

EXHIBIT 11.1 (As Amended)

DESCRIPTION OF PROPOSED ANTENNA SYSTEM

DAYTIME/NIGHTTIME ANTENNA SYSTEM

1. The daytime/nighttime antenna system consists of four (4) vertical guyed, uniform cross-section steel towers. All four towers are employed for daytime and nighttime operation, however different daytime and nighttime constants are used. All towers stand 90.0° or 83.3 meters above varying levels of base pier and insulators for heights ranging from 84.8 meters to 85.5 meters Above Ground Level (AGL) with obstruction lighting. Actual heights and Antenna Structure Registration numbers have been included in **Exhibit 11.2**.
2. The proposed ground system will consist of 120 buried copper radials, extending 83.3 meters in length, about the base of the towers except where shortened to terminate at property boundaries or transverse copper straps running midway between the towers. The material used for the radials will be #10 AWG, soft drawn copper wire.
3. The proposed day antenna system theoretical parameters are as follows:

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1(W)	1.205	-7.1	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2(N)	1.000	0.0	180.0	35.0	90.0	0	0	0.0	0.0	0.0	0.0
3(S)	1.000	87.5	90.0	125.0	90.0	0	0	0.0	0.0	0.0	0.0
4(E)	0.830	94.6	180.0	35.0	90.0	1	0	0.0	0.0	0.0	0.0
Theoretical RMS: 2021.31 mV/m@1km						Erss = 2423.89 mV/m@1km					
Standard RMS: 2123.68 mV/m@1km						Q = 70.71 mV/m@1km					

4. The night antenna system theoretical parameters are as follows:

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1(W)	0.551	-114.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2(N)	1.000	0.0	180.0	35.0	90.0	0	0	0.0	0.0	0.0	0.0
3(S)	0.457	5.2	90.0	125.0	90.0	0	0	0.0	0.0	0.0	0.0
4(E)	0.229	171.6	180.0	35.0	90.0	1	0	0.0	0.0	0.0	0.0
Theoretical RMS: 221.56 mV/m@1km						Erss = 269.21 mV/m@1km					
Standard RMS: 232.87 mV/m@1km						Q = 10.00 mV/m@1km					

