

## **United States of America**

# FEDERAL COMMUNICATIONS COMMISSION AM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

KJDY, LLC 1009-C ADAMS AVENUE LA GRANDE OR 97850

Facility Id: 62265

Call Sign: KZHC

Permit File Number: BP-20110223AAU

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: August 09, 2012

This permit expires 3:00 a.m. local time, August 09, 2015.

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.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

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

Hours of Operation: Unlimited

Average hours of sunrise and sunset: Local Standard Time (Non-Advanced)

Jan.	7:30	AM	4:45	PM	Jul.	4:30	AM	7:30	PM
Feb.	7:00	AM	5:30	PM	Aug.	5:00	AM	7:00	PM
Mar.	6:15	AM	6:00	PM	Sep.	5:30	AM	6:15	PM
Apr.	5:15	AM	6:45	PM	Oct.	6:15	AM	5:15	PM
May	4:30	AM	7:15	PM	Nov.	6:45	AM	4:30	PM
Jun.	4:15	AM	7:45	PM	Dec.	7:15	AM	4:15	PM

Callsign: KZHC Permit No.: BP-20110223AAU

Name of Permittee: KJDY, LLC

Station Location: BURNS, OR

Frequency (kHz): 1210

Station Class: B

## Antenna Coordinates:

Day

Latitude: N 43 Deg 33 Min 53 Sec Longitude: W 119 Deg 03 Min 37 Sec

Night

Latitude: N 43 Deg 33 Min 53 Sec Longitude: W 119 Deg 03 Min 37 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 12.0 Night: 0.60

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

## Antenna Registration Number(s):

#### Day:

Tower No. ASRN

1 None 55.78 2 None 55.78

#### Night:

Tower No. ASRN

1 None 55.78 2 None 55.78 Callsign: KZHC Permit No.: BP-20110223AAU

#### DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1071.435 Night: 239.58 Standard RMS (mV/m/km): Day: 1125.595 Night: 251.778

Augmented RMS (mV/m/km):

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

Tower	Field	Phasing	Spacing	Orientation	Tower Ref	Height
No.	Ratio	(Deg.)	(Deg.)	(Deg.)	Switch *	(Deg.)
1	1.0000	0.000	0.0000	0.000	0	79.7
2	0.6700	105.000	190.0000	265.000	0	79.7

- \* Tower Reference Switch
  - 0 = Spacing and orientation from reference tower
  - 1 = Spacing and orientation from previous tower

#### Theoretical Parameters:

Night Directional Antenna:

		Orientation (Deq.)	1 3			Tower No.
, ,	0	. 5 /	, ,	0.000		1
79.7	0	265.000	190.0000	105.000	0.6700	2

- \* Tower Reference Switch
  - 0 = Spacing and orientation from reference tower
  - 1 = Spacing and orientation from previous tower

#### Inverse Distance Field Strength:

The inverse distance field strength at a distance of one kilometer from the above antenna in the directions specified shall not exceed the following values:

# Day:

Azimuth:	Radiation:	
85	1124.22	mV/m
198	298.57	mV/m
332	298.57	mV/m

Special operating conditions or restrictions:

1 The permittee must submit a proof of performance as set forth in either Section 73.151(a) or 73.151(c) of the rules before program tests are authorized.

A proof of performance based on field strength measurements, per Section 73.151(a), shall include a complete nondirectional proof of performance, in addition to a complete proof on the (day) directional antenna system. The nondirectional and directional field strength measurements must be made under similar environmental conditions. The proof(s) of performance submitted to the Commission must contain all of the data specified in Section 73.186 of the rules.

Permittees who elect to submit a moment method proof of performance, as set forth in Section 73.151(c), must use series-fed radiators. In addition, the sampling system must be constructed as described in Section 73.151(c) (2) (i).

- Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 62.5 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers.
- Licensee will abandon the currently licensed 1230 kHZ facility which the licensee now operates prior to or simultaneously with the filing of FCC Form 302 application for license to cover the new 1210 kHz facility.
- 4 Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.
- A license application (FCC Form 302) to cover this construction permit must be filed with the Commission pursuant to Section 73.3536 of the Rules before the permit expires.
- 6 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.

\*\*\* END OF AUTHORIZATION \*\*\*