

Exhibit 14 - Statement B  
**DAYTIME COVERAGE AND ALLOCATION CONSIDERATIONS**  
prepared for  
WNSH Beverly, Massachusetts  
Facility Id 22798  
1570 kHz 50 kW ND-D U

Willow Farm, Inc. (“*Willow Farm*”), licensee of Standard Broadcast Radio Station WNSH, 1570 kHz, Beverly, Massachusetts proposes herein to increase its daytime operating power to 50 kW using one of the existing WNSH towers in a non-directional configuration. The proposed coverage contours are shown in **Exhibit 14-Figures 1 and 1A**. These contours utilize ground conductivities obtained from FCC Figure M3 and, where available, the most recent WNSH proof of performance (File Number BL-20021217ACH). Distances to contours and associated ground conductivity data for the proposed WNSH facility are summarized in **Exhibit 14-Table I**. Due to the rough approximation of the coastline on FCC Figure M3 in the Boston area, a USGS topographical map was used to more accurately determine the locations of land and water boundaries along bearings of 180° to 255° from the WNSH transmitter site. The conductivity values for the land (2.0 mS/m) and sea water (5000 mS/m) from Figure M3 were used. The locations of the conductivity breaks and their associated conductivity values are included in **Exhibit 14-Table I**.

The locations of the protected and interfering contours of pertinent nearby stations operating on the same channel, and within three channels above and below the proposed frequency of use, were predicted using the same methodology and M-3 conductivity data<sup>1</sup>. The locations of the contours for each of these stations are shown on **Exhibit 14-Figures 2A, 2B, and 2C**, the radiation and conductivity assumptions, along with the resulting distances to the identified contours, are tabulated in **Exhibit 14-Table II, Sheets A-H**. Where appropriate, notations are included in the data tabulations as to facility status or operational considerations.

Similar to WNSH, due to the rough approximation of the coastline of western Long Island, New York on FCC Figure M3, a USGS topographical map was used to more accurately determine the locations of land and water boundaries along bearings of 55° to 85° from the WFTU, Riverhead, New York transmitter site. The conductivity values for the land (0.5 mS/m) and sea water

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<sup>1</sup> Protected and interfering contours for WPEP (1570 kHz, Taunton, MA) are not included in the above referenced allocations study since the WPEP license will be surrendered in accordance with an interference reduction agreement. See the *Interference Reduction* portion of this exhibit that follows.

Exhibit 14 - Statement B  
**DAYTIME COVERAGE AND ALLOCATION CONSIDERATIONS**  
(page 2 of 4)

(5000 mS/m) from Figure M3 were used. The locations of the conductivity breaks and their associated conductivity values for WFTU are included in **Exhibit 14-Table II, Sheet B**.

As shown in **Exhibit 14-Figures 2A, 2B, and 2C**, no new areas of interference are predicted to be created by the instant proposal.

**Section 73.37 Waiver Request**

As shown in **Exhibit 14-Figure 3**, there is existing interference to WNSH in the form of contour overlap of the licensed WNSH 0.5 mV/m contour with the WFTU 0.025 mV/m contour over Cape Cod, Massachusetts. The locations of both the WNSH protected contour and the WFTU interfering contour in this area are the result of long salt water paths. The land area of this existing overlap is 91.2 square kilometers. The instant proposal will increase this area of overlap to 1,119 square kilometers, an increase of 1,028 square kilometers. This primarily coastal land area is only 11% of the total land area (8,941 square kilometers) encompassed by the proposed WNSH 0.5 mV/m contour.

In actual practice, the proposed overlap area will increase interference-free service to the Cape Cod area due to increased radiation from the proposed facilities in that direction. However, the Cape Cod area is well outside the primary service area of WNSH. Further, no prohibited overlap is predicted to occur to the WFTU 0.5 mV/m protected contour from the 0.025 mV/m interfering contour of the proposed facility as shown in **Exhibit 14 - Figure 2A**.

Similar waivers of 73.37 have been granted in cases of contour overlap created by long salt water paths<sup>2</sup>. To the extent a waiver of Section 73.37 of the Rules is required with respect to the WFTU contour overlap, one is hereby respectfully requested on behalf of the applicant.

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<sup>2</sup> See Spann Communications, 4 FCC Rcd 617 (1989) and affirmed in letter of December 5, 1996 from Dennis Williams to Steven Stone regarding WWRL(AM) New York, NY, BP-960611AB.

Exhibit 14 - Statement B  
**DAYTIME COVERAGE AND ALLOCATION CONSIDERATIONS**  
(page 3 of 4)

**Interference Reduction**

*Willow Farm* has entered into an interference reduction arrangement with the licensee of WPEP, 1570 kHz, Taunton, MA (Facility Id 31601) wherein the license of WPEP will be surrendered prior to the commencement of the proposed WNSH operation. The requisite showings for an interference reduction agreement, as established in MM Docket No. 89-46, are demonstrated herein.

The licensed facilities of WPEP are predicted to cause interference to the licensed operation of WNSH. As shown in **Exhibit 14-Figure 4**, the WPEP interfering contour overlaps 100% of the licensed WNSH 0.5 mV/m coverage contour. Removal of WPEP will permit interference free service to essentially the entire licensed WNSH 0.5 mV/m coverage area (787.0 square kilometer and 324,755 persons) in addition to permitting the ten-fold increase in coverage of WNSH proposed herein.

**Increased Service**

A grant of the proposed power increase for WNSH will result in the 0.5 mV/m contour covering 3,638,262 people in a 8,941 square kilometer area. This is an increase of 3,313,507 persons and 8,154 square kilometers greater than the licensed WNSH 0.5 mV/m contour coverage. No additional interference is predicted to occur to any other station as a result of this proposal.

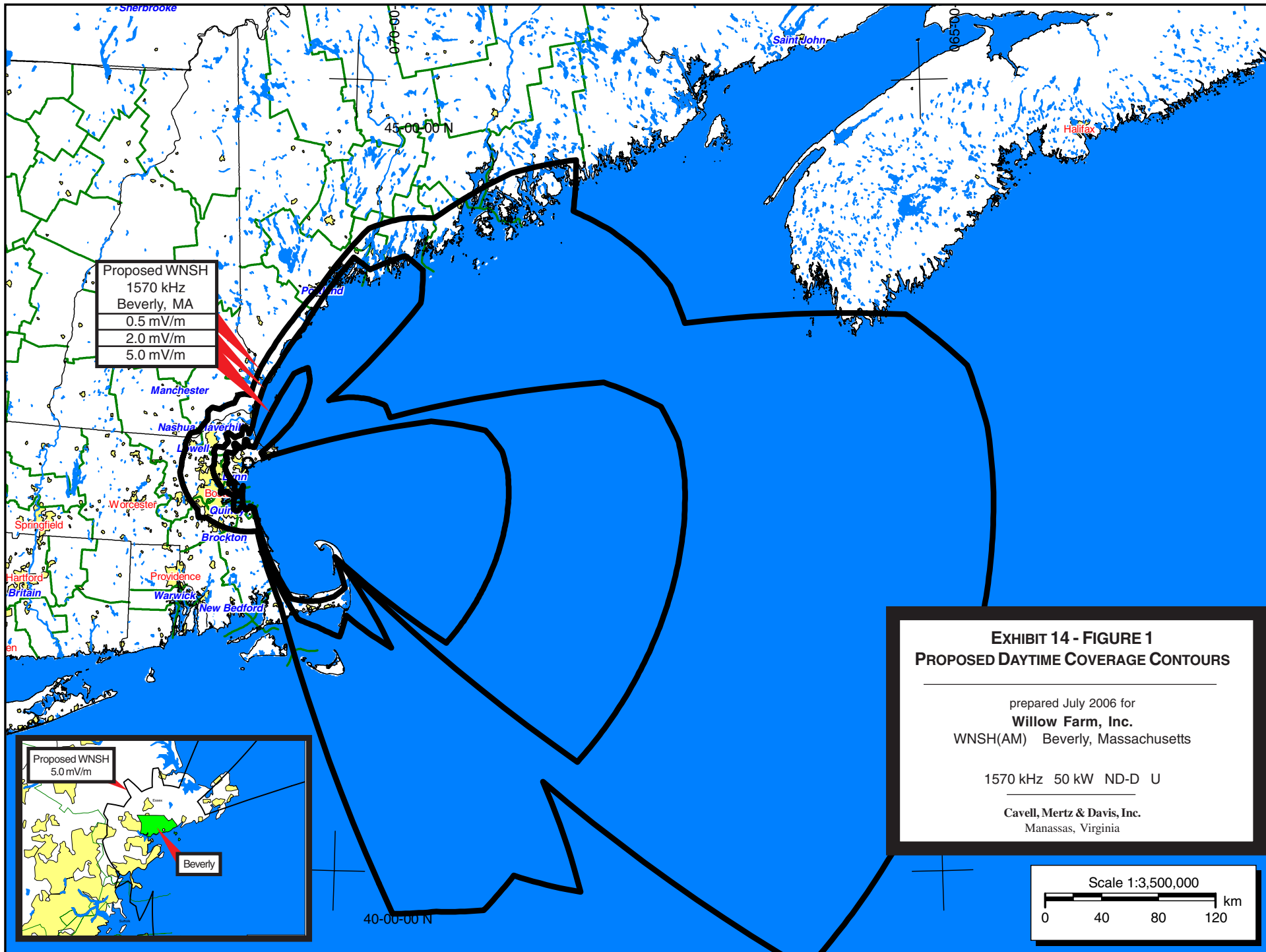
**Local Service Floor**

Due to its close proximity to the Boston metropolitan area, the entire WPEP 0.5 mV/m coverage area will remain well served with no fewer than 25 audio services remaining. Consequently, no “white” or “gray” areas will be created by the removal of WPEP. Further, WSNE-FM, Channel 227B allocated to Taunton, Massachusetts will continue to provide aural service to that community. Additional exhibits showing the remaining aural services in the WPEP coverage area can be provided upon request of the Commission.

