3 is reproduced below and the proposed addition is underlined:

3. SCWs shall not be located within 1,000 feet of schools, child care centers, hospitals, or churches. SCWs shall not be located within 1,000 feet of the Fallbrook radio frequency monitoring laboratory at 2685 Alta Vista Drive, Fallbrook, CA. Distance, without regard to intervening structures, shall be a straight line measured from the closest property lines.

From: Jacob, Dianne
Sent: Wednesday, July 31, 2019 9:05 AM
To: FGG-DL, LSDOCS
Subject: FW: 5G

-----Original Message-----

From: Gail Wester <gweste@att.net>
Sent: Tuesday, July 30, 2019 4:44 PM
To: Jacob, Dianne <Dianne.Jacob@sdcountry.ca.gov>
Subject: 5G

We need testing!!!!
This is insane the way it's being pushed through.
GailWester

Sent from my iPhone