



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

REDWOOD COMMUNITY RADIO  
P.O. BOX 135  
REDWAY CA 95560

Arthur E. Doak  
Senior Engineer  
Audio Division  
Media Bureau

Facility Id: 55426

Call Sign: KMUD

License File Number: BLED-20151008ABS

Grant Date: April 13, 2016

This license expires 3:00 a.m.  
local time, December 01, 2021.

This license covers Permit No.: BPED-20120919AAD  
as modified by Permit No.: BMPED-20121026ACA

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Name of Licensee: REDWOOD COMMUNITY RADIO

Station Location: CA-GARBERVILLE

Frequency (MHz): 91.1

Channel: 216

Class: C0

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Transmitter output power: 3.3 kW

Antenna type: Directional

Description: SHI 6513-3-SS-DA, 3 bays, 0.5 wavelength spaced

Antenna Coordinates: North Latitude: 40 deg 07 min 13 sec

West Longitude: 123 deg 41 min 31 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):		9.0
Height of radiation center above ground (Meters):		46
Height of radiation center above mean sea level (Meters):		1229
Height of radiation center above average terrain (Meters):		784
Antenna structure registration number: Not Required		

Overall height of antenna structure above ground: 50 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

- Grant of this license application is conditioned on the continuous operation of the licensed facility for the twelve-month period following grant. The failure of the facility to so operate will result in the rescission of this grant, dismissal of the license application and the forfeiture of the associated construction permit pursuant to 47 C.F.R. § 73.3598(e) unless the licensee rebuts presumption that the authorized facilities were temporarily constructed.

Special operating conditions or restrictions:

- 2 The permittee/licensee, in coordination with other users of the site, must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of the FCC guidelines.
  
- 3 The licensee has demonstrated compliance with the FCC radiofrequency electromagnetic field exposure guidelines based upon the use of the antenna specified herein. If the licensee makes any changes in the facilities via a modification of license application in accordance with 47 C.F.R. Section 73.1690(c), the subsequent FCC Form 302-FM, application for license, must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.
  
- 4 The relative field strength of the measured vertically polarized radiation component shall not exceed at any azimuth the value indicated on the composite radiation pattern authorized by Construction Permit BMPED-20121026ACA.

A relative field strength of 1.0 on the radiation pattern authorized by Construction Permit BMPED-20121026ACA corresponds to the following effective radiated power:

9.0 kilowatts (Vertical)

Principal minima and their associated field strength limits:

50 to 80 degrees True (clockwise): 0.290 kilowatt

\*\*\* END OF AUTHORIZATION \*\*\*