I. INTRODUCTION

This appeal came on regularly for hearing before Administrative Hearing Officer Jonathan C. Navarro on December 1, 2020 at 10:00 AM via WebEx virtual hearing. The WebEx hearing was administered by Daniel Ramirez with the Public Works Department (“PWD”) for the City of Long Beach. The Appellants, Michael Rahban, Kathy Dasilva, Carl Dasilva, Melanie Gore, and Greg Gore (“Appellants”) appeared pro se. The City of Long Beach (“City” or
“Respondent”) appeared and was represented by Erin Weesner-McKinley, Esq. with the Office of the City Attorney for the City of Long Beach. Applicant Los Angeles SMSA Limited Partnership, D/B/A Verizon Wireless (“Verizon” or “Applicant”) appeared and was represented mainly by Daisy Uy Kimpang. The following also appeared for the Applicant: Barbara Breeden, Bill Hammett, Charaka Wijeweera, Elizabeth Nygard, Esperanza Benitez, Gary Kraus, Korina Arvizu, and Mario De La Mora. The PWD for the City of Long Beach was represented by Joshua Hickman and Pablo Leon. No member of the public appeared during the hearing.

II. STATEMENT OF FACTS

The facts in this matter are not in dispute. On or around February 7, 2020, Verizon submitted an application ("Application") for a permit to the City for the installation of a "small cell" wireless telecommunications facility ("WTF") in the public right-of-way. (Respondent’s Group Exhibit, Pages 3-12). The Application process is governed by Chapter 15.34 of the Long Beach Municipal Code ("LBMC") that includes requirements and applicable standards for WTFs in the public right-of-way to ensure that the proposed WTF complies with said requirements and standards. WTF means equipment installed for the purpose of providing wireless transmission of voice, data, images, or other information including but not limited to, cellular telephone service, personal communications services, and paging services, consisting of equipment, antennas, and network components such as towers, utility poles, transmitters, base stations, conduits, pull boxes, electrical meters, and emergency power systems. WTF does not include radio or television broadcast facilities, nor radio communications systems for government or emergency services agencies. LBMC 15.34.020.EE. “Public right-of-way” means any public highway, street, alley, sidewalk, parkway, parking lot, and all extensions or additions thereto which is either owned, operated, or controlled by the City, or is subject to an easement or
dedication to the City, or is a privately-owned area within City’s jurisdiction which is not yet
dedicated, but is designated as a proposed public right-of-way on a tentative subdivision map
approved by the City. LBMC 15.34.020.S.

The Application sought a permit for the installation of a proposed WTF in the public
right-of-way adjacent to and/or across from Appellants’ residences at 253 Ximeno Avenue, 4338
E. Vista Street, and 252 Ximeno Avenue, which are in a residential zoning district. The proposed
WTF will be integrated into a new light pole that will replace the existing light pole at the site
that is designated as “CA002_LBC_LNGBCH-153A” in the Application (“Site”). The existing
light pole is twenty-five (25) feet and five (5) inches high and the top of the existing luminaire is
twenty-six (26) feet and eight (8) inches high. (Respondent’s Gr. Ex., pp. 218-219). The
replacement light pole would be twenty-six (26) feet high and the top of the proposed luminaire
would be twenty-seven (27) feet high. (Id.) This accomplishes the City’s goal of maintaining
the same luminaire height within an eighteen (18) inch variance. Three integrated antennas will
be placed at the top of the pole, with the bottom of the antennas twenty-one (21) feet and seven
(7) inches from the ground. (Respondent’s Gr. Ex., pp. 218-219). Three (3) pull boxes for fiber
and power will be placed adjacent to the pole with all associated cables routed inside the pole.
(Id.)

Upon three (3) subsequent rounds of reviews and plan revisions—the latest being August
27, 2020—the City approved the Application on September 25, 2020. (See approval stamp on
Respondent’s Gr. Ex., pp. 210-243). Thereafter, pursuant to LBMC 15.34.030.K., a notice of the
approval was mailed out on October 2, 2020, and a posted notice was placed on the Site on
Ex., pp. 252-254 [proofs of posting]). Said posted notice triggered the commencement of the 10-
day appeal period under LBMC 15.34.030.L. The deadline for filing an appeal was October 16, 2020. Appellants filed the Appeal on October 11, 2020. (See Respondent’s Gr. Ex., pp. 1-2).