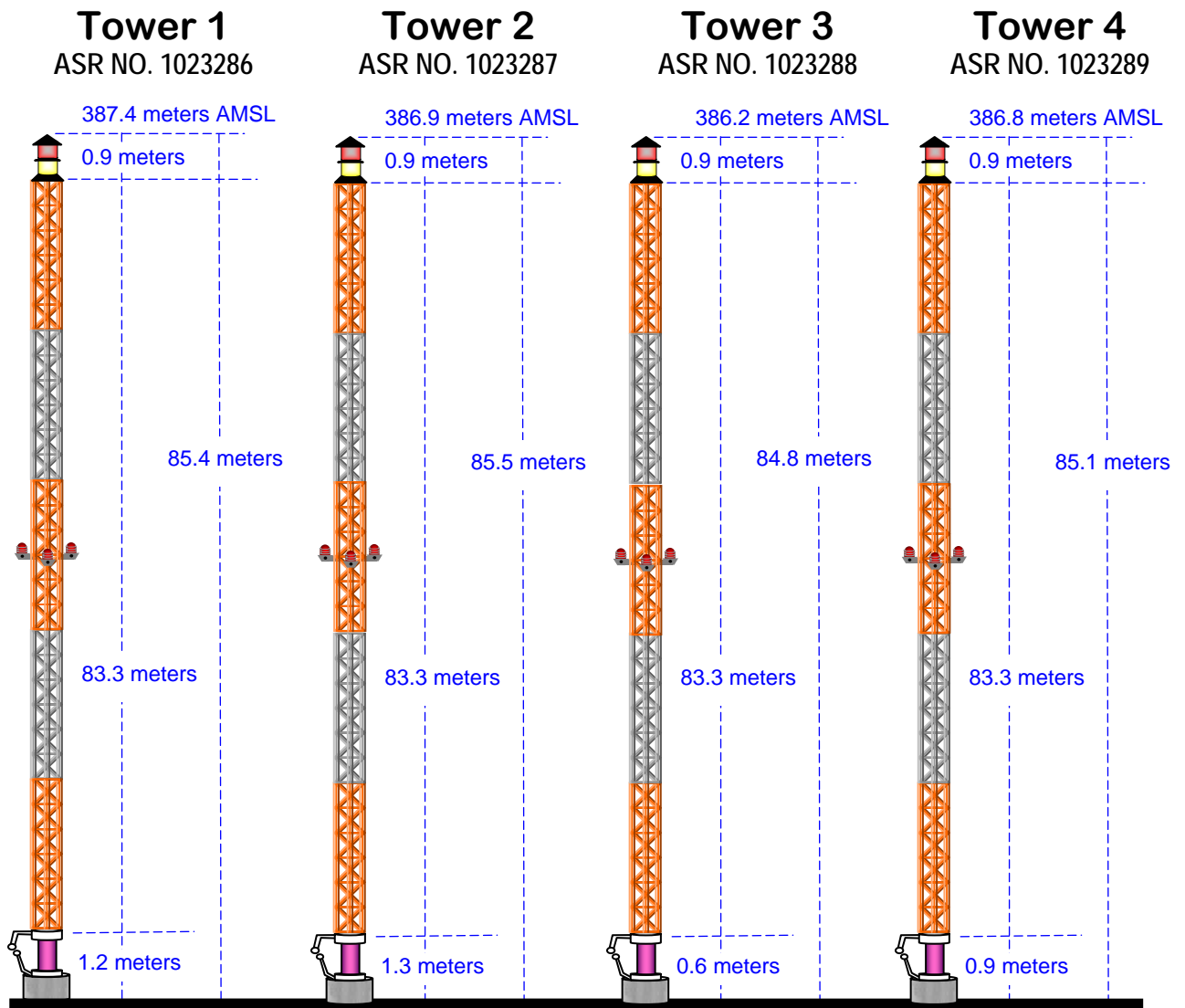
5. The sampling system for the proposed array will conform to §73.68 of the Commission's Rules regarding approved sampling systems.

EXHIBIT 11.2

VERTICAL PLAN OF ANTENNA SYSTEM

The site is located at 2754 Geneva Ave,
City of Oakdale, Minnesota.

Site Location
NL: 44° 59' 24"
WL: 92° 58' 52"