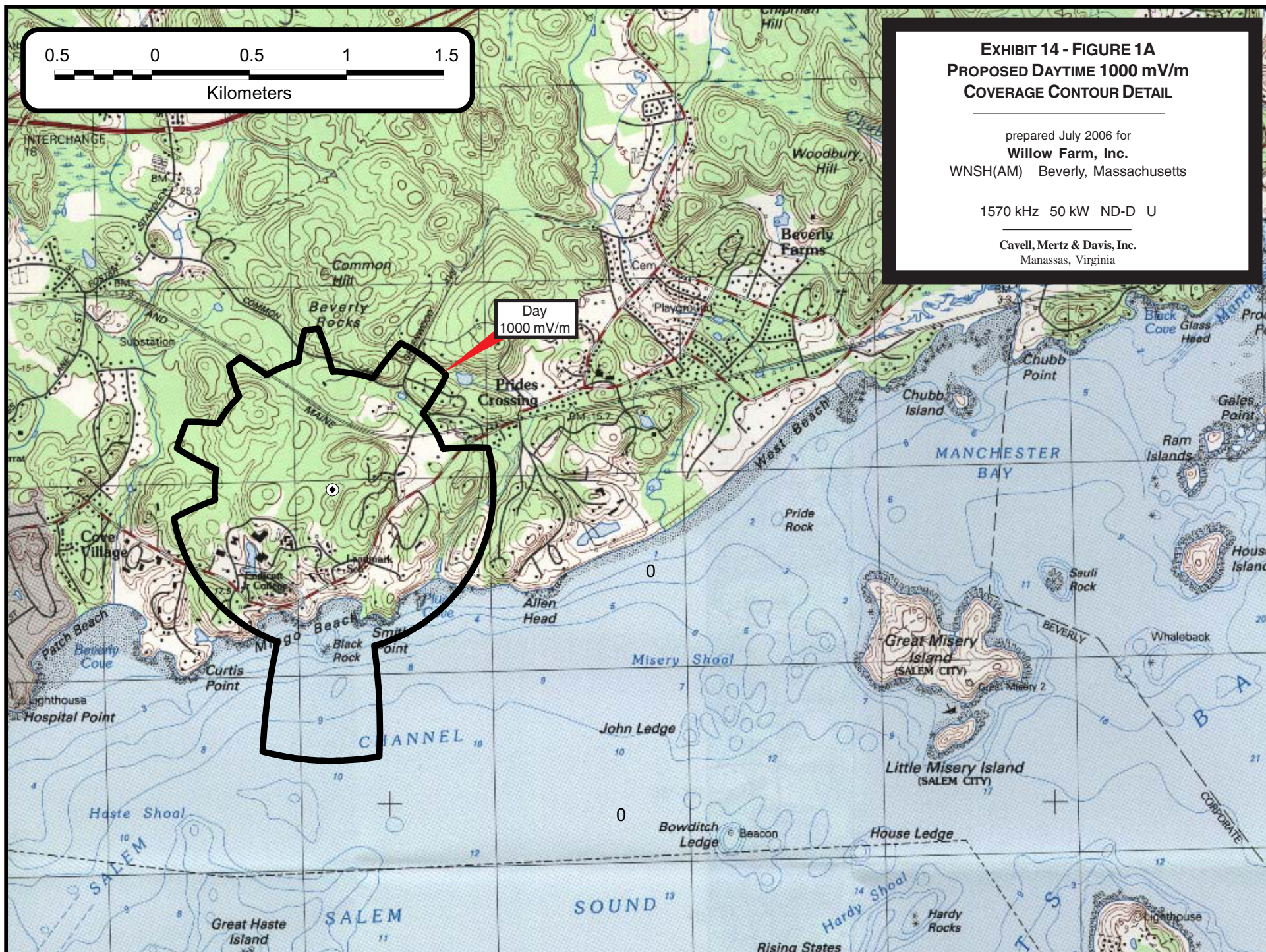
Exhibit 14 - Statement B  
**DAYTIME COVERAGE AND ALLOCATION CONSIDERATIONS**  
(page 4 of 4)

**Conclusion**

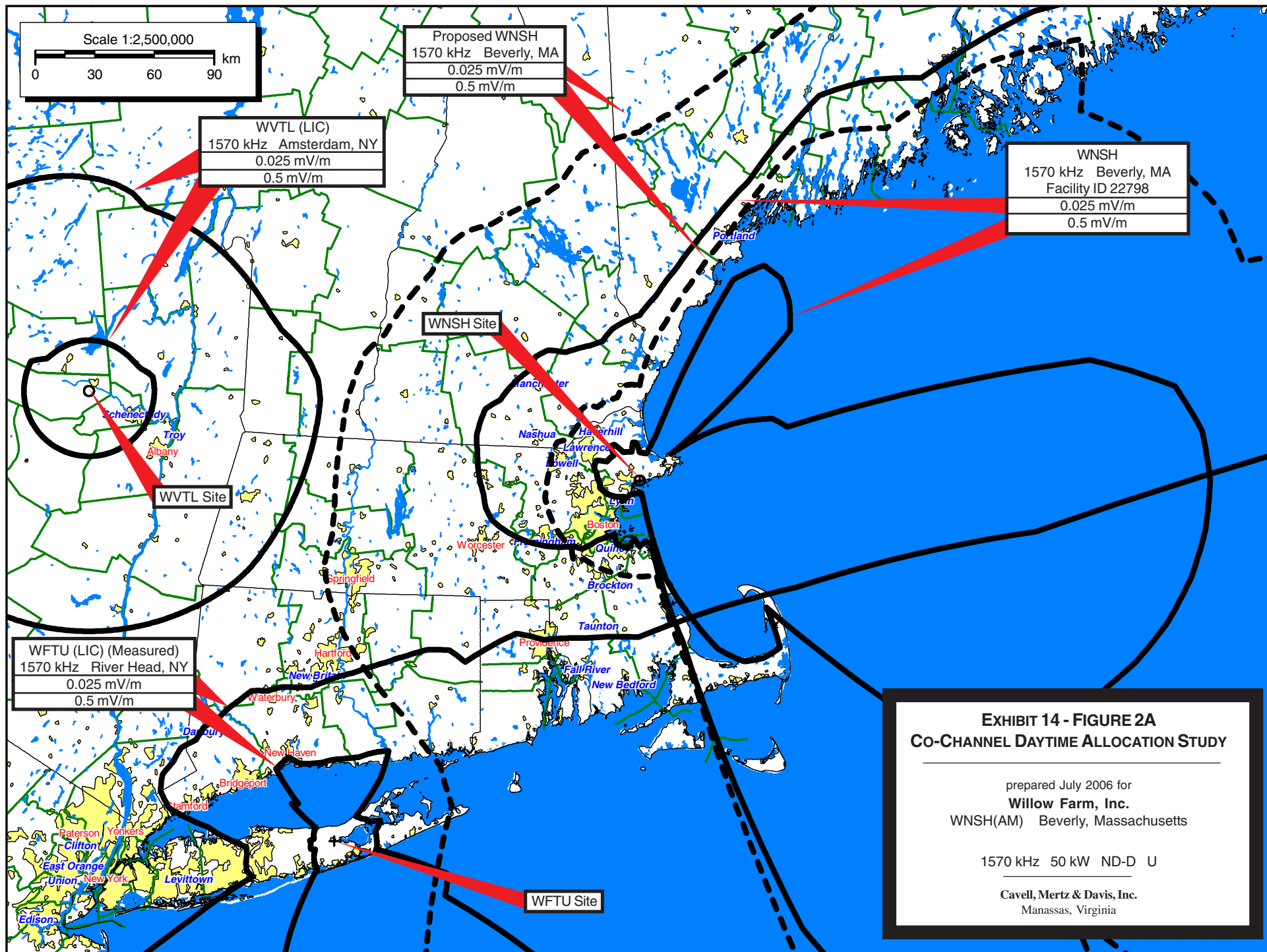
Based upon these tables and figures, it is believed that the facility is compliant with the appropriate allocation requirements of the Commission's Rules and policies. Further, the reduction of interference by the removal of WPEP and the increased area and population served by the proposed WNSH facility is clearly in the public interest.