III. LEGAL AUTHORITY FOR APPEAL

LBMC 15.34.030.L. (Appeal of Tier B Wireless Right-of-Way Facility Permit)

provides …

1. Appeal Allowed. The applicant for a Tier B Wireless Right of Way Facility Permit, and/or any person owning or residing at property that is adjacent to or across the street to the location of a proposed Tier B Wireless Telecommunications Facility, may appeal an approval or denial of an application for a Tier B Wireless Right-of-Way Facility Permit. An appeal must be in writing and must be submitted to the City Clerk within ten (10) business days of the date the notice was mailed and posted as required under Subsection 15.34.030.K.2, above.

2. Public Hearing Required. If an appeal is timely submitted, an independent hearing officer selected by the City shall hold a public hearing. The City Clerk shall set a date for the hearing that is at least fifteen (15) business days, but no more than sixty (60) business days, after the City Clerk's receipt of the appeal, unless the applicant and any person submitting an appeal agree to a later hearing date.

3. Notice of Public Hearing Date. At least ten (10) business days before the public hearing, the City Clerk shall notify in writing any person submitting an appeal, the applicant, and any City department that reviewed the application of the date set for the public hearing. The City Clerk shall follow its regular procedures for notifying the general public of the hearing.

4. Public Hearing Record. The public hearing record shall include:

   a. The application and the Department of Public Works’ approval of the application;

   b. Any written determination from the Department of Public Works;

   c. Any further written evidence from any City departments submitted either prior to or during the hearing;

   d. Any written submissions from the applicant, any person submitting an appeal, or any other interested person submitted either prior to or during the hearing; and
e. Any oral testimony from any City departments, the applicant, any person submitting a protest, or any interested person taken during the hearing.

5. Hearing Officer Determination. The Hearing Officer shall issue a written resolution containing its determination within fourteen (14) business days following the close of evidence at the conclusion of the public hearing on the appeal. The resolution shall include a summary of the evidence and the ultimate determination whether to grant, grant with modifications, or deny the appeal.


a. The City Clerk shall promptly mail a notice of a determination on an appeal to both the applicant, to any neighborhood association identified by the Department of Development Services for any neighborhood within three hundred (300) feet of the approved wireless telecommunications facility, and to any person who either filed a protest, submitted evidence, or appeared at the hearing, and whose name and address are known to the Department of Public Works.

IV. LEGISLATIVE BACKGROUND FOR WIRELESS TELECOMMUNICATIONS FACILITIES

1. Federal and State Laws and Regulations

In 1996, Congress conducted a major overhaul of the telecommunications law in almost 62 years in the Telecommunications Act of 1996 ("Act"). The goal of this new law is to let anyone enter any communications business—to let any communications business compete in any market against any other. The Federal Communications Commission ("FCC") was then tasked to create fair rules for this new era of competition. The advent of the newest generation of wireless broadband technology known as "5G" requires the installation of thousands of "small cell" wireless facilities. These facilities have become subject to a wide variety of local regulations. City of Portland v. United States (9th Cir. 2020) No. 18-72689, p. 29. The
Federal Communications Commission (FCC) in 2018 therefore promulgated orders relating to the installation and management of small cell facilities, including the manner in which local governments can regulate them. Id. Sections 253(a) and 332(c)(7) of the Act provided FCC with the statutory authority for limiting local regulation on the deployment of [5G] technology that reflects congressional intent in 1996 to expand deployment of wireless services. Id. at p. 30.

These limitations provide that local government regulations:

a. shall not unreasonably discriminate among providers of functionally equivalent services, 47 U.S.C. § 332(c)(7)(B)(i)(I);

b. shall not prohibit or have the effect of prohibiting the provision of personal wireless services, 47 U.S.C. § 332(c)(7)(B)(i)(II);

c. a local government … shall act on any request for authorization to place, construct, or modify personal wireless service facilities within a reasonable period of time after the request is duly filed with such government\(^1\). 47 U.S.C. § 332(c)(7)(B)(ii).

d. No State or local government or instrumentality thereof may regulate the placement, construction, and modification of personal wireless service facilities on the basis of the environmental effects of radio frequency emissions to the extent that such facilities comply with the Commission’s regulations concerning such emissions. 47 U.S.C. § 332(c)(7)(B)(iv).