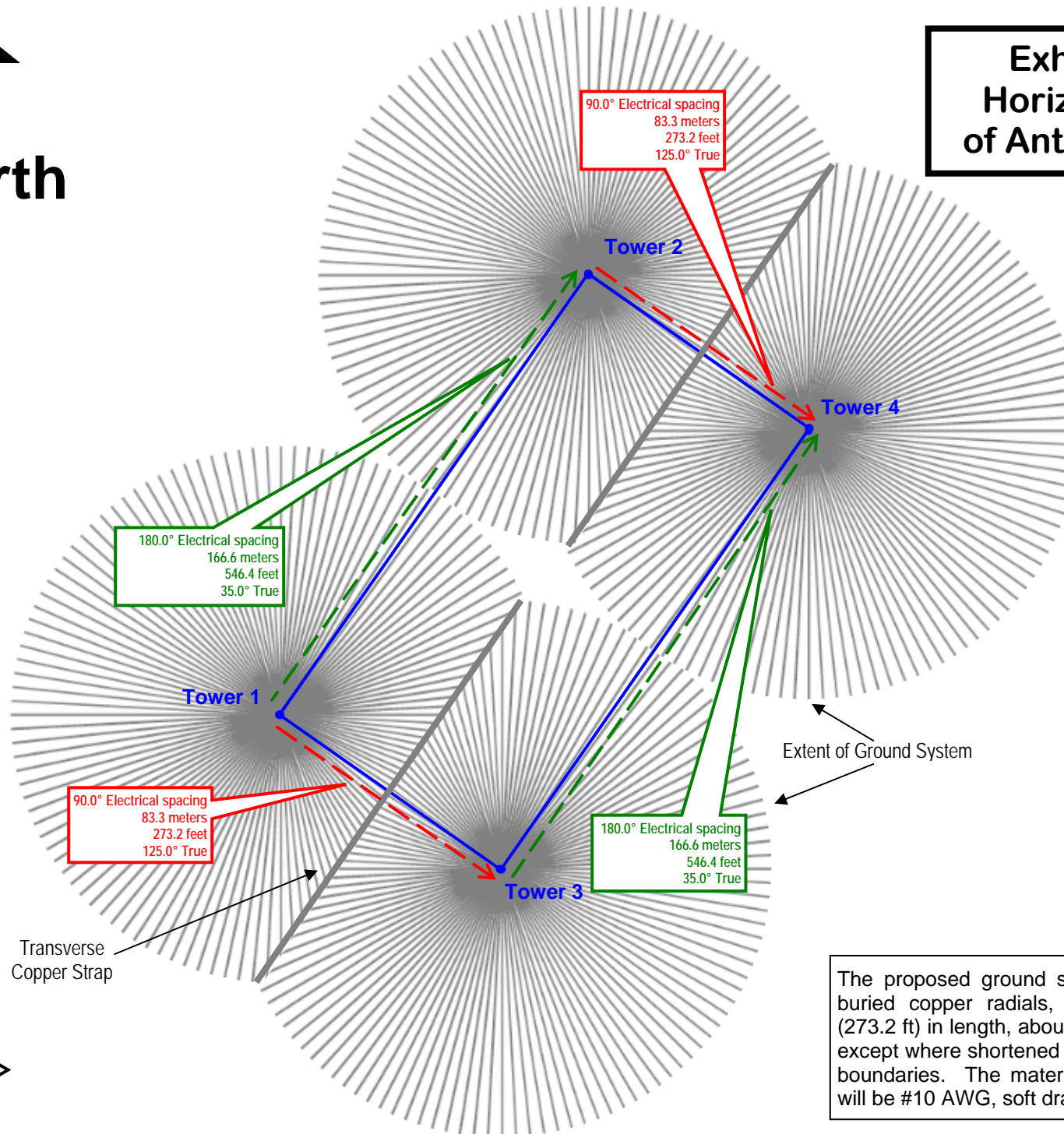
Tower 1 Ground Elevation = 302.0 m AMSL
Tower 2 Ground Elevation = 301.4 m AMSL
Tower 3 Ground Elevation = 301.4 m AMSL
Tower 4 Ground Elevation = 301.7 m AMSL

Drawing is not to Scale

MUNN-REESE, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036

↑
North

Exhibit 11.3 Horizontal Plat of Antenna Array



The proposed ground system consists of 120 buried copper radials, extending 83.3 meters (273.2 ft) in length, about the base of the towers except where shortened to terminate at property boundaries. The material used for the radials will be #10 AWG, soft drawn copper wire