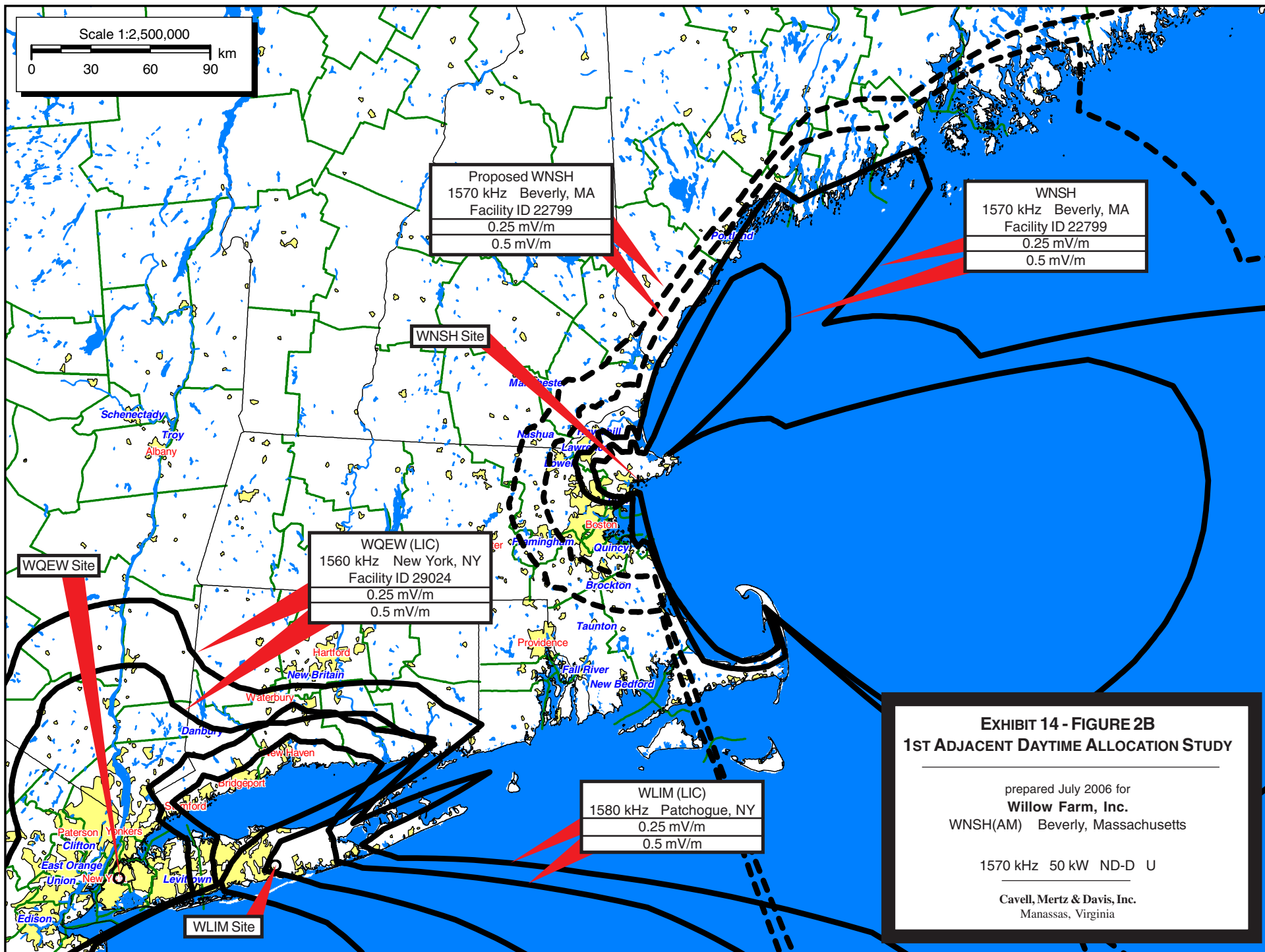


**EXHIBIT 14 - FIGURE 2A**  
**Co-Channel Daytime Allocation Study**

prepared July 2006 for  
**Willow Farm, Inc.**  
WNSH(AM) Beverly, Massachusetts

1570 kHz 50 kW ND-D U

Cavell, Mertz & Davis, Inc.  
Manassas, Virginia





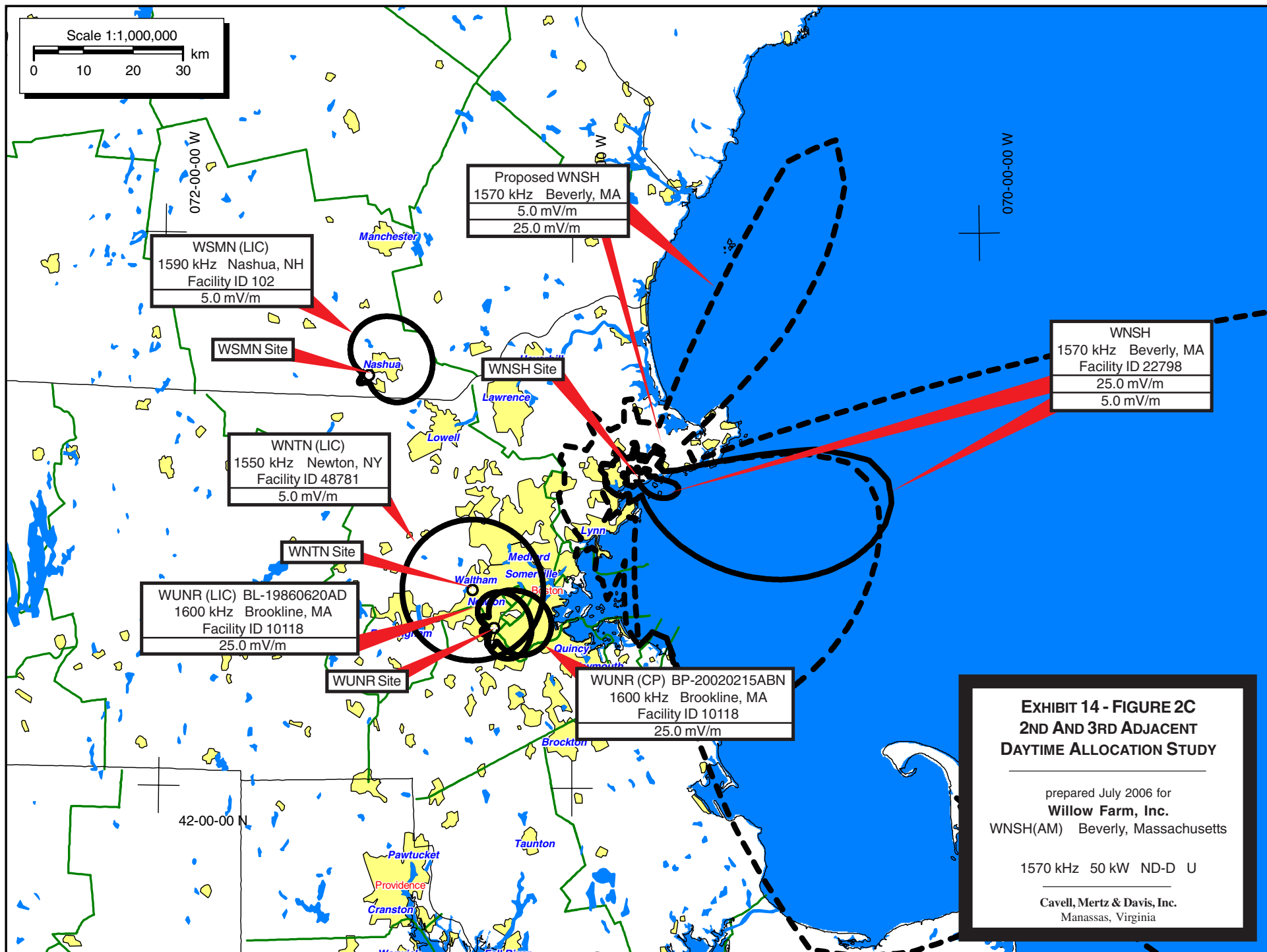


Exhibit 14 - Table I  
**PROPOSED DAYTIME DISTANCE TO CONTOURS**

prepared for  
**Willow Farm, Inc.**  
WNSH(AM) Beverly, Massachusetts  
Facility ID 22798  
1570 kHz 30 kW ND-D U

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measurement Data	Distances To Contours						
			1000 mV/m (km)	25.0 mV/m (km)	5.0 mV/m (km)	2.0 mV/m (km)	0.5 mV/m (km)	0.25 mV/m (km)	0.025 mV/m (km)
0	1392	6*-0.4, 0.5*-0.9, 0.1*-11.2, 2-25.6, 5000-30.2 2-59.6, 5000-69.6, 2-199.1, 1-304.8, 4-483.5 5000-501.8, 4-570.1, 2-667.8, 2-1384.8, 2-1500	0.61	5.09	11.8	20.6	47.7	73.9	175
5	1392	6*-0.4, 0.5*-0.9, 0.1*-11.2, 2-20.1, 5000-42.6 2-59.2, 5000-61.8, 2-216.9, 1-353.7, 4-521.4 5000-554.3, 4-612.6, 2-718.6, 2-1389.3, 2-1500	0.61	5.09	11.8	25.8	66.5	84.4	185
10	1392	6*-0.4, 0.5*-0.9, 0.1*-11.2, 2-16.1, 5000-55.4 2-57.1, 5000-59.8, 2-234.6, 1-505.9, 4-617.8 5000-667.3, 2-776.6, 2-1412.3, 2-1500	0.61	5.09	11.8	57.1	82.6	100.4	201
15	1392	6*-0.4, 0.5*-0.9, 0.1*-11.2, 2-14.4, 5000-71 2-81.6, 5000-90.7, 2-253.2, 1-538.5, 2-690.7 5000-760.4, 2-761.1, 5000-773, 2-832.7, 2-1446.8 2-1500	0.61	5.09	11.8	73.1	104.3	122.1	223
20	1392	6*-0.4, 0.5*-0.9, 0.1*-11.2, 2-13.5, 5000-101.5 2-109.1, 5000-117.7, 2-276, 1-572.3, 2-762.5 5000-903.1, 2-908.3, 5000-912.1, 2-1500.5	0.61	5.09	11.8	102.2	132.9	150.8	252
25	1392	2-12.8, 5000-159.4, 2-310.2, 1-548.5, 2-833.4 5000-961.7, 2-1500	0.83	7.64	70.6	162.2	185.2	203.0	304
30	1392	2-12.3, 5000-156.7, 2-163.9, 5000-185.5, 2-354.8 1-469.3, 2-705.9, 5000-734.3, 2-871.6, 5000-945.9 2-967.6, 5000-1014.9, 2-1447.9, 5000-1460.7, 2-1466.4 5000-1500	0.83	7.64	78.9	160.2	202.8	220.7	322

Exhibit 14 - Table I

(Page 2 of 7)

**PROPOSED DAYTIME DISTANCE TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measurement Data	Distances To Contours						
			1000 mV/m (km)	25.0 mV/m (km)	5.0 mV/m (km)	2.0 mV/m (km)	0.5 mV/m (km)	0.25 mV/m (km)	0.025 mV/m (km)
35	1392	2-12.7, 5000-181.3, 2-193.5, 5000-205.1, 2-253.5 5000-255.6, 2-339.9, 1-426.2, 2-737.1, 5000-815.3 2-842.9, 5000-851.7, 2-854.2, 5000-947.5, 2-1002 5000-1081.5, 2-1500	0.83	7.64	71.8	182.5	215.8	233.7	336
40	1392	2-13.6, 5000-258.5, 2-329.7, 1-410.1, 2-676 5000-988.4, 2-1018.3, 5000-1179, 2-1296.7, 5000-1359.8 2-1500	0.83	7.64	58.2	182.5	274.8	292.7	388
45	1392	2-14.8, 5000-303.6, 2-341.2, 1-410.8, 2-659.5 5000-705.1, 4-734.3, 5000-1331.3, 1-1478.9, 5000-1500	0.83	7.64	40.8	165.1	313.3	331.2	424
50	1392	2*-0.5, 0.5*-2.2, 0.1*-13.2, 2-15.7, 5000-373.1 1-379.5, 5000-457.7, 2-575.3, 4-663.5, 5000-696.6 4-725.9, 5000-1123.8, 1-1151.3, 5000-1162.2, 1-1382.2 5000-1500	0.61	5.09	11.6	71.7	288.7	377.6	541
55	1392	2*-0.5, 0.5*-2.2, 0.1*-13.2, 2-14.7, 5000-568.6 4-676.4, 5000-747.8, 4-816.5, 5000-940.6, 1-956.5 5000-1095.3, 1-1500	0.61	5.09	11.6	85.2	302.2	417.0	649
60	1392	2*-0.5, 0.5*-2.2, 0.1*-13.2, 2-13.9, 5000-438.4 2-603.5, 5000-608, 2-652.8, 4-794.3, 5000-829.7 1-898.5, 4-936, 5000-1308.1, 1-1325.9, 5000-1352.5 1-1424, 5000-1428.2, 1-1460.8, 5000-1498.9, 1-1500	0.61	5.09	11.6	95.9	312.9	427.7	538
65	1392	2*-0.5, 0.5*-2.2, 0.1*-13.2, 2-13.3, 5000-409.9 2-570.9, 5000-583.6, 2-592.2, 5000-603.9, 2-776.6 4-785.8, 5000-791.8, 4-838.6, 5000-1435.5, 1-1484 5000-1500	0.61	5.09	11.6	104.4	321.4	414.4	515
70	1392	2*-0.5, 0.5*-2.2, 0.1*-13.2, 5000-426.8, 2-518.9 5000-1500	0.61	5.09	11.6	104.8	321.8	428.5	551
75	1392	2-8.6, 5000-1500	0.83	7.64	131.7	256.0	473.0	587.8	986
80	1392	2-5.3, 5000-1500	0.83	31.70	168.2	292.5	509.5	624.3	1022
85	1392	2-3.8, 5000-1500	0.83	41.83	178.4	302.7	519.7	634.5	1032
90	1392	2-3, 5000-1500	0.83	45.90	182.4	306.7	523.7	638.5	1036
95	1392	2-2.5, 5000-1500	0.83	47.91	184.5	308.7	525.8	640.6	1038

Exhibit 14 - Table I

(Page 3 of 7)

**PROPOSED DAYTIME DISTANCE TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measurement Data	Distances To Contours						
			1000 mV/m (km)	25.0 mV/m (km)	5.0 mV/m (km)	2.0 mV/m (km)	0.5 mV/m (km)	0.25 mV/m (km)	0.025 mV/m (km)
100	1392	2-2.1, 5000-1500	0.83	49.06	185.6	309.9	526.9	641.7	1039
105	1392	2-1.9, 5000-1500	0.83	49.77	186.3	310.6	527.6	642.4	1040
110	1392	2-1.7, 5000-1500	0.83	50.24	186.8	311.1	528.1	642.9	1041
115	1392	2-1.6, 5000-1500	0.83	50.57	187.1	311.4	528.4	643.2	1041
120	1392	2-1.4, 5000-1500	0.83	50.91	187.5	311.7	528.7	643.6	1041
125	1392	2-1.3, 5000-1500	0.83	51.17	187.7	312.0	529.0	643.8	1042
130	1392	2-1.2, 5000-1500	0.83	51.35	187.9	312.2	529.2	644.0	1042
135	1392	2-1.1, 5000-74.5, 2-77.7, 5000-86.6, 2-99.7 5000-1500	0.83	51.48	90.0	98.8	304.9	419.7	817
140	1392	2-1, 5000-106, 2-116.2, 5000-1500	0.83	51.57	111.0	164.0	381.0	495.8	894
145	1392	2-1, 5000-106.6, 2-119.8, 5000-1500	0.83	51.64	111.6	127.3	344.4	459.2	857
150	1392	2-0.9, 5000-104, 2-116.3, 5000-1500	0.83	51.69	109.2	137.9	354.9	469.7	867
155	1392	2-0.9, 5000-99.8, 2-113.1, 5000-1500	0.83	51.73	105.2	124.5	341.5	456.3	854
160	1392	2-0.9, 5000-94.3, 2-108.3, 5000-1500	0.83	51.76	100.1	115.2	332.2	447.0	845
165	1392	2-0.9, 5000-51.4, 2-59, 5000-68.8, 2-113.4 5000-1500	0.83	51.39	69.3	78.1	101.1	145.8	544
170	1392	2-0.6, 5000-3, 2-3.2, 5000-6.1, 2-7.4 5000-32.1, 2-40, 2-92.1, 5000-96.3, 2-113.8 5000-1500	1.39	32.10	32.1	32.1	48.2	66.0	306
175	1392	2-0.7, 5000-4.3, 2-4.5, 5000-4.7, 2-4.9 5000-5, 2-5.2, 5000-5.3, 2-5.4, 5000-6.6 2-7.4, 5000-30.5, 2-31.3, 5000-32.4, 2-40 2-91, 5000-91.8, 2-97.1, 5000-1500	1.39	30.50	30.5	30.5	48.2	66.0	346
180	1392	2-0.7, 5000-4.3, 2-6.2, 5000-7.3, 2-7.4 5000-33.2, 2-40, 2-103.6, 5000-1500	1.39	33.20	33.2	33.2	48.2	66.0	323
185	1392	2-0.7, 5000-4.3, 2-7.9, 5000-29.2, 2-30 5000-35.4, 2-36.7, 5000-37.2, 2-40, 2-114.8 5000-1500	1.39	7.64	29.2	29.2	48.2	66.0	290
190	1392	2-0.7, 5000-4.2, 2-9, 5000-16.2, 2-16.6 5000-34.5, 2-40, 2-112.6, 5000-1500	1.39	7.64	16.4	34.5	48.2	66.0	296