\(^1\) The FCC has specifically shortened the shot clock for approving/denying applications for installation of WTFs on existing infrastructure (i.e., collocation) from 90 to 60 days and from 150 to 90 days for all other collocation applications. *Accelerating Wireless Broadband Deployment by Removing Barriers to Infrastructure Inv.*, 33 FCC Rcd. 9088 (2018), ¶¶ 104–05, ¶ 132, ¶ 136.)
Those provisions authorize the FCC to preempt any state and local requirements that “prohibit or have the effect of prohibiting” any entity from providing telecommunications services. Id. See also 47 U.S.C. § 253(a), (d). Consequently, the FCC promulgated orders limiting local governments in regulating the deployment of 5G technology in order to remove the barriers to entry for businesses to compete in the telecommunications market.

California case law and statutory authorities provide additional regulatory guidance for installation of WTFs. Wireless providers are granted a statewide franchise to engage in the telecommunications business. Pub. Util. Code § 7901; see also T-Mobile West LLC v. City and County of San Francisco (2019) 6 Cal.5th 1107, 1117). In T-Mobile, the California Supreme Court held that while the California legislature did not intend to deprive local governments of the ability to impose aesthetic regulations and public safety issues, local agencies must nonetheless respect that statewide franchise when making decisions on proposed facilities. Id. Further, California Public Utilities Commission (“PUC” or “Commission”) reserves the right to preempt local decisions about specific sites “when there is a clear conflict with the Commission’s goals and/or statewide interests.” (PUC, General order No. 159-A (1996) p. 3 (General Order 159A), available at <http://docs.cpuc.ca.gov/PUBLISHED/Graphics/611.PDF>) Generally, the PUC will step in if statewide goals such as “high quality, reliable and widespread cellular services to state residents” are threatened. (T-Mobile West, supra, 6 Cal.5th at 1124, citing General Order 159A, at p. 3.).

2. The City’s Telecom Ordinance

On May 1, 2018, the City adopted LBMC §15.34, Wireless Telecommunications Facilities in the Public Rights-Of-Way (“Telecom Ordinance). The Telecom Ordinance governs the installation of WTFs within the jurisdiction of the City of Long Beach, and the City’s scope
of regulatory authority for the installation of WTFs is limited to this ordinance. The Telecom Ordinance provides for the requirements and standards for WTFs in the public right-of-way. These include comprehensive permit requirements and standards (LBMC 15.34.030.B), application process requirements (application, review, and approval) (LBMC 15.34.030.D), conditions of approval (LBMC 15.34.030.F), notice following approval (LBMC 15.34.030.K), and the appeal process of a Tier B\(^2\) WTF permit (LBMC 15.34.030.L). The Telecom Ordinance also provides for, among others, compliance and modifications, of WTFs after installation (LBMC 15.34.030.N; LBMC 15.34.030.S).

V. STATEMENT OF ISSUES OF APPEAL BEFORE THE HEARING OFFICER

By letter dated October 11, 2020, Appellants stated their objections regarding the alleged health effects associated with the proposed WTF. More specifically, Appellants allege that the FCC requirements for Specific Absorption Rate (SAR) are exceeded with the proposed installation. In addition, Appellants contend that the line-of-site exposer from this cell site device exposes several second floor living areas (bedrooms) which are all less than 120 feet away. Appellants cite that numerous studies show exposure to radio-frequency microwave radiation of this magnitude can result in damage to DNA, cells and organs leading to serious human health problems including cancer, neurological problems and reproductive harm.

Appellants also argue that in order to grant the permit for the proposed WTF, the City must have completed its due diligence to ensure that documentation from the installer/vendor substantiates that they are complying with Federal Law, or otherwise grant an appeal for lack of confirmation. If the City possesses documentation regarding this specific concern from the

\(^2\) “Tier B Wireless Telecommunications Facility” means a wireless telecommunications facility where the proposed location for the facility is in a Planning Protected Location, Coastal Zone Protected Location, or Zoning Protected Location.
Appellants appeal in order to receive and review such documentation pursuant to the Brown Act as identified in the California Government Code § 54950.

