



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

SAGA COMMUNICATIONS OF NORTH CAROLINA, LLC
73 KERCHEVAL AVENUE
GROSSE POINTE FARMS MI 48236

Arthur E. Doak
Senior Engineer
Audio Division
Media Bureau

Facility ID: 37242

Grant Date: January 29, 2014

Call Sign: WOXL-FM

This permit expires 3:00 a.m.
local time, 36 months after the
grant date specified above.

Permit File Number: BPH-20131220HHF

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.

Name of Permittee: SAGA COMMUNICATIONS OF NORTH CAROLINA, LLC

Station Location: NC-BILTMORE FOREST

Frequency (MHz): 96.5

Channel: 243

Class: C2

Hours of Operation: Unlimited

Transmitter: Type Accepted. 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: Directional

Antenna Coordinates: North Latitude: 35 deg 36 min 04 sec
 West Longitude: 82 deg 39 min 07 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	9.5	9.5
Height of radiation center above ground (Meters):	54	54
Height of radiation center above mean sea level (Meters):	1064	1064
Height of radiation center above average terrain (Meters):	339	339

Antenna structure registration number: 1033392

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

- 1 ***** This is a Section 73.215 contour protection grant *****
 ***** as requested by this applicant *****

- 2 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 the FCC guidelines.

- 3 The permittee has specified the use of a three (3) section, 0.5 wavelength spaced antenna 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 with the FCC Form 302-FM, application for license, BEFORE program tests will be authorized. This request must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.

Special operating conditions or restrictions:

- 4 BEFORE PROGRAM TESTS COMMENCE, sufficient measurements must be made to establish that the operation authorized in this construction permit is in compliance with the spurious emissions requirements of 47 C.F.R. Sections 73.317(b) through 73.317(d). All measurements must be made with all stations simultaneously utilizing the shared antenna. These measurements must be filed with the FCC Form 302-FM, application for license.
- 5 Program tests for WOXL-FM will not commence on Channel 243C2 until program tests for WGOG(FM), Walhalla, South Carolina (Facility ID No. 2462) commence on Channel 269. Furthermore, a license will not be granted to WOXL-FM on Channel 243C2 until a license is granted to WGOG(FM) on Channel 269.
- 6 Program tests for WOXL-FM will not commence on Channel 243C2 until program tests for WROO(FM), Mauldin, South Carolina (Facility ID No. 25240) commence on Channel 285. Furthermore, a license will not be granted to WOXL-FM on Channel 243C2 until a license is granted to WROO(FM) on Channel 285.
- 7 Program tests for WOXL-FM will not commence on Channel 243C2 until program tests for WNCC-FM, Franklin, North Carolina (Facility ID No. 14551) commence on Channel 281. Furthermore, a license will not be granted to WOXL-FM on Channel 243C2 until a license is granted to WNCC-FM on Channel 281.
- 8 BEFORE PROGRAM TESTS ARE AUTHORIZED, the permittee/licensee must submit the results of a complete proof-of-performance to establish the horizontal plane radiation patterns for both the horizontally and vertically polarized radiation components. This proof-of-performance may be accomplished using the complete full size antenna, or individual bays therefrom, mounted on a supporting structure of identical dimensions and configuration as the proposed structure, including all braces, ladders, conduits, coaxial lines, and other appurtenances; or using a carefully manufactured scale model of the entire antenna, or individual bays therefrom, mounted on an equally scaled model of the proposed supporting structure, including all appurtenances. Engineering exhibits must include a description of the antenna testing facilities and equipment employed, including appropriate photographs or sketches and a description of the testing procedures, including scale factor, measurements frequency, and equipment calibration.
- 9 BEFORE PROGRAM TESTS ARE AUTHORIZED, the permittee must submit a certification executed by a licensed surveyor showing that the FM directional antenna system has been oriented at the azimuth(s) specified in the directional antenna proof of performance. This certification must include a description of the method used by the surveyor to determine the azimuth(s) of the installed directional antenna system and the accuracy of that determination.
- 10 BEFORE PROGRAM TESTS ARE AUTHORIZED, the permittee/licensee must submit an affidavit that the installation of the directional antenna system was overseen by a qualified engineer. This affidavit must include a certification by the engineer that the antenna was installed pursuant to the manufacturer's instructions and list the qualifications of the certifying engineer.

Special operating conditions or restrictions:

- 11 BEFORE PROGRAM TESTS ARE AUTHORIZED, the permittee/licensee must submit an exhibit demonstrating that the measured directional antenna pattern complies with the appropriate community coverage requirements of 47 C.F.R. Sections 73.315 or 73.515 (See 47 C.F.R. § 73.316(c)(2)(ix)(B)).
- 12 The RMS of the composite measured relative field horizontal plane directional antenna pattern must encompass at least 85% of the RMS of the composite relative field horizontal plane directional antenna pattern authorized by this construction permit.
- 13 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by this construction permit.

A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power:

9.5 kilowatts

Principal minima and their associated field strength limits:

0-20 degrees True (clockwise): 8.574 kilowatts
 290-300 degrees True (clockwise): 6.864 kilowatts

- 14 Pursuant to the grant of this construction permit and the authority found in Sections 4(i), 5(c)(1), 303 and 307(b) of the Communications Act of 1934, as amended, and Sections 0.61, 0.204(b), 0.283, 1.420, 73.203(b), and 73.3573 of the Commission's Rules, the FM assignment IS MODIFIED as follows:

Community	Channel No.
Biltmore Forest, NC	Add 243C2
	Delete 243C3

Pursuant to Section 316(a) of the Communication Act of 1934, as amended, License BLH-20101130AJQ IS MODIFIED to specify operation on Channel 243C2 in lieu of Channel 243C3.

*** END OF AUTHORIZATION ***