

# Federal Communications Commission

## LOW POWER FM BROADCAST STATION CONSTRUCTION PERMIT

**Permittee**

RUSTING SPROCKET  
ART  
15116 NE 244th Ave  
Brush Prairie, WA, 98606

Call Sign	Facility ID
KDOA-LP	196313

<b>File Number</b> 0000135909	<b>This Permit Modifies License File No.</b> 0000108347	
<b>Filing Date</b> 02/10/2021	<b>Grant Date</b> 02/12/2021	<b>Expiration Date</b> 04/08/2023

<b>Community of License</b> <b>City:</b> VANCOUVER <b>State:</b> WA	<b>Frequency (MHz)</b> 97.5	<b>Station Channel</b> 248	<b>Station Class</b> LP100
<b>Hours of Operation:</b> Unlimited			

<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> 45-39-22.5 N <b>Longitude</b> 122-23-06.3 W

	Horizontally Polarized Antenna	Vertically Polarized Antenna
<b>Maximum Effective Radiated Power in the Horizontal Plane (W)</b>	100.0	100.0
<b>Minimum Effective Radiated Power in the Horizontal Plane (W)</b>	50.0	50.0
<b>Height of Radiation Center Above Ground (meters)</b>	30	30

<b>Height of Radiation Center Above Mean Sea Level (meters)</b>	267.0	267.0
<b>Height of Radiation Center Above Average Terrain (meters)</b>	25.0	25.0

<b>Antenna Structure Registration Number</b> Not Required	<b>Overall Height of Antenna Structure Above Ground (meters)</b> 31.5
<b>Obstruction Marking and Lighting Specifications for Antenna Structure</b>  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.	
<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.	

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.