Upon receipt of Appellants’ letter, the Long Beach City Clerk’s office then scheduled a formal hearing with regard to Appellants’ objections.

VI. SUMMARY OF RELEVANT EVIDENCE INTRODUCED BY PARTIES

1. Appellants’ Evidence

During the WebEx virtual hearing on December 1, 2020, this hearing officer explained to all the participants the guidelines for the hearing. These include examination of witnesses and presentation of evidence. It was stated on the record that the hearing officer received the City’s submission package\(^3\) in advance of the hearing both in hardcopy and electronic format. The hardcopy was received at this hearing officer’s business address and included a Proof of Service indicating that the hardcopy was sent to said business address and to Appellants’ addresses on record. The package also included a Proof of Service that the electronic copy was transmitted to the email addresses of the hearing officer and the Applicant’s representatives. During the hearing, all parties acknowledged receipt of the City’s submission package.

On the morning of December 1, 2020 and immediately preceding the hearing, Appellants submitted an appeal brief by e-mail to all interested parties. In their brief, Appellants further state that “six of seven adjacent residences have second floor living quarters as close as 70 feet from the proposed antennas . . . estimated power density for these residences that house more than 12 adults and 9 minors qualifies medium power densities under World Health Organization classifications, where weak but noticeable thermal effects exist.”

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\(^3\) The City’s submission package included a copy of Appellants’ letter dated October 11, 2020.
Appellants also requested the following in their appeal brief:

- Select antenna locations that are not adjacent to residences with second floor living quarters; alternatively, for locations with adjacent residences with second floor living quarters, locate the antennas at a higher elevation so that second floor living quarters are analogous to ground level relative to the antenna elevation;

- A copy of the full radio frequency electromagnetic fields exposure analysis that supports the letter June 5, 2020;

- A pre- and post- radio frequency emission study for this particular location;

- Specific site monitoring and testing plans. If they do not exist, [Appellants] request annual testing of random sample of Verizon’s small cell antennas each year. If any are out of compliance with federal health, safety, and radio frequency regulations, Verizon must immediately shut down the site and remedy the situation. Moreover, Verizon will then be required to test a larger sample of small wireless facilities;

- Information pertaining to small cell antennas and risk factors relating to health and/or life insurance;

- Written documentation of any and all corporate and/or other legal entities indemnifying the City for potential liabilities. More generally, who is responsible and accountable for potential health and/or environmental liabilities?
These same items were also addressed by the Appellants on the record during the appeal hearing.

2. The City’s (and Applicant’s) Evidence

In advance of the formal hearing, the City submitted the following evidence (Respondent’s Group Exhibit) in support of its opposition to the appeal:

- October 11, 2020 Appeal Letter to the City of Long Beach from Michael Rahban, Kathy & Carl Propst-Dasilva, and Melanie & Greg Gore (Respondent’s Group Exhibit, Pages 1-2)
- Verizon’s February 7, 2020 City of Long Beach Application (Respondent’s Group Exhibit, Pages 3-12)
- Verizon Master License Agreement (MLA) (which includes Verizon’s maintenance obligations) (Respondent’s Group Exhibit, Pages 13-107)
- Small Cell Noise Study (Respondent’s Group Exhibit, Pages 108-126)
- Coverage Map - Verizon (Respondent’s Group Exhibit, Page 127)
- Structural Analysis (Respondent’s Group Exhibit, Pages 128-207)
- September 25, 2020 - Approved Application (Respondent’s Group Exhibit, Pages 210-243)
- Tier B Justification (Respondent’s Group Exhibit, Pages 244-246)
- Mailing and Posting Notification (Respondent’s Group Exhibit, Pages 247-000254)
On the morning of December 1, 2020 and immediately preceding the hearing, Applicant submitted two (2) documents from Hammett & Edison, Inc., Consulting Engineers. The first is a letter signed by William F. Hammett, P.E., that contradicts Appellants’ assertion that Specific Absorption Rate (SAR) are exceeded with the proposed WTF installation, and that all exposure levels are well below the FCC limits. The second is a statement, also signed by William F. Hammett, P.E., certifying that the “operation of the small cell proposed by Verizon Wireless near 253 Ximeno Avenue in Long Beach, California, will comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment.”