Exhibit 14 - Table I

(Page 4 of 7)

**PROPOSED DAYTIME DISTANCE TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measurement Data	Distances To Contours						
			1000 mV/m (km)	25.0 mV/m (km)	5.0 mV/m (km)	2.0 mV/m (km)	0.5 mV/m (km)	0.25 mV/m (km)	0.025 mV/m (km)
195	1392	2-0.8, 5000-4.4, 2-11.7, 5000-15.7, 2-16.3 5000-24.7, 2-25, 5000-34.2, 2-40, 2-117.6 5000-1500	1.39	7.64	24.7	34.2	48.2	66.0	282
200	1392	2-0.9, 5000-7.2, 2-11.6, 5000-15.2, 2-16 5000-21.4, 2-24.1, 5000-25, 2-26, 5000-33.8 2-40, 2-105.5, 5000-1500	0.83	7.64	21.4	25.2	48.2	66.0	317
205	1392	2-0.9, 5000-6.7, 2-12.2, 5000-14.4, 2-14.6 5000-21, 2-23.5, 5000-25.1, 2-27.1, 5000-28.2 2-40, 2-99.2, 5000-104.9, 2-107, 5000-114 2-118.2, 5000-119.5, 2-144.3, 5000-1500	0.83	7.64	21.0	25.2	48.2	66.0	251
210	1392	2-1.2, 5000-3.8, 2-4.5, 5000-6.5, 2-16.2 5000-16.6, 2-40, 2-156.8, 5000-191.3, 0.5-199.1 5000-1500	0.83	7.64	16.6	25.2	48.2	66.0	188
215	1392	2-1.2, 5000-3.4, 2-3.7, 5000-4, 2-5.8 5000-6, 2-40, 2-163.5, 5000-203.4, 0.5-206.5 5000-208.5, 0.5-226, 5000-797.9, 4-803, 5000-809.9 4-832.9, 5000-833.9, 4-848.2, 5000-848.9, 4-854.1 5000-859.1, 4-859.7, 5000-873, 4-942, 5000-947.5 4-984.1, 5000-985.8, 4-1042.8, 5000-1044.7, 4-1047.9 5000-1052, 4-1075, 5000-1500	0.83	7.64	16.4	25.2	48.2	66.0	174
220	1392	2-1.3, 5000-3.4, 2-4.9, 5000-5.2, 5000-5.8 2-174.4, 5000-177.5, 2-180.6, 5000-215.2, 0.5-255.5 5000-569.8, 2-653.7, 5000-656, 2-661.2, 5000-674.3 2-675.1, 5000-763, 4-780.8, 5000-788.2, 4-817.8 2-1001, 4-1058.7, 2-1098.2, 4-1397.7, 5000-1500	0.83	11.18	19.9	28.7	51.7	69.6	171
225	1392	2-1.2, 5000-1.8, 2-2, 5000-4.7, 2-40 2-201.4, 5000-247.3, 0.5-286.6, 5000-389.3, 4-513.5 5000-546.1, 4-604.4, 2-650.7, 5000-680, 4-683.6 5000-695.9, 4-723.5, 5000-727.8, 2-1015.3, 4-1054.8 2-1283.3, 4-1500	0.83	7.64	16.4	25.2	48.2	66.0	167

Exhibit 14 - Table I

(Page 5 of 7)

**PROPOSED DAYTIME DISTANCE TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measurement Data	Distances To Contours						
			1000 mV/m (km)	25.0 mV/m (km)	5.0 mV/m (km)	2.0 mV/m (km)	0.5 mV/m (km)	0.25 mV/m (km)	0.025 mV/m (km)
230	1392	2-1.2, 5000-1.7, 2-2.3, 5000-4.7, 2-5.2 5000-5.7, 2-20, 2-224.1, 5000-275.4, 4-281 0.5-324.9, 5000-357.7, 4-520.7, 5000-528, 4-600.2 40-600.7, 4-606.3, 40-643.3, 4-699.6, 5000-703 4-723.6, 2-942.3, 4-1500	0.83	7.64	16.4	25.2	48.2	66.0	167
235	1392	2-2.6, 5000-3.6, 2-4.2, 5000-5.2, 2-20 2-220.9, 1-292.4, 4-607.6, 40-610, 4-627.1 2-1472.4, 1-1500	0.83	7.64	16.4	25.2	48.2	66.0	167
240	1392	2-2.7, 5000-2.9, 2-4.8, 5000-5.4, 2-20 2-209.8, 1-283.2, 4-334.3, 2-377.3, 4-611.1 2-1091.6, 4-1262.9, 2-1442.3, 4-1500	0.83	7.64	16.4	25.2	48.2	66.0	167
245	1392	2-4.4, 5000-4.6, 2-5.2, 5000-5.8, 2-20 2-198.5, 1-258.8, 4-317, 2-394, 4-421 2-500.6, 4-559.7, 2-686.6, 4-838.9, 2-1395.1 4-1500	0.83	7.64	16.4	25.2	48.2	66.0	167
250	1392	2-4.4, 5000-4.6, 2-5.2, 5000-5.8, 2-20 2-153.5, 1-225.1, 4-459.2, 2-616.8, 4-838.3 2-1191.6, 8-1269, 4-1500	0.83	7.64	16.4	25.2	48.2	66.0	166
255	1392	2-4.4, 5000-4.6, 2-5.2, 5000-5.8, 2-20 2-126.7, 1-207.7, 4-494.3, 2-731, 4-1007.5 2-1009.4, 8-1088.8, 2-1104.2, 8-1353.3, 4-1409.3 8-1500	0.83	7.64	16.4	25.2	48.2	66.0	164
260	1392	2-4.4, 5000-4.6, 2-5.2, 5000-5.8, 2-20 2-63.6, 1-195.2, 4-586.6, 2-761.6, 4-800.6 8-1500	0.83	7.64	16.4	25.2	48.2	65.7	156
265	1392	0.5*-1, 1*-2.7, 1.5*-12.9, 2-51.4, 1-188.1 4-684, 2-746.3, 8-1005.4, 15-1075.7, 8-1161.9 15-1275.2, 8-1495.2, 15-1500	0.61	6.81	15.0	23.8	46.8	62.8	153
270	1392	0.5*-1, 1*-2.7, 1.5*-12.9, 2-43.7, 1-182.8 4-750.4, 8-878.1, 10-960.6, 20-962.6, 10-1009 8-1219.2, 2-1236.6, 8-1410.9, 15-1479, 8-1500	0.61	6.81	15.0	23.8	46.3	61.7	152

Exhibit 14 - Table I

(Page 6 of 7)

**PROPOSED DAYTIME DISTANCE TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measurement Data	Distances To Contours						
			1000 mV/m (km)	25.0 mV/m (km)	5.0 mV/m (km)	2.0 mV/m (km)	0.5 mV/m (km)	0.25 mV/m (km)	0.025 mV/m (km)
275	1392	0.5*-1, 1*-2.7, 1.5*-12.9, 2-38.3, 1-179.2 4-555.9, 8-603.5, 4-632.8, 8-674.1, 10-765.5 20-767.4, 4-825.3, 20-952.1, 15-999.1, 8-1176.5 2-1260.2, 8-1389, 15-1416, 8-1500	0.61	6.81	15.0	23.8	45.5	60.9	152
280	1392	0.5*-1, 1*-2.7, 1.5*-12.9, 2-34.8, 1-176.9 4-550.3, 8-677.3, 15-730.3, 20-751.1, 4-808.5 6-888.9, 10-926.3, 8-956.3, 15-1022.2, 8-1215.9 2-1271.8, 8-1380.2, 15-1410.3, 8-1538.8	0.61	6.81	15.0	23.8	45.0	60.4	151
285	1392	2-32.9, 1-176, 2-181.1, 4-209, 2-299.2 4-467.4, 8-518.9, 15-672.2, 6-730.8, 4-804.1 6-893.2, 10-936.7, 8-1176.2, 2-1258.4, 8-1468.8 4-1500	0.83	7.64	16.4	25.2	45.9	61.3	152
290	1392	2-31.4, 1-175.7, 2-287.7, 4-465.8, 8-487.1 15-523.2, 4-533.4, 15-534.1, 4-597.4, 6-727.8 4-770.2, 10-821.3, 4-833.9, 10-842.6, 4-860.2 10-862.2, 4-874.6, 10-960.1, 8-1392.3, 4-1500	0.83	7.64	16.4	25.2	45.7	61.1	152
295	1392	2-30.3, 1-176.8, 2-282.7, 4-469.1, 15-484.7 10-516.5, 4-619, 1-801.4, 10-802.7, 1-805.4 10-931.4, 4-1052.3, 10-1072, 8-1109.3, 2-1111.7 8-1397, 4-1461.8, 8-1468.5, 4-1500	0.83	7.64	16.4	25.2	45.5	60.9	152
300	1392	2*-0.4, 1*-11.6, 0.5*-14.8, 2-29.8, 1-179.3 2-281.7, 4-452.8, 10-487.7, 4-555.2, 1-771.7 2-1204.5, 8-1500	0.68	6.04	12.2	20.2	41.3	56.6	147
305	1392	2*-0.4, 1*-11.6, 0.5*-14.8, 2-30.1, 1-183.3 2-284.8, 4-442.2, 10-483.5, 4-602.9, 1-735.7 2-1386.9, 8-1399.9, 2-1500	0.68	6.04	12.2	20.2	41.3	56.7	147
310	1392	2*-0.4, 1*-11.6, 0.5*-14.8, 2-30.6, 1-188 2-291.4, 4-429.2, 10-497.9, 4-627.3, 2-1427.2 2-1500	0.68	6.04	12.2	20.2	41.4	56.8	147

Exhibit 14 - Table I

(Page 7 of 7)

**PROPOSED DAYTIME DISTANCE TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measurement Data	Distances To Contours						
			1000 mV/m (km)	25.0 mV/m (km)	5.0 mV/m (km)	2.0 mV/m (km)	0.5 mV/m (km)	0.25 mV/m (km)	0.025 mV/m (km)
315	1392	2*-0.4, 1*-11.6, 0.5*-14.8, 2-31.4, 1-194.4 2-299.8, 4-392.7, 10-487, 4-520.5, 2-1003.9 6-1273, 2-1500	0.68	6.04	12.2	20.2	41.5	56.9	148
320	1392	2-32.9, 1-200.4, 0.5-217.2, 2-307.8, 4-360.1 10-451.6, 4-480.3, 2-902.1, 6-1096, 2-1500	0.83	7.64	16.4	25.2	45.9	61.3	152
325	1392	2-35.2, 1-190.6, 0.5-239.4, 2-322.1, 4-342.3 10-406.1, 4-437.5, 2-830.3, 6-929.5, 2-935.8 2-1218.2, 5000-1218.9, 2-1500	0.83	7.64	16.4	25.2	46.3	61.7	152
330	1392	1*-1.7, 0.5*-5, 0.1*-12.4, 2-38.3, 1-191.2 0.5-257.5, 2-316.3, 4-357.5, 10-411.1, 4-442.7 2-640.5, 2-1047.9, 2-1194.8, 5000-1494, 2-1500	0.68	5.09	11.6	20.2	42.4	57.8	148
335	1392	1*-1.7, 0.5*-5, 0.1*-12.4, 2-42.3, 1-193.3 0.5-281, 2-302, 4-365.6, 6-381.4, 10-427.4 4-456.8, 2-600.9, 2-1239.5, 5000-1257.8, 2-1266.6 5000-1500	0.68	5.09	11.6	20.2	43.0	58.4	149
340	1392	1*-1.7, 0.5*-5, 0.1*-12.4, 2-47.6, 1-196.9 0.5-291.3, 4-367.4, 6-427.9, 10-433.7, 4-470.8 2-586.8, 2-1490.2, 5000-1500	0.68	5.09	11.6	20.2	43.2	59.2	150
345	1392	1*-1.7, 0.5*-5, 0.1*-12.4, 2-60.5, 1-107.1 2-132.8, 1-203.1, 0.5-283.5, 4-373.4, 6-445.2 4-486.1, 2-585.7, 2-1448.7, 2-1527.9	0.68	5.09	11.6	20.2	43.2	61.0	154
350	1392	2-162.3, 1-215, 0.5-285.3, 4-392, 6-463.1 4-504.2, 2-601.1, 2-1412.2, 2-1500	0.83	7.64	16.4	25.2	48.2	66.0	167
355	1392	2-29.2, 5000-29.5, 2-57.1, 5000-61.8, 2-181.2 1-237, 0.5-302.3, 4-529, 2-627.5, 2-1390.6 2-1500	0.83	7.64	16.4	25.2	48.4	70.2	171



