

McClenagan, Laura

Subject: FW: PWM Inc. Sun Valley Communication Tower Project Information
Attachments: BP App - N. Arcata.pdf

From: Thomas McMurray <tjmcjr@outlook.com>
Sent: Wednesday, August 11, 2021 12:19 PM
To: Johnson, Cliff <CJohnson@co.humboldt.ca.us>; Thomas McMurray <tjmcjr@outlook.com>
Cc: Brian Millar <brian@landlogistics.com>
Subject: PWM Inc. Sun Valley Communication Tower Project Information

Hello Cliff: I wanted to make sure that all Members of the Commission, Planning Staff and the Public would have access to this email. I was unsure if it was allowed to send information direct to Commissioner's emails. My past experience in government has suggested, and most times mandated, that all correspondence be sent to and distributed by the Regulatory Agency. This process allows all participants to have complete knowledge of all correspondence sent. Please let me know what the County process requires.

Here is a study on the issue of Cell Phones and radio frequency emissions <https://www.cancer.gov/about-cancer/causes-prevention/risk/radiation/cell-phones-fact-sheet> I believe it explains the differences between the different types of radio frequencies ionizing and non-ionizing. It also contains significant other information. This issue is regulated by the Federal Communication Commission and not by the County of Humboldt:

"In the United States, **the Federal Communications Commission (FCC)** regulates the emission of non-Federal, private radio signals, dictating what is allowed and what it not. Most electronic devices are required by law to be tested for compliance with FCC regulations. CT 18, 2019"

We have agreed to meet the County requirements in the Staff Report on RF Studies for the first Cellular Tenant and Cumulative studies for each carrier added at the time when a Building Permit is submitted and before granted.

On the PWM Inc South G Street Communication Tower, I have attached a Verizon Building Permit application form that was in the process of being submitted by a Verizon consultant. Since that time, many changes have been made to the equipment required on towers such as progressing from 3g to 4g which is 10 times better coverage and faster speeds which has delayed the final, initial antenna models and configurations on many tower modifications and new builds. The 4g technology allows faster data, streaming opportunities, faster video uptakes and many other features that are in strong demand by consumers. It has been said that the difference is similar to going from dial-up internet to broadband. We continue to work with Verizon on several antenna changes on our existing towers and also the South G Street project. The City of Arcata is anxious to have the facility in operation for better coverage into Sunnybrae and Jacoby Creek.

We feel that we have conformed to all of the County of Humboldt requirements, including specific guidelines and conditions in the County General Plan. By attempting to meet all the regulations, to the maximum extent feasible, we believe that the Commission, by their recent action, has allowed the project to move forward with the granting of the CUP. Would you please confirm that this has been sent to all required participants. Thank you.

Respectfully, Tom McMurray

Thomas J. McMurray Jr.
PWM Inc. a Pacific Coast Towers Company
P.O. Box 6660 Eureka, California 95502

2039 Williams Street-FedEx/UPS only

Phone: 707-499-0901-Direct

tmcjr@outlook.com



City of Arcata, California

Building Division Submittal Form

Permit #:

Building Permit Application

**** Please note: this form must be completed at time of submittal***

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1. Project Location/Street Address 700 South G Street Arcata, CA 95521
 2. APN (if known) 503-211-026
 3. Brief Description of Project: Verizon Wireless antennas on existing lattice tower, new equipment lease area, power and telco brought to facility.
 4. Square Footage of Proposed Project 230
 5. Residential or Commercial? (circle one) R C
 6. Estimated Valuation (*REQUIRED) \$ \$75,000.00
 7. Contact/Project Agent Name Ben Wehrle
Phone #(s) 916-837-2213 e-mail mblocker@completewireless.net
 8. Owner's Name Joseph Lunn & Cheryl Moser
Owner's Address 700 South G Street Arcata, CA 95521
Owner's Contact Info: Phone#(s) _____ e-mail _____
 9. Name of Contractor TBD
(if contractor is in City's database, disregard the following)
Contractor's Address _____
Contractor's License Number _____ and Business License Number _____
Contractor's Contact Info: Phone#(s) _____ e-mail _____
 10. Architect and/or Draftsperson Manuel S. Tsihlas
Phone #(s) 916-567-9630 e-mail(s) Manuel@MSTArchitects.com
 11. Engineer _____
Phone #(s) _____ e-mail _____
 12. Construction Lending Agency Name: _____
Construction Lending Agency Address: _____