Exhibit 11.4
Topographic Map of
Existing Site

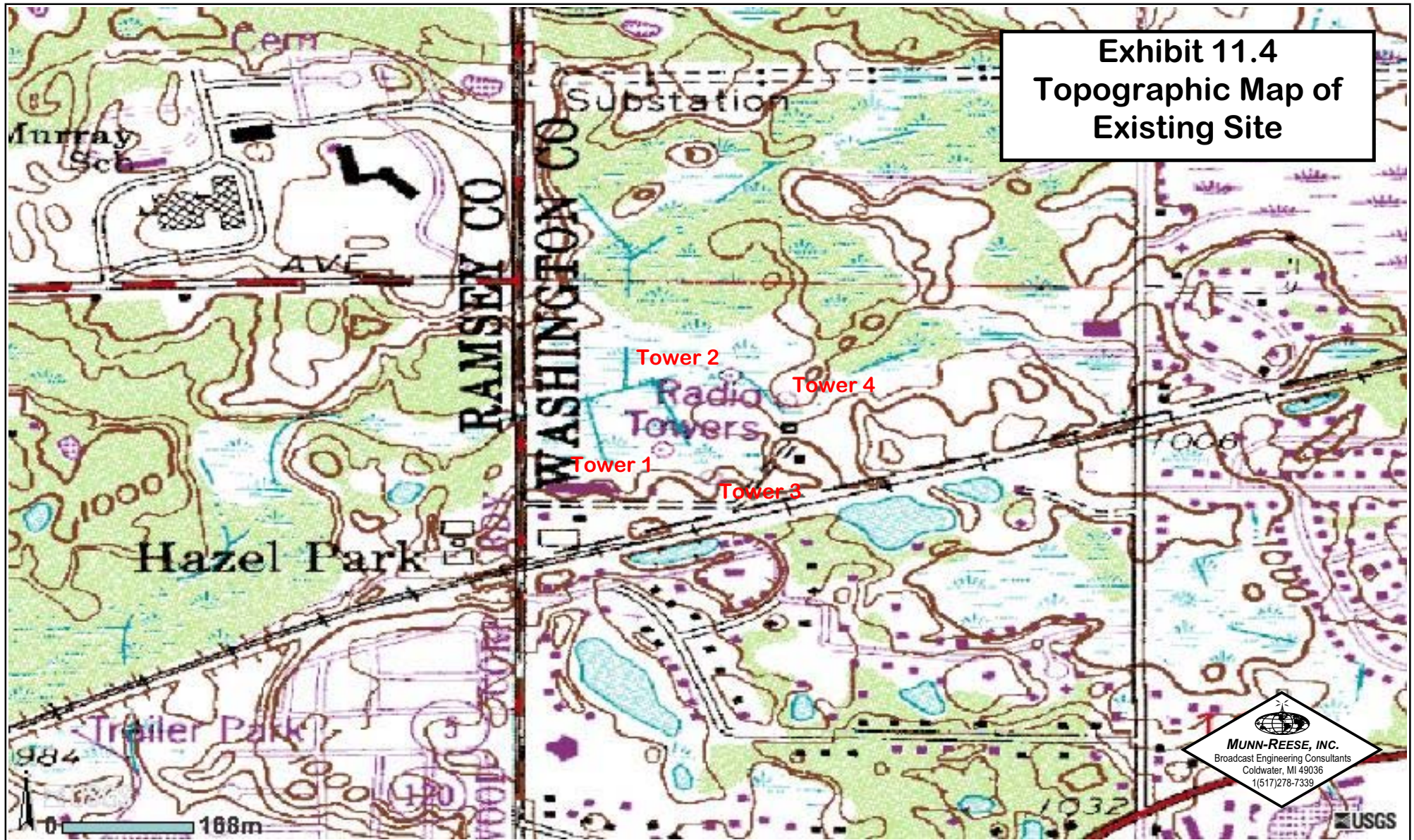


Exhibit 11.5
Photograph of
Existing Site

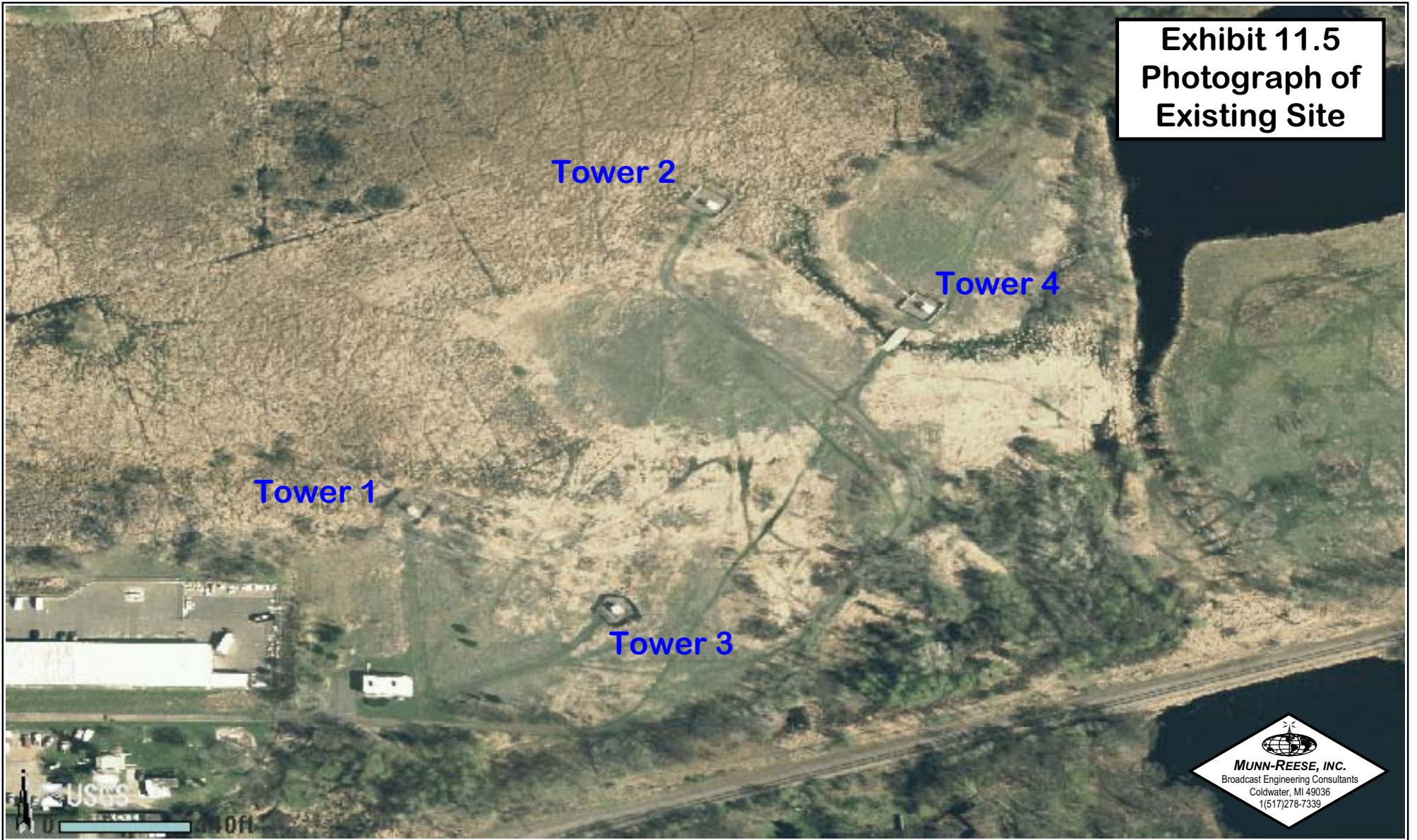


Exhibit 11.6a Present Daytime Service Contour Study

KTIS.L
Licensed Operation
Freq: 900 kHz
Class: B
Latitude: 44-59-24 N
Longitude: 092-58-54 W
Power: 25 kW
RMS: 1426.31 mV/m @1km
Towers: 4
Augs: 3

