



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

Authorizing Official:

Official Mailing Address:

CALVARY CHAPEL AURORA
18900 EAST HAMPDEN AVENUE
AURORA CO 80013

Dale E. Bickel
Senior Engineer
Audio Division
Media Bureau

Facility ID: 89401

Grant Date: October 28, 2004

Call Sign: KXGR

This permit expires 3:00 a.m.
local time, October 28, 2007.

Permit File Number: BPED-20040901ADM

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: CALVARY CHAPEL AURORA

Station Location: CO-LOVELAND

Frequency (MHz): 89.7

Channel: 209

Class: C1

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: Non-Directional

Antenna Coordinates: North Latitude: 40 deg 37 min 03 sec
West Longitude: 105 deg 19 min 40 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	.045	36
Height of radiation center above ground (Meters):	37	37
Height of radiation center above mean sea level (Meters):	2561	2561
Height of radiation center above average terrain (Meters):	372	372

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 43 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be 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.

None Required

Special operating conditions or restrictions:

- 1 Permittee has specified use of a Shiveley 6510, 4 section, 0.5 wavelength 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 in conjunction with FCC Form 302-FM, application for license, BEFORE program tests will be authorized. This request should be made at least 10 days prior to the date on which program tests are desired to commence. The request must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.

Documentation demonstrating compliance with the FCC radiofrequency field exposure guidelines may be submitted in advance of the filing of FCC Form 302-FM. The Commission's staff will review it for compliance and respond by letter stating whether automatic PTA has been reinstated.

Special operating conditions or restrictions:

- 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 FCC guidelines.
- 3 Before equipment tests with the facilities authorized herein are begun permittee/licensee shall contact the Radio Frequency Management Office of the National Oceanographic and Atmospheric Administration's Environmental Research Laboratories in Boulder, Colorado, at the address specified in Section 73.1030(b)(2) of the Commission's Rules. Permittee/licensee will agree with the staff of the Radio Frequency Management Office upon a suitable measurement procedure for determining the field strength of the signal radiated by the permittee's/licensee's authorized facilities at the coordinates of the Table Mountain Radio Receiving Zone specified in Section 73.1030(b) of the Commission's Rules. After reaching an agreement on a suitable procedure, permittee will begin equipment tests with the facilities authorized herein, will implement the agreed-upon procedure, and will make sufficient measurements to establish that the field strength of the signal radiated by the permittee's/licensee's authorized facilities at the specified Table Mountain Radio Receiving Zone coordinates does not exceed 10 mV/m or 80 dBu.

In the event that the measured field strength at the specified Table Mountain Radio Receiving Zone coordinates resulting from the operation of the permittee's/licensee's authorized facilities exceeds 10 mV/m or 80 dBu, program tests will not be undertaken by the permittee/licensee. The permittee/licensee will instead submit an application for modification of this construction permit specifying a means acceptable to the Radio Frequency Management Office of the National Oceanographic and Atmospheric Administration's Environmental Research Laboratories to reduce the field strength at the specified Table Mountain Radio Receiving Zone coordinates resulting from the operation of the permittee's/licensee's authorized facilities to a level not exceeding 10 mV/m or 80 dBu.

The permittee/licensee will serve a copy of the application for license (FCC Form 302-FM and associated exhibits on the Radio Frequency Management Office at the address specified in Section 73.1030(b)(2) of the Commission's Rules on or before the date the application is tendered at the Commission's Office in Washington, D.C.. Grant of the license will occur only with the concurrence of the National Oceanographic and Atmospheric Administration's Environmental Research Laboratories as to the adequacy of the protection afforded to the Table Mountain Radio Receiving Zone by the permittee's/licensee's authorized facilities.

*** END OF AUTHORIZATION ***