Exhibit 14 - Table II-A

(Page 1 of 3)

**WVTL(AM) - DISTANCES TO CONTOURS**

WVTL(AM) ND1 U 1170 kHz Amsterdam, NY Facility ID: 72624

prepared for

**Willow Farm, Inc.**

WNSH(AM) Beverly, Massachusetts

Facility ID 22798

1570 kHz 50 kW ND-D U

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contours	
			0.5 mV/m (km)	0.025 mV/m (km)
0	318.7	4-4.7, 2-50.2, 4-232.4, 10-290.6, 4-312.4, 2-499.9, 2-1000	25.5	106.4
5	318.7	4-4.8, 2-57.3, 4-233.3, 10-289, 4-329.3, 2-509.1, 2-1000	25.5	104.6
10	318.7	4-4.9, 2-69.1, 4-236.1, 10-315.9, 4-375.9, 2-529, 2-1000	25.6	101.7
15	318.7	4-5, 2-95.7, 4-240.7, 10-372.4, 4-427.5, 2-573.4, 2-1000	25.6	96.1
20	318.7	4-5.2, 2-223.1, 4-307.7, 6-414.3, 4-486.2, 2-649.9, 2-1000	25.7	96.1
25	318.7	4-5.4, 2-257.7, 4-342.3, 6-466, 4-585.3, 2-767.1, 2-1000	25.7	96.2
30	318.7	4-5.7, 2-270.7, 4-521.9, 5000-597.1, 4-606.9, 5000-626.8, 4-650.5, 5000-695, 2-742.1, 5000-748, 2-895.5, 2-1000	25.8	96.3
35	318.7	4-6.1, 2-253.9, 0.5-287.7, 4-633.8, 2-815.4, 5000-1000	25.9	96.4
40	318.7	4-6.6, 2-204.6, 0.5-309.6, 4-340.3, 0.5-348.4, 4-472, 1-647.7, 2-962.5, 5000-1000	26.1	96.6
45	318.7	4-7.3, 2-183.6, 0.5-369.2, 1-683.5, 2-842, 5000-872.6, 2-1000	26.3	96.8
50	318.7	4-8.1, 2-179, 0.5-325.9, 1-642.5, 2-911.4, 5000-1000	26.6	97.0
55	318.7	4-9.3, 2-160.8, 1-605.5, 2-864.4, 5000-1000	26.9	97.4
60	318.7	4-11, 2-143.9, 1-293.5, 2-526.7, 1-606, 2-826.5, 4-850.1, 5000-889, 4-909.5, 5000-1000	27.4	97.9
65	318.7	4-15, 2-132, 1-263.4, 2-470.9, 5000-472, 2-531.6, 1-616.2, 5000-637.1, 2-774.5, 4-796.5, 5000-834.3, 4-893.5, 5000-955.5, 4-994.8, 5000-1000	28.5	99.0
70	318.7	4-24, 2-123.1, 1-252.9, 2-366.4, 5000-374.9, 2-387.6, 5000-388.8, 2-434.6, 5000-477.9, 2-478.7, 5000-518.4, 2-519, 5000-725.1, 2-839.6, 5000-841.9, 2-936.6, 4-1000	30.7	101.2
75	318.7	4-47.6, 2-116.2, 1-254.5, 2-333.9, 5000-660.8, 2-815.3, 5000-865.2, 2-868.2, 5000-1000	32.7	106.5
80	318.7	4-71.8, 2-110.8, 1-258.1, 2-299.2, 5000-687.7, 2-723.1, 5000-1000	32.7	111.5
85	318.7	4-94.7, 2-106.7, 1-259.7, 2-269.1, 5000-274.8, 2-281.8, 5000-287.9, 2-289, 5000-1000	32.7	114.9
90	318.7	4-103.8, 1-256.5, 2-276.5, 5000-1000	32.7	116.0
95	318.7	4-102, 1-250, 2-289.4, 5000-1000	32.7	115.5
100	318.7	4-101, 1-229.8, 2-271.9, 5000-1000	30.7	115.3
105	318.7	4-100.9, 1-208.8, 2-298.8, 5000-340.2, 2-342.6, 5000-352, 2-356.7, 5000-1000	32.7	115.2
110	318.7	4-101.6, 1-180.8, 2-323.8, 5000-354.6, 2-376.5, 5000-1000	32.7	115.4
115	318.7	4-103, 1-171, 2-316.2, 5000-327.1, 2-338.7, 5000-1000	32.7	115.8
120	318.7	4-105.3, 1-167.2, 2-267.5, 5000-289.2, 2-300.6, 5000-1000	32.7	116.4
125	318.7	4-108.6, 1-162.6, 2-280.9, 5000-1000	32.7	117.3
130	318.7	4-112.9, 1-157.1, 2-267.6, 5000-1000	32.7	118.5
135	318.7	4-118, 1-153.8, 2-247.9, 5000-1000	32.7	119.9
140	318.7	4-122.8, 1-157.6, 2-233.4, 5000-251.4, 0.5-254.5, 5000-268.3, 0.5-278.3, 5000-1000	32.7	120.5

Exhibit 14 - Table II-A

(Page 2 of 3)

**WVTL(AM) - DISTANCES TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contours	
			0.5 mV/m (km)	0.025 mV/m (km)
145	318.7	4-129.1, 1-172.6, 2-221.4, 5000-250.5, 0.5-255.9, 5000-264, 0.5-272.4, 5000-1000	32.7	120.5
150	318.7	4-137.1, 1-203.3, 2-211.2, 5000-247.3, 0.5-268.5, 5000-1000	32.7	120.5
155	318.7	4-145.3, 1-213.6, 5000-238, 0.5-263.1, 5000-1000	32.7	120.5
160	318.7	4-153.2, 1-212.1, 5000-237.1, 0.5-259.1, 5000-1000	30.7	120.5
165	318.7	4-164.9, 1-216, 5000-228.8, 4-233.4, 0.5-258.1, 5000-1000	32.7	120.5
170	318.7	4-225.8, 5000-232, 4-242.2, 0.5-261.3, 5000-1000	32.7	120.5
175	318.7	4-240.4, 5000-244.2, 4-246.9, 0.5-259.4, 5000-1000	32.7	120.5
180	318.7	4-265.3, 5000-273.4, 4-362.7, 5000-1000	32.7	120.5
185	318.7	4-168.9, 2-240.9, 4-399.5, 5000-402.5, 4-413.6, 5000-1000	32.7	120.5
190	318.7	4-165.3, 2-239.4, 4-417.2, 5000-462.4, 4-479.8, 2-538.1, 5000-792.8, 4-827.5, 5000-1000	30.7	120.5
195	318.7	4-175, 2-231.2, 4-349.4, 5000-352.7, 4-402.6, 5000-410.9, 4-494.4, 2-546.6, 5000-550.8, 2-556.3, 5000-685.4, 4-771.7, 5000-772.6, 4-791, 5000-798.7 4-844.7, 5000-847.8, 4-859.7, 5000-866.5, 4-910.4, 5000-914.6, 4-938.4, 5000-1000	32.7	120.5
200	318.7	4-190.2, 2-226.8, 4-473.9, 40-475.2, 4-483.1, 40-485, 4-492.3, 40-504.9, 4-509.3, 40-512.2, 5000-515.8, 2-529.3, 5000-552.5, 4-563.5, 5000-578.6 4-606.6, 5000-613.3, 2-643.2, 5000-646.7, 2-669.3, 5000-673, 2-889.6, 4-1000	32.7	120.5
205	318.7	4-209.5, 2-260.5, 4-430.6, 40-460.4, 4-466.5, 40-468.4, 4-473.3, 40-475.3, 4-482.4, 40-483.1, 4-559.7, 5000-567.1, 4-587.9, 2-885.6, 4-931.7, 2-1009.6	32.7	120.5
210	318.7	4-230.5, 2-295.7, 4-421.5, 2-812, 4-934.4, 2-1000	32.7	120.5
215	318.7	4-254.2, 2-324.5, 4-436.8, 2-778.9, 4-879.6, 2-912.2, 4-1000	32.7	120.5
220	318.7	4-261.1, 2-1000	30.7	120.5
225	318.7	4-263, 2-438.5, 4-580.2, 2-900.5, 4-945.7, 2-1000	32.7	120.5
230	318.7	4-273.4, 2-383, 4-649.5, 2-982.4, 4-1000	32.7	120.5
235	318.7	4-299.9, 2-395.2, 4-409.5, 2-485.8, 4-600.4, 2-1000	32.7	120.5
240	318.7	4-326.5, 2-491.2, 4-681.9, 2-952.5, 8-1000	32.7	120.5
245	318.7	4-355.5, 2-500.4, 4-687.8, 8-844.5, 2-865.2, 8-1000	32.7	120.5
250	318.7	4-393.5, 2-512.9, 8-1000	30.7	120.5
255	318.7	4-434.1, 2-478.6, 8-753.7, 15-953.3, 8-1000	32.7	120.5
260	318.7	4-544.8, 8-721.1, 15-733.1, 8-738.2, 15-798.2, 8-920.4, 15-960.8, 8-1000	32.7	120.5
265	318.7	4-392.1, 8-486.7, 10-679.5, 20-723.9, 10-736.5, 8-945.4, 2-960.9, 8-1000	32.7	120.5
270	318.7	4-275.7, 8-392.2, 10-492, 4-548.2, 20-699.2, 15-717.8, 8-867.8, 2-994.4, 8-1000	32.7	120.5
275	318.7	4-273, 8-394.1, 20-491.8, 4-553.9, 6-567.5, 20-637.8, 10-660.6, 8-671.7, 15-734.4, 8-938.6, 2-976.6, 8-1000	32.7	120.5
280	318.7	4-263.9, 8-405.2, 15-443.1, 10-468.9, 4-520.9, 6-611.1, 10-646.3, 8-682.5, 15-750.5, 8-927.2, 2-989.9, 8-1000	30.7	120.5
285	318.7	4-206.7, 8-323, 15-410, 6-463.5, 4-523, 6-618.3, 10-659.6, 8-902.9, 2-980.5, 8-1000	32.7	120.5
290	318.7	4-194.9, 8-234.1, 15-354, 6-448.6, 4-598.6, 10-678.7, 8-1000	32.7	120.5

Exhibit 14 - Table II-A

(Page 3 of 3)