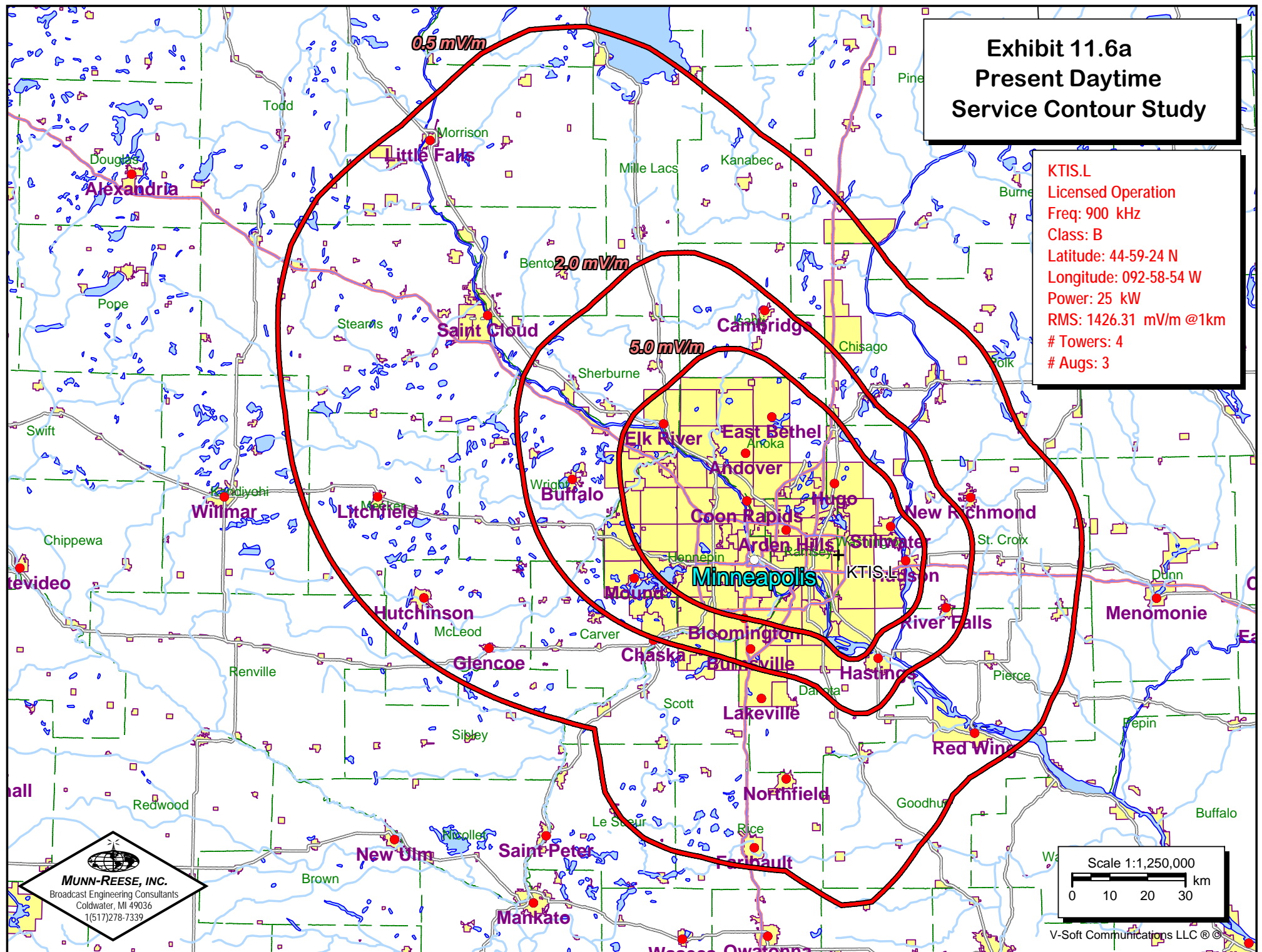