In addition to the statements submitted by the Applicant prior to the hearing, the Applicant also conducted a presentation during the hearing that discussed the (1) increasing need for better wireless infrastructure in the City of Long Beach, (2) photo depictions of the existing light pole and proposed WTF, (3) alternative locations for the proposed WTF that were evaluated by Applicant, and (4) health and safety key facts regarding wireless RF technology.

Upon conclusion of Applicant’s presentation, no additional evidence was submitted by the Appellants, City, or Applicant during the hearing. However, all interested parties were provided until the end of business day on December 4, 2020 to submit their final arguments regarding the appeal. On December 4, 2020, the City and Applicant both submitted their final arguments. In further support of its final arguments, Applicant also submitted a Radio Frequency – Electromagnetic Energy (RF-EME) Jurisdictional Report.

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VII. DISCUSSION

1. Health Concerns

Appellants’ sole issue addressed on their appeal letter relates generally to “health concerns.” (Respondent’s Gr. Ex., pp. 1-2). More specifically, Appellants allege that the FCC requirements for Specific Absorption Rate (SAR) are exceeded with the proposed WTF installation. In support of their allegation, Appellants provided power density estimates for each of the residence near the Site. However, in response to the Appellants’ estimated figures, Applicant submitted several reports from their engineering consultant indicating that exposure levels are well below the FCC limits and that the proposed WTF near 253 Ximeno Avenue will comply with the prevailing standards for limiting public exposure to radio frequency energy.

Furthermore, the City’s regulatory authority in this regard is limited and preempted by federal law. 47 U.S.C. § 332(c)(7)(B)(iv) (“No State or local government or instrumentality thereof may regulate the placement, construction, and modification of personal wireless service facilities on the basis of the environmental effects of radio frequency emissions to the extent that such facilities comply with the [FCC]’s regulations concerning such emissions.”) The Applicant’s submission of several reports demonstrating that the emissions from the proposed WTF is within general population and occupational limits established by the FCC for radio frequency emissions complies with FCC regulations. There is, therefore, no basis to deny the approved permit for the proposed WTF on the basis of “health concerns.”

2. Appellants’ Requests in their Appeal Brief

Appellants also made several requests in their appeal brief that was submitted immediately prior to the hearing. However, these requests are outside the scope of authority and
jurisdiction vested into this hearing officer pursuant to LBMC 15.34.030, and may not form the basis to either grant or deny the permit for the proposed WTF.

VIII. RECOMMENDATION

Appellants are credible witnesses. This hearing officer has no reason to doubt the veracity and sincerity of Appellants’ statements in either their appeal letter (and appeal brief) or during the formal hearing. However, inasmuch as Appellants’ concerns and grievances warrant serious consideration, Appellants have otherwise offered no legal basis or relevant evidence in support of their appeal. In contrast, the City submitted a comprehensive package in opposition to the appeal that included its brief and supporting legal authorities and relevant evidence. The City’s evidence included all the materials and documentation that the Applicant submitted to the City as part of the application process. After three (3) rounds of review and plan revisions, the City determined that the Applicant’s proposed WTF met all the applicable requirements and standards set forth in the LBMC 15.34, and approved the permit application accordingly. In addition, the Applicant submitted several reports addressing specifically the issues raised by Appellants in order to demonstrate that the emissions from the proposed WTF is within general population and occupational limits established by the FCC for radio frequency emissions. As stated above, this hearing officer is bound by the provisions of the LBMC 15.34, and cannot look elsewhere in making its determination. Accordingly, this hearing officer has found nothing on the record to determine that the Applicant’s permit for the proposed WTF was granted in violation of LBMC 15.34.

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Based on the foregoing, this hearing officer hereby recommends that Appellants’ appeal be denied and that Applicant’s permit for the proposed WTF be upheld.

Dated this 23rd day of December 2020

/s/ JONATHAN C. NAVARRO, ESQ.
Administrative Hearing Officer