**WVTL(AM) - DISTANCES TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contours	
			0.5 mV/m (km)	0.025 mV/m (km)
295	318.7	4-179, 8-220.9, 15-257, 4-260.6, 15-261.8, 4-265.2, 15-280.5, 4-296.9, 15-303.4, 4-317.6, 6-455.9, 4-502.2, 10-585.4, 4-591.2, 10-605, 4-605.9, 10-610.3, 4-630.1, 10-743.4, 8-1000	32.7	120.5
300	318.7	4-11.3, 2-20.6, 4-186.4, 8-219.6, 15-253, 4-257.7, 15-261.1, 10-261.6, 15-265.6, 4-350 6-422.1, 1-523.9, 10-665.7, 4-707.8, 10-708.7, 4-734.1, 10-735.3, 4-737, 10-824.3, 2-875.4, 8-893.2, 2-913.6, 8-1000	29.6	117.4
305	318.7	4-8.8, 2-27.2, 4-191.3, 8-219.9, 15-250.2, 10-264.9, 4-357.7, 1-537.6, 2-615, 10-618 2-620.6, 10-622.4, 2-976.4, 8-1000	26.8	114.5
310	318.7	4-7.3, 2-29.6, 4-201, 8-203.9, 4-220.4, 15-232.3, 10-259, 4-330.7, 1-515.4, 2-1000	26.3	113.1
315	318.7	4-6.3, 2-31.6, 4-218.4, 15-222.4, 10-252.6, 4-312.5, 1-502.2, 2-1000	26.0	112.1
320	318.7	4-5.8, 2-32.8, 4-212.2, 10-248, 4-313.1, 1-495.4, 2-1006.1	25.8	111.6
325	318.7	4-5.5, 2-33.8, 4-216.2, 10-249.7, 4-417.5, 1-443.8, 2-783.5, 6-1000	25.7	111.2
330	318.7	4-5.2, 2-34.5, 4-220.5, 10-261.4, 4-403.3, 2-733.3, 6-876.4, 2-1000	25.7	110.9
335	318.7	4-5, 2-35.5, 4-226.2, 10-284.4, 4-359.5, 2-699.1, 6-800.4, 2-1000	25.6	110.5
340	318.7	4-4.9, 2-36.9, 4-233, 10-304.6, 4-338.8, 2-666.4, 6-724.7, 2-836.9, 2-1000	25.6	110.1
345	318.7	4-4.8, 2-38.7, 4-237.7, 10-308, 4-333.9, 2-560.1, 2-1000	25.5	109.5
350	318.7	4-4.7, 2-41, 4-236, 10-307, 4-327.9, 2-521.2, 2-1000	25.5	108.8
355	318.7	4-4.7, 2-45, 4-233.3, 10-300.8, 4-319.4, 2-505.2, 2-1000	25.5	107.8

Exhibit 14 - Table II-B

(Page 1 of 3)

**WFTU(AM) - DISTANCES TO CONTOURS**

WFTU(AM) DA2 U 1570 kHz Riverhead, NY Facility ID: 18238

prepared for

**Willow Farm, Inc.**

WNSH(AM) Beverly, Massachusetts

Facility ID 22798

1570 kHz 50 kW ND-D U

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contours	
			0.5 mV/m (km)	0.025 mV/m (km)
0	93	2*-4, 0.5*-6, 0.5-7.2, 5000-39.5, 2-124.7, 1-296.2, 2-454.8, 4-518.7, 6-593.8, 4-640.9 2-754.2, 2-1300	41.0	82.4
5	102	0.5-7.3, 5000-39.3, 2-133.8, 1-336.9, 0.5-457.3, 4-547.3, 6-639.3, 4-688.5, 2-803.8, 2-1300	41.4	84.7
10	118	0.5-7.4, 5000-39.5, 2-149.8, 1-362.8, 0.5-463.7, 4-667.8, 5000-677.8, 4-762.1, 2-880.7, 2-1300	42.4	88.6
15	138	0.5-7.6, 5000-40, 2-164, 1-406.7, 0.5-509.3, 4-742.4, 5000-807.4, 4-837.8, 2-974.7, 2-1300	43.8	93.3
20	160	0.5-7.9, 5000-42.3, 2-173.5, 1-327.2, 2-396.1, 1-777.6, 2-907.2, 5000-999.7, 2-1060.5, 2-1300	46.8	99.6
25	183	0.5-9, 5000-45.8, 2-53.7, 5000-55, 2-184.4, 1-297.4, 2-467.4, 1-797.3, 2-1027, 5000-1167.4 2-1300	49.9	107.0
30	207	0.5-11, 5000-46.6, 2-48.3, 5000-52.2, 2-212.3, 1-262.6, 2-280.4, 5000-282.5, 2-535.3, 1-744.2 2-938.5, 5000-945.8, 2-1097, 5000-1178.5, 2-1184.9, 5000-1239.6, 2-1300	52.9	111.8
35	232	0.5-14.3, 5000-50, 2-63.2, 5000-63.5, 2-257.2, 5000-391.2, 2-397.3, 5000-417.4, 2-582.6, 1-661.2 2-972.7, 5000-1052.8, 2-1077.8, 5000-1185, 2-1239.6, 5000-1300	39.1	111.2
40	256	2*-6.1, 0.5*-24.1, 5000-57.1, 2-58.7, 5000-62.1, 2-205.3, 5000-210.8, 2-213.9, 5000-230, 2-230.9 5000-242.9, 2-249.9, 5000-497.2, 2-504.1, 5000-521.5, 2-539.1, 5000-539.4, 2-569, 1-637.9, 2-918.8 5000-1300	16.4	111.5
45	279	2*-6.1, 0.5*-24.1, 0.5-37.3, 5000-61.5, 2-64.7, 5000-68.1, 2-212.5, 5000-608.4, 1-614.7, 5000-685.2 2-826.6, 4-881.2, 5000-921.5, 4-944.5, 5000-1300	17.1	102.4
50	302	0.5-26, 5000-28.5, 0.5-34.3, 5000-45, 5000-70.7, 2-71.8, 5000-75.1, 2-132.9, 5000-134.8, 2-138.8 5000-143.2, 2-211.9, 5000-806.2, 4-907.6, 5000-976.1, 4-1033.2, 5000-1297.5, 1-1300	17.8	162.6
55	324	0.5-10.9, 5000-16.7, 0.5-18, 5000-19.6, 0.5-20.6, 5000-25.2, 0.5-26, 5000-28.5, 0.5-33.2 5000-35.2, 0.5-36.3, 5000-45, 5000-79.6, 2-124.5, 5000-146.4, 2-205.5, 5000-631.6, 2-915.4 4-1018.8, 5000-1051.2, 1-1117.9, 4-1161, 5000-1300	19.6	183.9
60	345	0.5-3.7, 5000-5.3, 0.5-9.4, 5000-19.9, 0.5-20.4, 5000-25.9, 0.5-26.1, 5000-29.9, 0.5-32.1 5000-33.2, 0.5-35.3, 5000-47.6, 0.5-50.5, 5000-60, 5000-103.5, 2-107.4, 5000-112, 2-115.3 5000-139.4, 2-184.1, 5000-187.3, 2-202.7, 5000-244.3, 2-248.8, 5000-643.3, 2-678.9, 5000-688.2 2-724.7, 5000-1300	19.9	264.3
65	365	0.5-3.2, 5000-5.5, 0.5-7.7, 5000-16.8, 0.5-17.8, 5000-25.4, 0.5-25.6, 5000-30.2, 0.5-31.9 5000-37, 0.5-39.4, 5000-50, 0.5-51.1, 5000-60, 5000-183.7, 2-229.4, 5000-239.8, 2-247.2 5000-1300	25.4	384.5
70	383	0.5-1.5, 5000-23.4, 0.5-40.1, 5000-41.2, 0.5-44.3, 5000-60.6, 0.5-67.7, 5000-80, 5000-1300	23.4	817.6
75	399	0.5-1.5, 5000-2.2, 0.5-3.6, 5000-18.1, 0.5-20.4, 5000-21.3, 0.5-53.6, 5000-65, 0.5-66.4, 5000-1300	21.3	799.7
80	414	0.5-1.5, 5000-2.2, 0.5-3.6, 5000-18.1, 0.5-20.4, 5000-21.3, 0.5-53.6, 5000-65, 5000-1300	21.3	831.0
85	428	0.5-1.5, 5000-2.2, 0.5-3.6, 5000-18.1, 0.5-20.4, 5000-21.3, 0.5-53.6, 5000-65, 5000-1300	21.3	836.5
90	439	0.5-1.5, 5000-2.2, 0.5-3.6, 5000-18.1, 0.5-20.4, 5000-21.3, 0.5-53.6, 5000-65, 5000-1300	21.4	841.1
95	449	0.5-1.5, 5000-2.2, 0.5-3.6, 5000-18.1, 0.5-20.4, 5000-21.3, 0.5-53.6, 5000-65, 5000-1300	21.6	845.0
100	458	4*-1.5, 0.5*-19.3, 0.5-22.8, 5000-1300	21.8	502.7
105	465	4*-1.5, 0.5*-19.3, 5000-1300	59.0	553.5
110	470	4*-1.5, 0.5*-19.3, 5000-1300	60.7	555.5
115	474	4*-1.5, 0.5*-19.3, 5000-1300	61.9	556.9
120	476	0.5-14.5, 5000-1300	140.4	635.4
125	477	0.5-15.1, 5000-1300	130.0	625.1
130	476	0.5-15.9, 5000-1300	116.2	611.2
135	474	0.5-15, 5000-1300	130.3	625.3
140	470	0.5-14.2, 5000-1300	143.7	638.4



