



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

Authorizing Official:

Official Mailing Address:

UNIVERSITY OF UTAH
101 S. WASATCH DRIVE
ROOM 240
SALT LAKE CITY UT 84112

Susan N. Crawford
Senior Engineer
Audio Division
Media Bureau

Facility ID: 170181

Grant Date: December 20, 2017

Call Sign: KUQU

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

Permit File Number: BPED-20171127AAV

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: UNIVERSITY OF UTAH

Station Location: UT-ENOCH

Frequency (MHz): 93.9

Channel: 230

Class: C

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: 37 deg 32 min 29 sec
 West Longitude: 113 deg 04 min 04 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	30.0	30.0
Height of radiation center above ground (Meters):	75	75
Height of radiation center above mean sea level (Meters):	3123	3123
Height of radiation center above average terrain (Meters):	824	824
Antenna structure registration number: 1057926		

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 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.
Enoch, UT	Add 230C, Delete 230C1.

Pursuant to Section 316(a) of the Communications Act of 1934, as amended, license BLED-20171120ABJ IS MODIFIED to specify operation on Channel 230C at Enoch, UT, in lieu of Channel 230C1 at Enoch, UT.

- 2 Waiver of 47 CFR Section 73.1125 was previously granted to allow operation of this facility as a satellite operation of the following station:

 KUER-FM, Facility ID No. 69171, Salt Lake City, UT, University of Utah.
- 3 BEFORE PROGRAM TESTS COMMENCE, sufficient measurements shall be made to establish that the operation authorized in this construction permit is in compliance with the spurious emissions requirements of 47 CFR Sections 73.317(b) through 73.317(d). All measurements must be made with all stations simultaneously utilizing the shared antenna. These measurements shall be submitted to the Commission along with the FCC 302-FM, Application For FM Broadcast Station License.

Special operating conditions or restrictions:

- 4 Permittee has specified use of an eight bay, EPA type 1, circularly polarized, nondirectional FM transmitting antenna with 0.95-wavelength bay spacing, to demonstrate compliance with the FCC radiofrequency electromagnetic field exposure guidelines. If any other type or size of antenna is used with the facilities authorized herein, THE AUTOMATIC PROGRAM TEST PROVISIONS OF 47 CFR SECTION 73.1620 WILL NOT APPLY. In this case, a FORMAL REQUEST FOR PROGRAM TEST AUTHORITY must be filed in conjunction with FCC 302-FM, Application For FM Broadcast Station License, BEFORE program tests will be authorized. The request must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.
- 5 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.

*** END OF AUTHORIZATION ***