

# Federal Communications Commission

## FM AUXILIARY ANTENNA BROADCAST STATION CONSTRUCTION PERMIT

**Permittee**

MILWAUKEE RADIO ALLIANCE,  
LLC  
N72 W12922 GOOD HOPE ROAD  
MENOMONEE FALLS, WI, 53051

<b>Call Sign</b>	<b>Facility ID</b>
WLUM-FM	63595

<b>File Number</b> 0000125252	<b>This Permit Modifies Permit No.</b>	
<b>Filing Date</b> 11/02/2020	<b>Grant Date</b> 12/11/2020	<b>Expiration Date</b> 36 months after the grant date

<b>Community of License</b>  <b>City:</b> MILWAUKEE <b>State:</b> WI	<b>Frequency (MHz)</b> 102.1	<b>Station Channel</b> 271	<b>Station Class</b> B
<b>Hours of Operation:</b> Unlimited - For auxiliary purposes only			

<b>Transmitter</b> Certified for Compliance. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	<b>Transmitter Output Power</b> As required to achieve authorized ERP.
<b>Antenna Type</b> Non-Directional	<b>Antenna Coordinates (NAD 83)</b>  <b>Latitude</b> 43-2-21.0 N <b>Longitude</b> 87-55-9.3 W

	<b>Horizontally Polarized Antenna</b>	<b>Vertically Polarized Antenna</b>
<b>Effective Radiated Power in the Horizontal Plane (kW)</b>	22	22
<b>Height of Radiation Center Above Ground (meters)</b>	92	92
<b>Height of Radiation Center Above Mean Sea Level (meters)</b>	276.1	276.1

<b>Height of Radiation Center Above Average Terrain (meters)</b>	73	73
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<b>Antenna Structure Registration Number</b> 1260337	<b>Overall Height of Antenna Structure Above Ground (meters)</b> See the registration for this antenna structure.
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<b>Obstruction Marking and Lighting Specifications for Antenna Structure</b>  See the registration for this antenna structure.
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<b>Special Operating Conditions or Restrictions</b>  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. <ul style="list-style-type: none"> <li>The permittee/licensee shall, upon completion of construction and during the equipment test period, make proper radiofrequency electromagnetic (RF) field strength measurements on the roof and throughout the building to determine if there are any areas that exceed the FCC guidelines for human exposure to RF fields. Access must be restricted to prevent the exposure of humans to RF fields in excess of the FCC Guidelines (OET Bulletin No. 65, Edition 97-01, August 1997). Furthermore, any areas found to exceed the recommended guidelines must be clearly marked with appropriate visual warning signs which describe the nature of the hazard.</li> </ul>
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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.