

Federal Communications Commission

FM BROADCAST STATION CONSTRUCTION PERMIT

Permittee

State of Wisconsin - Educational Communications
Board
3319 W. Beltline Hwy
Madison, WI, 53713

Call Sign	Facility ID
WHWA	184111

File Number 0000140257	This Permit Modifies License File No. BLED-20131105ALR	
Filing Date 03/18/2021	Grant Date 06/14/2021	Expiration Date 36 months after the grant date

Community of License City: WASHBURN State: WI	Frequency (MHz) 104.7	Station Channel 284	Station Class C3
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 As required to achieve authorized ERP.
Antenna Type Non-Directional	Antenna Coordinates (NAD 83) Latitude 46-36-28.4 N Longitude 90-50-13.0 W
Major Lobe Directions Not Applicable	

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective Radiated Power in the Horizontal Plane (kW)	25	25

Height of Radiation Center Above Ground (meters)	75	75
Height of Radiation Center Above Mean Sea Level (meters)	272	272
Height of Radiation Center Above Average Terrain (meters)	66	66

Antenna Structure Registration Number 1035230	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.
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<p>Special Operating Conditions or Restrictions</p> <p>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.</p> <ul style="list-style-type: none"> • Upon grant of a license application to cover this construction permit, the assignment will be downgraded as follows: Community: Washburn, WI Channel No.: Add 284C3, Delete 284C2 • Upon grant of a license application to cover this Class C3 construction permit, the class for the licensed auxiliary facility, BXLED-20140314ADJ, will be modified to also specify Class C3 operation. • Permittee has specified use of the antenna listed below to demonstrate compliance with the FCC radiofrequency electromagnetic field exposure guidelines. If any other type or size of antenna is to be used with the facilities authorized herein, THE AUTOMATIC PROGRAM TEST PROVISIONS OF 47 C.F.R. SECTION 73.1620 WILL NOT APPLY. In this case, a FORMAL REQUEST FOR PROGRAM TEST AUTHORITY must be filed in conjunction with FCC Form 302-FM, application for license, BEFORE program tests will be authorized. The request must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines. ERI SHPX-2AE (EPA Type 3: Opposed U dipole), two sections

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules(See Section 83.875).

Pursuant to Section 73.3598, this Construction Permit will be subject to automatic forfeiture unless construction is complete and application for license is filed prior to expiration.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

