

ENGINEERING NARRATIVE
IN SUPPORT OF REQUEST FOR SPECIAL TEMPORARY AUTHORITY
Prepared for
SAGAMOREHILL OF KANSAS CITY LICENSES, LLC
KGKC-LD CH 39 LAWRENCE, KANSAS BLDTL-20130124AAA
MAY 2018

Summary

Sagamorehill of Kansas City Licenses, LLC, ("SKCL") has recently taken control of KGKC-LD and in the course of running the station has become aware that the existing LPTV DTV transmitter is currently unable to produce the necessary power to comply with the licensed ERP of 15 kW. At this time the transmitter power output is set at 375 watts and that provides an ERP of 3 kilowatts on CH 39.

SKCL is investigating options and will determine how best to return the station to full licensed ERP. The licensee recognizes that the station is displaced and that both short term and long term factors are at play.

The licensee seeks to obtain STA for operation with an ERP of 3 kilowatts to provide service to the public which is in the public interest since SKCL will provide specialized programming of value to the public. It is anticipated that the normal six month STA grant period will provide SKCL with a new displacement channel and that, along with further information concerning wireless use of CH 39, will allow a definitive restoration plan to be developed.

Environmental

Since no modification to the transmission line or antenna system are proposed, and the ERP is reduced, there should be no RF Radiation concerns. The licensee will reduce power or cease transmission as required to meet FCC OET-65 Worker Safety Guidelines.

The proposed tower is an existing site with tower, building, access road and power.

Conclusion

Based on the information supplied herein it is respectfully requested that the licensee be granted STA for operation with reduced ERP.

The foregoing was prepared on behalf of Sagamorehill of Kansas City Licenses, LLC by Clarence M. Beverage of *Communications Technologies, Inc.*, Marlton, New Jersey, whose qualifications are a matter of record with the Federal Communications Commission. The undersigned certifies, under penalty of perjury, that the statements herein are true and correct of his own knowledge, except such statements made on information and belief, and as to these statements he believes them to be true and correct.



By _____

Clarence M. Beverage

for Communications Technologies, Inc.

Marlton, New Jersey

May 8, 2018