Exhibit 14 - Table III-B  
(Page 2 of 3)  
**WFTU(AM) - DISTANCES TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contours	
			0.5 mV/m (km)	0.025 mV/m (km)
145	465	0.5-13.5, 5000-1300	153.6	648.2
150	458	0.5-13, 5000-1300	160.5	654.6
155	449	0.5-12.7, 5000-1300	164.6	658.3
160	439	2*-2.2, 0.5*-12.9, 5000-1300	157.0	650.2
165	428	2*-2.2, 0.5*-12.9, 5000-1300	153.0	645.5
170	414	2*-2.2, 0.5*-12.9, 5000-1300	148.2	640.1
175	399	2*-2.2, 0.5*-12.9, 5000-1300	142.6	633.8
180	383	2*-2.2, 0.5*-12.9, 5000-1300	136.2	626.7
185	365	0.5-12.6, 5000-1300	134.7	624.0
190	345	0.5-13, 5000-1300	118.6	606.2
195	324	0.5-13.6, 5000-1300	98.8	584.6
200	302	0.5-14.4, 5000-1300	75.2	559.0
205	279	0.5-15.3, 5000-1300	47.1	528.9
210	256	0.5-16.6, 5000-582.6, 4-590.3, 5000-592.6, 4-601.5, 5000-625.1, 4-698.3, 5000-709.4, 4-727.1 5000-730.5, 4-753.7, 5000-757.9, 4-785.1, 5000-1300	16.4	493.5
215	232	0.5-18.2, 5000-505.7, 2-508.7, 5000-536.2, 4-638.4, 5000-642.3, 4-650.8, 2-701.1, 4-934.9 5000-1300	15.6	451.0
220	207	1.5*-1.9, 0.5*-19.3, 0.5-20.3, 5000-324.6, 2-421, 5000-493.8, 2-506.3, 5000-515, 2-520.5, 5000-526.7 2-542.5, 4-543.8, 5000-551.5, 2-766.7, 4-818.1, 2-898.6, 4-1176.9, 8-1188.5, 5000-1192.8, 8-1287.4 4-1300	14.8	338.9
225	183	1.5*-1.9, 0.5*-19.3, 0.5-23.1, 5000-181.3, 4-244.8, 5000-245.3, 4-271.8, 5000-315.4, 4-356.5, 2-393.8 5000-404, 2-409.7, 5000-456.7, 4-486.8, 5000-491.6, 2-778.9, 4-818.4, 2-1052.6, 4-1300	13.9	214.1
230	160	1.5*-1.9, 0.5*-19.3, 0.5-27.2, 5000-159, 4-284.1, 5000-310.2, 4-388.5, 40-390.7, 4-393.5, 2-399.9 5000-403.4, 2-416, 5000-425.1, 4-432.6, 5000-436.7, 4-454.2, 5000-465.9, 4-485.4, 5000-488.7 4-490.7, 2-715.4, 4-1300	13.0	182.0
235	138	1.5*-1.9, 0.5*-19.3, 0.5-33.5, 5000-140.9, 4-289, 5000-296.2, 4-369.4, 40-370.3, 4-375.2, 40-410.8 4-463.9, 5000-475.8, 4-490.7, 2-712.5, 4-795.1, 2-1160.2, 4-1261.6, 1-1300	12.1	149.9
240	118	0.5-43, 5000-129.7, 4-284.4, 5000-290.2, 4-327.9, 40-332, 4-355.3, 40-380.5, 4-393.2, 40-393.9 4-437.2, 5000-438, 4-444.9, 2-1261.4, 4-1311.7	11.2	82.0
245	101	0.5-53, 5000-124.5, 4-372.7, 2-891.6, 4-1037.1, 2-1300	10.4	44.6
250	96	2*-8, 1.5*-14.8, 0.5-100.6, 5000-142.5, 4-390.5, 2-1163.6, 4-1300	12.4	46.3
255	93	2*-8, 1.5*-14.8, 0.5-106, 5000-106.2, 0.5-118.9, 5000-122.5, 4-394.9, 2-490.4, 4-687.3, 2-997.9 8-1070.4, 4-1300	12.2	45.6
260	87	2*-8, 1.5*-14.8, 0.5-89.7, 4-111.3, 5000-114.5, 4-115, 5000-117.9, 4-358, 2-447.7, 4-635.6 2-955.1, 8-1160.7, 4-1223.2, 8-1300	11.8	44.2
265	87	2*-8, 1.5*-14.8, 0.5-75.3, 4-83.5, 5000-86.2, 4-92.2, 5000-97.5, 4-144.5, 2-166.8, 4-263.4 2-427.3, 4-494.2, 2-534.1, 4-773.8, 8-1300	11.8	44.1
270	92	2*-8, 1.5*-14.8, 0.5-42.7, 5000-52, 0.5-57.8, 4-63.4, 5000-65.5, 4-75.5, 5000-92.1, 4-139 2-190.1, 4-226.2, 2-437.8, 4-461, 2-568.3, 4-676, 8-865.8, 15-1164.8, 8-1300	12.2	53.5
275	97	0.5-40.9, 5000-83.7, 1-86.2, 4-137.4, 2-256.2, 4-299.9, 2-615.8, 8-853.8, 15-921.9, 8-1290 15-1300	10.2	63.5
280	102	0.5-33, 5000-76.6, 1-89.9, 4-136.1, 2-215.7, 4-468.8, 2-601.7, 8-798.9, 10-862, 8-989.8 4-1063.9, 2-1167.4, 8-1300	10.4	84.4
285	107	0.5-21.8, 5000-68.8, 1-94.5, 4-137, 2-192.8, 4-629.8, 8-633.3, 4-636.1, 8-693.2, 10-777.2 20-864.1, 15-872.6, 8-1102.9, 2-1139.9, 8-1272.8, 15-1294.6, 8-1300	10.7	90.7
290	113	0.5-17.5, 5000-64.1, 1-98.9, 4-150.9, 2-175.2, 4-557.9, 8-602.6, 10-664.2, 4-717.9, 20-821.5 10-837.8, 8-845.9, 15-914.6, 8-1115.1, 2-1175.4, 8-1277.5, 15-1300	10.9	92.4
295	117	2*-4.8, 0.5*-10.4, 0.5-14.7, 5000-57.2, 1-103.7, 4-532.8, 8-561.9, 10-562.8, 20-675.8, 4-720 6-802.4, 10-840.5, 8-882.4, 15-929.6, 8-1097.3, 2-1181.1, 8-1300	11.2	90.0

Exhibit 14 - Table III-B  
(Page 3 of 3)  
**WFTU(AM) - DISTANCES TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contours	
			0.5 mV/m (km)	0.025 mV/m (km)
300	120	2*-4.8, 0.5*-10.4, 0.5-12.8, 5000-54.3, 1-106.8, 4-464.2, 8-603, 15-638.6, 6-652.1, 10-673.8 4-726.6, 6-820.7, 10-879, 8-1300	11.3	90.0
305	121	2*-4.8, 0.5*-10.4, 0.5-11.3, 5000-48.1, 1-107.7, 4-475.1, 8-545.6, 15-602.4, 6-666.7, 4-785.5 10-792.8, 4-807.4, 10-810.2, 4-836.2, 10-983.6, 8-1300	11.3	85.8
310	120	2*-4.8, 0.5*-10.4, 5000-48.2, 1-108.8, 4-431, 8-478.9, 15-548.4, 6-692, 4-694.6, 1-752.5 10-754.7, 1-758.5, 10-909.3, 4-914.8, 10-930, 4-938.7, 10-979.3, 2-1185.7, 8-1300	28.5	86.7
315	117	2*-4.8, 0.5*-10.4, 5000-46.5, 1-110, 4-417.2, 8-457.6, 15-484.2, 4-487.8, 15-492.9, 4-503.3 15-504.4, 4-611.5, 1-772.6, 2-1300	25.9	84.6
320	113	2*-4.4, 1*-8, 0.5-8.8, 5000-45.3, 1-111.7, 4-438.3, 8-451.8, 4-452.5, 8-468.4, 15-488.3 10-508.9, 4-576.5, 1-755.1, 2-1367	46.6	85.0
325	107	2*-4.4, 1*-8, 0.5-8.3, 5000-45.4, 2-49.6, 1-114.4, 4-470.1, 15-471.5, 10-503.4, 4-566.9 1-746.3, 2-1082.1, 6-1294, 2-1300	47.1	85.1
330	100	2*-4.4, 1*-8, 5000-46.3, 2-58.4, 1-120.6, 4-262.7, 2-290.8, 4-476.1, 10-513.5, 4-665.8 2-998.3, 6-1173.4, 2-1300	47.9	86.0
335	94	2*-4.4, 1*-8, 5000-40.7, 2-71.7, 1-129.3, 4-254.1, 2-300.5, 4-487.4, 10-560.6, 4-600 2-949.4, 6-1050.5, 2-1298.3, 5000-1305.7	42.3	82.3
340	89	2*-4, 0.5*-6, 0.5-7.5, 5000-40, 2-90.7, 1-140.5, 4-249.6, 2-319, 4-485.5, 10-556.1 4-583.4, 4-842.4, 2-1157.3, 2-1262.9, 5000-1300	40.9	81.6
345	82	2*-4, 0.5*-6, 0.5-7.3, 5000-39.5, 2-106, 1-158.4, 4-242.6, 2-348.8, 4-471.5, 10-538.3 4-560, 2-760.8, 2-1300	40.1	79.3
350	78	2*-4, 0.5*-6, 0.5-7.2, 5000-39.4, 2-114.5, 1-188.3, 4-234.8, 2-395.9, 4-461.7, 10-519.7 4-554.8, 2-734.9, 2-1300	39.8	78.0
355	83	2*-4, 0.5*-6, 0.5-7.2, 5000-39.5, 2-119.4, 1-232.9, 2-451.3, 4-482.3, 10-558.7, 4-597.5 2-733.9, 2-1300	40.4	79.8

Exhibit 14 - Table II-C

(Page 1 of 3)

**WLIM(AM) - DISTANCES TO CONTOURS**

WLIM(AM) DA-N U 1580 kHz Patchogue, NY Facility ID: 38333

prepared for

**Willow Farm, Inc.**

WNSH(AM) Beverly, Massachusetts

Facility ID 22798

1570 kHz 50 kW ND-D U

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contours	
			0.5 mV/m (km)	0.25 mV/m (km)
0	1002.6	0.1*-18.6, 5000-48.1, 1-50.6, 2-114.2, 1-218.6, 4-240.4, 2-467.3, 4-518.2, 6-522.8, 10-593, 4-632.4, 2-755.3, 2-1000	61.1	76.7
5	1002.6	0.1*-18.6, 5000-52.9, 2-128.4, 1-310, 2-365.6, 0.5-392.3, 2-470, 4-544.7, 6-633.1, 4-682.2, 2-799.2, 2-1000	65.8	81.4
10	1002.6	0.1*-18.6, 0.5-18.6, 5000-50.3, 2-137.7, 1-355.9, 0.5-476.5, 4-597.6, 6-664.6, 4-748.4, 2-872.5, 2-1000	63.4	79.0
15	1002.6	0.1*-18.6, 0.5-19.1, 5000-52.2, 2-151.3, 1-392.4, 0.5-518.4, 4-721.4, 5000-771.6, 4-840.4, 2-970.2, 2-1000	64.5	80.1
20	1002.6	0.5-19.8, 5000-54.7, 2-177.6, 1-601.7, 4-614.1, 1-754.8, 4-795.2, 2-902.3, 5000-991.4, 2-1000	66.9	82.5
25	1002.6	0.1*-21.9, 5000-57.9, 2-193.7, 1-339.1, 2-461.2, 1-807.5, 2-1025	66.0	81.5
30	1002.6	0.1*-21.9, 5000-60.5, 2-207.2, 1-313.4, 2-531.4, 1-792.6, 2-951.2, 5000-960, 2-1000	68.3	83.9
35	1002.6	0.1*-21.9, 0.5-23.4, 5000-63.4, 2-248.6, 1-267.7, 2-313.6, 5000-316, 2-341, 5000-352, 2-367.9, 5000-379, 2-389.6, 5000-420.1, 2-432.1, 5000-447.4, 2-616.9, 1-701.4, 2-965.6, 5000-1000	69.1	84.6
40	1002.6	0.1*-21.9, 0.5-25.3, 5000-70.2, 2-79.5, 5000-81, 2-278.3, 5000-464.5, 2-473, 5000-481.1, 2-487.1, 5000-523, 2-594.5, 1-669.8, 2-948.8, 5000-1000	72.7	89.5
45	1002.6	0.5-27.8, 5000-79, 2-91.3, 5000-91.6, 2-232.8, 5000-620.4, 1-626, 5000-634.6, 1-659.2, 5000-696.7, 2-868.2, 4-912.6, 5000-959.5, 4-974.1, 5000-1000	73.8	94.2
50	1002.6	0.5-31, 5000-91.3, 2-97.1, 5000-98.6, 2-174.5, 5000-175.4, 2-243.4, 5000-832, 4-934.3, 5000-1002.3	40.3	101.7
55	1002.6	0.5-35.5, 5000-52.3, 0.5-70.5, 5000-106.5, 2-160, 5000-171.6, 2-177.4, 5000-182.9, 2-234, 5000-663.4, 2-942.8, 4-1000	31.9	59.4
60	1002.6	0.5-54.2, 5000-125, 2-143.9, 5000-144.5, 2-150.3, 5000-171.7, 2-234.4, 5000-276.1, 2-279.7, 5000-674.4, 2-710.2, 5000-719, 2-755.8, 5000-1000	31.9	44.4
65	1002.6	0.5-35, 5000-214.6, 2-266.1, 5000-270.2, 2-278.3, 5000-1000	31.9	117.2
70	1002.6	0.1*-29.5, 0.5-36.7, 5000-52.1, 0.5-77.1, 5000-93.7, 0.5-93.9, 5000-1000	30.9	57.0
75	1002.6	0.1*-29.5, 0.5-41.4, 5000-42.9, 0.5-81.1, 5000-1000	30.9	44.6
80	1002.6	0.1*-29.5, 0.5-41.7, 5000-49, 0.5-50.6, 5000-1000	30.9	49.7
85	1002.6	0.1*-29.5, 0.5-40.8, 5000-1000	30.9	61.6
90	1002.6	0.1*-29.5, 5000-1000	43.8	157.1
95	1002.6	0.5-18.7, 5000-1000	187.9	301.2
100	1002.6	0.5-15, 5000-1000	247.3	360.6
105	1002.6	0.5-12.6, 5000-1000	290.7	404.0
110	1002.6	0.5-11, 5000-1000	322.8	436.1
115	1002.6	0.5-9.8, 5000-1000	346.8	460.1

