

Allocation Study - part 2**Fully Spaced Theoretical Site**

Educational Media Foundation ("EMF") has identified fully spaced theoretical allotment site for its proposed upgrade to 288C1 Bosque Farms, NM. It is located at 34° 53' 00" N by 107° 13' 08" W. If necessary, the applicant could construct a tower at that location, however in order to conserve precious resources, EMF proposes to keep the station located at its current licensed tower.

Exhibit Index:

- Exhibit 14-2A demonstrates that the theoretical allotment site meets the minimum distance separation requirements of 47 C.F.R. 73.207.
- Exhibit 14-2B is map showing that a class C1 station at these coordinates puts a city grade (70 dBu) contour over the entire city of license.
- Exhibit 14-2C is a topographical map that shows the location of the theoretical allotment site.

Educational Media Foundation

Exhibit 14-2A

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Bosque Farms, NM

Spacing at Allotment Coordinates

REFERENCE

34 53 00 N

107 13 08 W

CLASS = C1

Current Spacings

DI SPLAY DATES

DATA 06-01-05

SEARCH 06-06-05

----- Channel 288 - 105.5 MHz -----

Call	Channel	Location		Azi	Dist	FCC	Margin
KWNM	LIC-N 288C1	Hurley	NM	202.8	245.03	245.0	0.03
RADD	ADD 288A	Las Vegas	NM	69.6	200.05	200.0	0.05
KRZYFM	LIC 290C	Santa Fe	NM	32.0	117.77	105.0	12.77
KKRG	LIC 286C	Santa Fe	NM	31.8	118.43	105.0	13.43
RADD	ADD 288A	Taos	NM	38.7	224.37	200.0	24.37
KZZX	LIC 288A	Alamogordo	NM	151.8	250.55	200.0	50.55
KFMQ	LIC-N 291C1	Gallup	NM	296.6	154.42	82.0	72.42



Exhibit 14-2B

KQLV.P

Latitude: 34-53-00 N
Longitude: 107-13-08 W
ERP: 100.00 kW
Channel: 288
Frequency: 105.5 MHz
AMSL Height: 2081.905 m
Horiz. Pattern: Omni
Vert. Pattern: No



KQLV.P



