

Federal Communications Commission

FM BOOSTER STATION LICENSE

Permittee

EDUCATIONAL MEDIA
FOUNDATION
5700 WEST OAKS BLVD.
ROCKLIN, CA, 95765

Call Sign	Facility ID
WAVE-FM1	203413

File Number 0000185178	This License Covers Construction Permit No. 0000180036	
Filing Date 02/22/2022	Grant Date 03/07/2022	Expiration Date 12/01/2028

Community of License City: ELMWOOD PARK State: IL	Frequency (MHz) 94.3	Station Channel 232	Station Class D
Primary Station WAVE GLENDALE HEIGHTS IL		Via Internet	
Hours of Operation: Unlimited			

Transmitter Certified for compliance per 74.1250 or verified for compliance per 73.1660 of the Commission's Rules.	Transmitter Output Power .49 kW
Antenna Type Directional	Antenna Coordinates (NAD 83) Latitude 41-55-36.0 N Longitude 87-48-24.0 W
Antenna Description	
Major Lobe Directions 60	

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective Radiated Power in the Horizontal Plane (kW)	0.9	0.9
Height of Radiation Center Above Ground (meters)	48	48
Height of Radiation Center Above Mean Sea Level (meters)	246.1	246.1

Antenna Structure Registration Number 1029448	Overall Height of Antenna Structure Above Ground (meters) See the registration for this antenna structure.
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Obstruction Marking and Lighting Specifications for Antenna Structure
See the registration for this antenna structure.

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.

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.