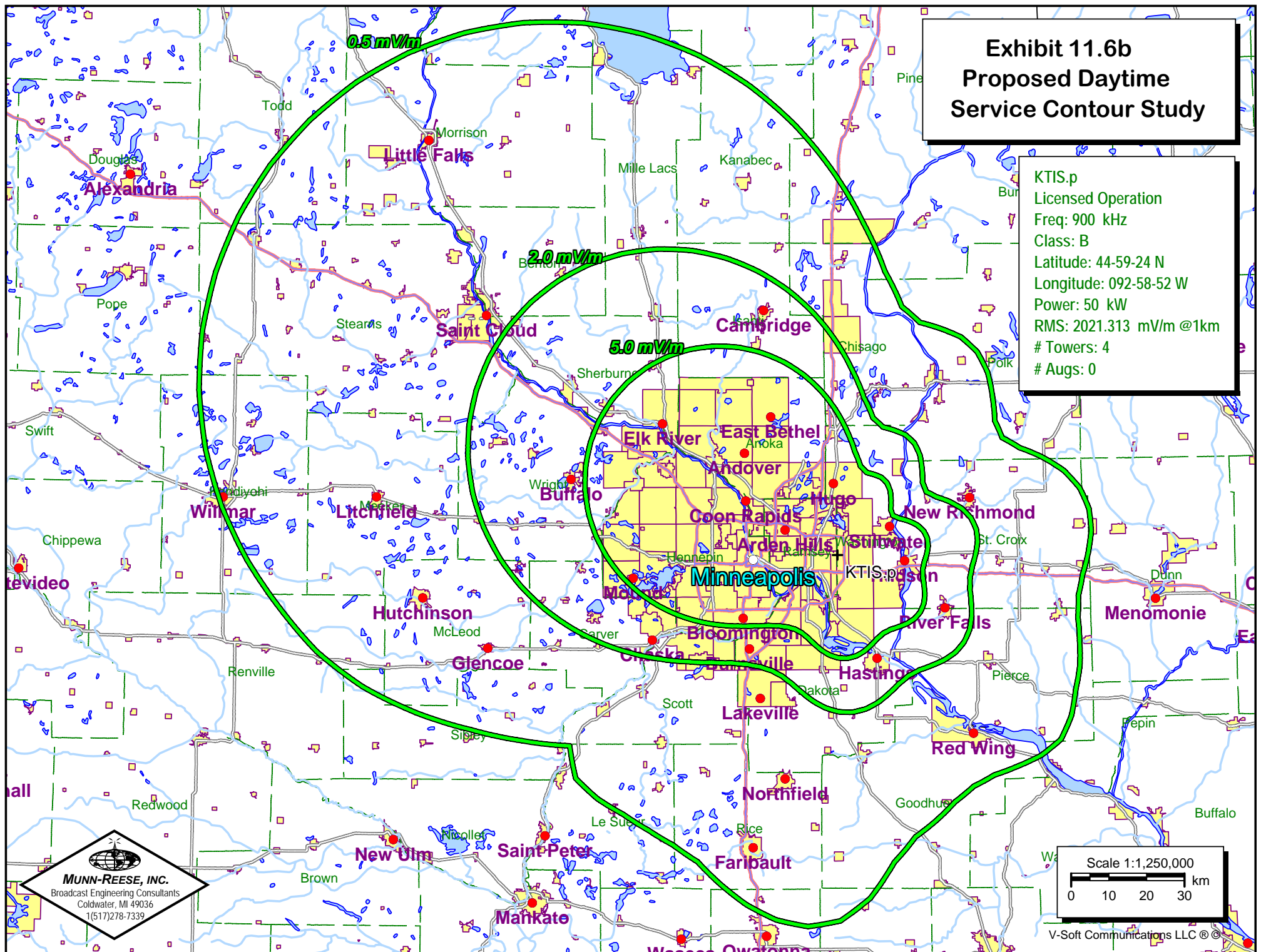


