

Federal Communications Commission

FM STATION LICENSE

Permittee

EDUCATIONAL MEDIA
FOUNDATION
5700 WEST OAKS BOULEVARD
ROCKLIN, CA, 95765

Call Sign	Facility ID
KAAI	164273

File Number 0000097718	This License Covers Construction Permit No. 0000083824	
Filing Date 01/15/2020	Grant Date 01/22/2020	Expiration Date 04/01/2021

Community of License City: PALISADE State: CO	Frequency (MHz) 98.5	Station Channel 253	Station Class C3
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Hours of Operation: Unlimited

Facility Type: Noncommercial Educational

Transmitter Certified for Compliance. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power 2.45 kW
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Antenna Type Non-Directional	Antenna Coordinates (NAD 83) Latitude 39-03-56.9 N Longitude 108-44-50.4 W
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Antenna Description ERI,LPX-2E-HW,0.5

Major Lobe Directions
Not Applicable

	Horizontally Polarized Antenna	Vertically Polarized Antenna
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Effective Radiated Power in the Horizontal Plane (kW)	1.55	1.55
Height of Radiation Center Above Ground (meters)	14	14
Height of Radiation Center Above Mean Sea Level (meters)	2184	2184
Height of Radiation Center Above Average Terrain (meters)	389	389

Antenna Structure Registration Number Not Required	Overall Height of Antenna Structure Above Ground (meters) 37
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Obstruction Marking and Lighting Specifications for Antenna Structure

It is 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.

Special Operating Conditions or Restrictions

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 FCC guidelines.

- The licensee has demonstrated compliance with the FCC radiofrequency electromagnetic field exposure guidelines based upon the usage of the antenna specified herein. If the licensee makes any changes in facilities via modification of license application in accordance with 47 CFR section 73.1690(c), the subsequent FM application for license must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.
- The assignment is automatically downgraded pursuant to the procedures established in the Report and Order in MM Docket 88-118, 4 FCC Rcd 2413 (1989). Accordingly, effective the grant date of this authorization, the FM assignment IS MODIFIED as follows: Community: Palisade, CO; Channel No.: Add 253C3, Delete 253C2
- 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 the presumption that the authorized facilities were temporarily constructed.

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.