Exhibit 11.6b Proposed Daytime Service Contour Study

KTIS.p
Licensed Operation
Freq: 900 kHz
Class: B
Latitude: 44-59-24 N
Longitude: 092-58-52 W
Power: 50 kW
RMS: 2021.313 mV/m @1km
Towers: 4
Augs: 0



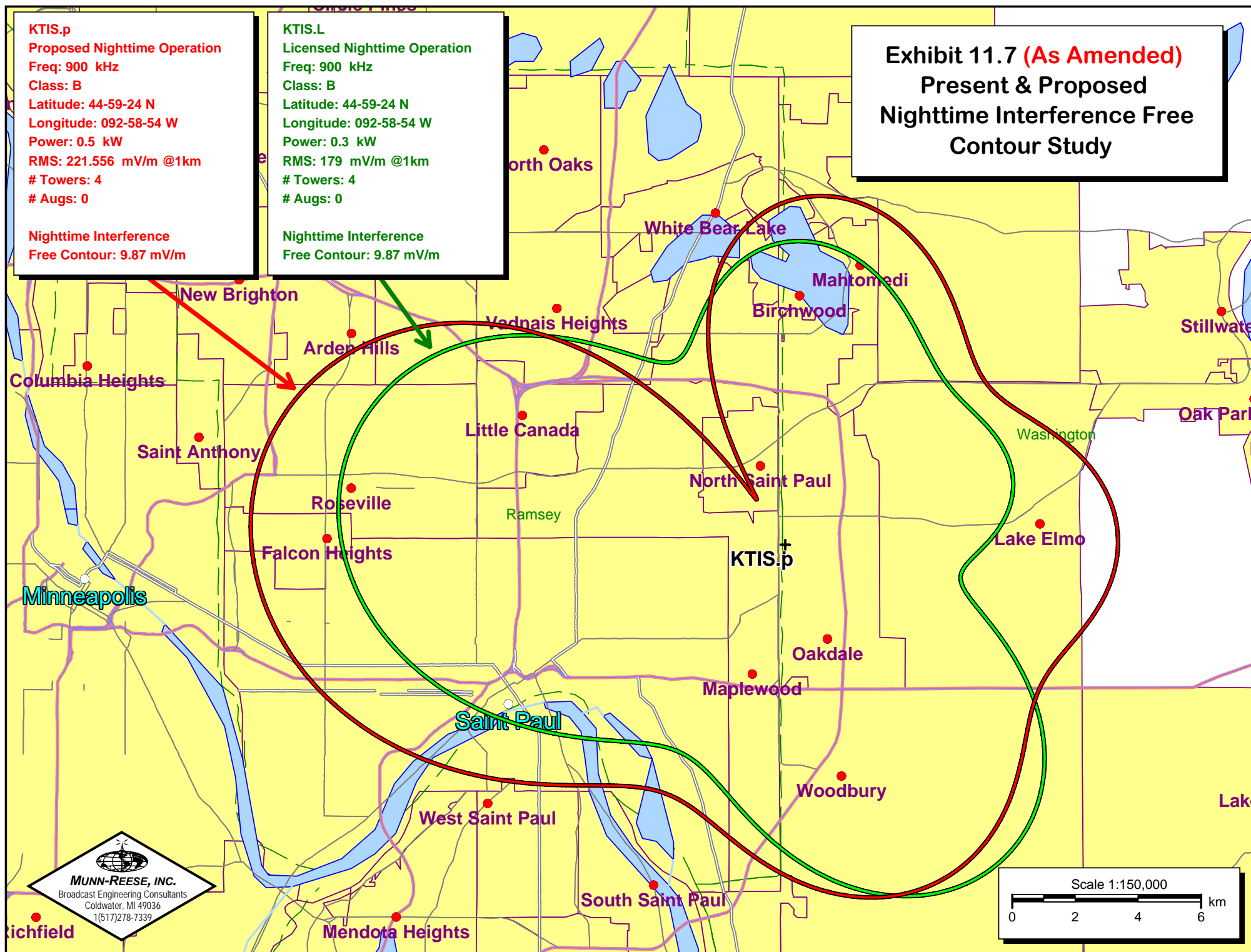
KTIS.p
Proposed Nighttime Operation
Freq: 900 kHz
Class: B
Latitude: 44-59-24 N
Longitude: 092-58-54 W
Power: 0.5 kW
RMS: 221.556 mV/m @1km
Towers: 4
Augs: 0

Nighttime Interference
Free Contour: 9.87 mV/m

KTIS.L
Licensed Nighttime Operation
Freq: 900 kHz
Class: B
Latitude: 44-59-24 N
Longitude: 092-58-54 W
Power: 0.3 kW
RMS: 179 mV/m @1km
Towers: 4
Augs: 0

Nighttime Interference
Free Contour: 9.87 mV/m

Exhibit 11.7 (As Amended)
Present & Proposed
Nighttime Interference Free
Contour Study



"+" Represent U.S. Census 2000 Population Centroid Datum

Exhibit 11.8 (As Amended) Present & Proposed 1.0 V/m "Blanket" Contour Study