Exhibit 14 - Table II-C

(Page 2 of 3)

**WLIM(AM) - DISTANCES TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region:* Indicates Measured Data	Distances To Contours	
			0.5 mV/m (km)	0.25 mV/m (km)
120	1002.6	0.1*-6.5, 0.5-8.9, 5000-1000	357.0	470.3
125	1002.6	0.1*-6.5, 0.5-8.2, 5000-1000	370.7	484.0
130	1002.6	0.1*-6.5, 0.5-7.7, 5000-1000	381.3	494.6
135	1002.6	0.1*-6.5, 0.5-7.2, 5000-1000	389.5	502.8
140	1002.6	0.1*-6.5, 0.5-6.9, 5000-1000	395.8	509.0
145	1002.6	0.5-6.7, 5000-1000	407.8	521.0
150	1002.6	0.5-6.5, 5000-1000	411.1	524.4
155	1002.6	0.5-6.4, 5000-1000	413.4	526.7
160	1002.6	0.1*-5.2, 0.5-6.3, 5000-1000	408.6	521.9
165	1002.6	0.1*-5.2, 0.5-6.3, 5000-1000	409.1	522.4
170	1002.6	0.1*-5.2, 0.5-6.3, 5000-1000	408.7	522.0
175	1002.6	0.1*-5.2, 0.5-6.3, 5000-1000	407.4	520.7
180	1002.6	0.1*-5.2, 0.5-6.5, 5000-1000	405.2	518.4
185	1002.6	0.5-6.6, 5000-1000	408.1	521.4
190	1002.6	0.5-6.9, 5000-1000	403.6	516.9
195	1002.6	0.5-7.2, 5000-1000	397.6	510.9
200	1002.6	0.5*-3.5, 1*-5, 1.5*-7.9, 5000-1000	415.9	529.2
205	1002.6	0.5*-3.5, 1*-5, 1.5*-7.9, 0.5-8.1, 5000-593.4, 4-653.5, 5000-709.4, 4-711.1, 5000-1000	411.5	524.8
210	1002.6	0.5*-3.5, 1*-5, 1.5*-7.9, 0.5-8.8, 5000-532.6, 4-539.8, 5000-541.7, 4-543.3, 5000-546.9, 4-586.8, 5000-587.2, 4-593, 5000-597.9, 4-598.7, 5000-611.5, 4-680.4, 5000-686, 4-725.2, 5000-729.5, 4-790.2, 5000-1000	398.9	512.2
215	1002.6	0.5*-3.5, 1*-5, 1.5*-7.9, 0.5-9.7, 5000-311.2, 2-316.9, 5000-320, 2-321.7, 5000-324, 2-455.4, 5000-516.9, 4-518.3, 5000-523.6, 4-588.8, 2-728.7, 4-935.2, 5000-1005, 4-1005.3	322.0	339.3
220	1002.6	0.5*-3.5, 1*-5, 1.5*-7.9, 0.5-10.8, 5000-152.8, 4-174.3, 5000-175.5, 4-180.8, 5000-185.8, 4-192.6, 5000-194.3, 4-212.6, 5000-216.6, 4-263.1, 5000-286, 4-309.6, 2-391.4, 5000-460.3, 2-495.7, 5000-499.2, 2-512.6, 5000-519.7, 2-740.7, 4-786.4, 2-900.3, 4-1000	178.8	204.1
225	1002.6	0.5-12, 5000-133.4, 4-247.8, 5000-282.5, 4-339.7, 2-385.8, 5000-413.4, 4-418.5, 5000-431.7, 4-459.4, 5000-463.3, 2-730.8, 4-798.5, 2-1000	154.7	174.4
230	1002.6	0.5-13.5, 5000-114.7, 4-124.5, 5000-124.9, 4-256.5, 5000-269.9, 4-353, 40-353.9, 4-359, 40-366.8, 4-372.8, 40-378, 5000-394.7, 4-401.7, 5000-407.1, 4-425.2, 5000-427.7, 4-431.3, 5000-441.4, 4-461, 2-682.4, 4-1000	135.4	155.1
235	1002.6	0.5-15.5, 5000-103.9, 4-259.2, 5000-266.4, 4-334.5, 40-371.5, 4-451.3, 5000-458.4, 4-458.9, 2-683.1, 4-752.3, 2-1000	121.7	141.3
240	1002.6	0.5-18.3, 5000-96.8, 4-251.5, 5000-259.5, 4-302.8, 40-307.5, 4-312.8, 40-354.9, 4-403, 2-1000	110.2	129.8
245	1002.6	0.5-23.7, 5000-93, 4-96.2, 5000-97.2, 4-339.8, 2-878.8, 4-1000	98.0	117.6
250	1002.6	1*-3.1, 0.1*-29.1, 0.5-46.6, 5000-47.7, 0.5-64.6, 5000-110.2, 4-357.1, 2-1000	30.9	43.4
255	1002.6	1*-3.1, 0.1*-29.1, 0.5-68.3, 5000-77.9, 0.5-88.2, 5000-98.2, 4-369.1, 2-464.7, 4-653.6, 2-967.8, 8-1000	30.9	43.4
260	1002.6	1*-3.1, 0.1*-29.1, 0.5-87.2, 5000-92.1, 4-334.1, 2-421.9, 4-609.3, 2-927.5, 8-1000	30.9	43.4

Exhibit 14 - Table II-C

(Page 3 of 3)

**WLIM(AM) - DISTANCES TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region:* Indicates Measured Data	Distances To Contours	
			0.5 mV/m (km)	0.25 mV/m (km)
265	1002.6	1*-3.1, 0.1*-29.1, 0.5-67.3, 4-81.8, 5000-84.8, 4-85.2, 5000-87.9, 4-263.1, 2-400.8, 4-472.6, 2-498.2, 4-758, 8-1000	30.9	43.4
270	1002.6	1*-3.1, 0.1*-29.1, 0.5-54.8, 4-55.3, 5000-55.5, 4-64.4, 5000-69.5, 4-72.2, 5000-79.3, 4-115.4, 2-143.2, 4-214.8, 2-399.4, 4-442.4, 2-531.8, 4-662.4, 8-845.4, 15-1000	30.9	43.4
275	1002.6	0.5-49.3, 4-55.1, 5000-57.6, 4-63.4, 5000-69, 4-111.5, 2-164.7, 4-192.3, 2-575.8, 4-595.9, 8-829, 15-895.5, 8-1000	31.9	44.4
280	1002.6	0.5-45.2, 4-55.3, 5000-66.2, 4-111.2, 2-219.7, 4-290.6, 2-578.1, 8-994.8, 4-1000	31.9	44.4
285	1002.6	0.5-41.5, 4-49.2, 5000-61.9, 4-111.3, 2-191.3, 4-629.2, 8-705.1, 10-774.7, 20-848, 8-1000	31.9	46.0
290	1002.6	0.5-35.3, 4-37.3, 5000-42.5, 4-45.6, 5000-58.6, 1-61.5, 4-112, 2-174.2, 4-547, 8-602.3, 10-656.6, 4-668, 10-693.6, 20-817.3, 15-882.9, 8-1000	31.9	63.2
295	1002.6	0.5-31.1, 4-38.7, 5000-56.1, 1-66.4, 4-115, 2-160.9, 4-521.4, 8-557.2, 10-586.8, 20-650.6, 4-707.5, 6-775.6, 10-811.4, 8-849.9, 15-916.9, 8-1000	32.4	63.2
300	1002.6	0.1*-21.1, 0.5-21.9, 5000-53.3, 1-72.5, 4-134.6, 2-147.2, 4-444.3, 8-566.1, 20-578.6, 15-624.2, 10-647.2, 4-697.7, 6-804.2, 10-848.3, 8-1000, 05	60.6	74.6
305	1002.6	0.1*-21.1, 5000-50.6, 1-78.8, 4-454, 8-561.9, 15-604.4, 6-647.4, 4-798.3, 10-908.7, 8-1000	59.0	72.4
310	1002.6	0.1*-21.1, 5000-48.6, 1-85.9, 4-444.9, 8-499.8, 15-562.1, 6-669.5, 4-731, 10-885, 4-952.8, 10-1000.5	57.3	70.6
315	1002.6	0.1*-21.1, 5000-47.6, 1-91.7, 4-417.7, 8-450.8, 15-505.6, 4-516.4, 15-522.1, 4-554.1, 6-636.7, 1-771.8, 2-1000	56.3	69.6
320	1002.6	0.5-19.3, 5000-46.3, 1-95, 4-407, 8-451.1, 15-483.4, 4-486, 15-488.4, 10-501.1, 15-503.1, 4-584, 1-752, 2-1000	57.9	71.2
325	1002.6	0.1*-22.7, 5000-44.6, 1-98.5, 4-434.3, 8-437.2, 4-441.5, 8-449.1, 4-464.4, 15-474.4, 10-500.8, 4-559.9, 1-745, 2-1000	51.8	65.1
330	1002.6	0.1*-22.7, 5000-43.9, 1-102.4, 4-462.6, 10-499.4, 4-670.2, 1-693.9, 2-1000	51.1	64.5
335	1002.6	0.1*-22.7, 5000-44.3, 1-106.7, 4-267.4, 2-286.6, 4-477.9, 10-526.3, 4-637.7, 2-962, 6-1000	51.5	64.8
340	1002.6	0.1*-22.7, 5000-44, 1-112.3, 4-257, 2-299.4, 4-490, 10-561.6, 4-591.8, 2-920.6, 6-976.3, 2-1000	51.2	64.5
345	1002.6	0.1*-18.9, 0.5-19.4, 5000-41.9, 1-122.8, 4-254.4, 2-321.2, 4-485, 10-557.7, 4-578.7, 2-784.9, 2-1000	52.8	66.2
350	1002.6	0.1*-18.9, 0.5-18.9, 5000-45.1, 1-138.3, 4-251.1, 2-357.9, 4-475.1, 10-533.3, 4-556.4, 2-749.8, 2-1000	56.3	69.6
355	1002.6	0.1*-18.9, 5000-46.4, 1-162.8, 4-246.7, 2-414.7, 4-469.1, 10-541.1, 4-582.3, 2-741.9, 2-1000	57.5	70.9



Exhibit 14 - Table II-D

(Page 1 of 3)

**WQEW(AM) - DISTANCES TO CONTOURS**

WQEW(AM) DA2 N U 1560 kHz New York, NY Facility ID: 29024

prepared for

**Willow Farm, Inc.**

WNSH(AM) Beverly, Massachusetts

Facility ID 22798

1570 kHz 50 kW ND-D U

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contours	
			0.5 mV/m (km)	0.25 mV/m (km)
0	4407.5	4-7.1, 5000-10.5, 4-252.3, 2-334.8, 4-476.2, 10-531.1, 4-565.8, 2-746.9, 2-1000	106.8	139.4
5	4481.9	4-8.2, 5000-11.5, 4-256.9, 2-422.8, 4-477.9, 10-583, 4-628.6, 2-766.4, 2-1000	107.5	140.3
10	4532.3	4-7.9, 5000-11.7, 4-66.2, 1-77.1, 4-260, 2-484.2, 4-547.9, 6-636, 4-692.7, 2-821.4 2-1000	103.3	136.1
15	4559.0	4-7.8, 5000-11.9, 4-52, 1-101.5, 4-261.1, 2-492.4, 0.5-495.1, 4-595.7, 6-690.6, 4-775 2-915.9, 2-1000	91.3	120.6
20	4562.7	4-7.7, 5000-12.2, 4-45, 1-162.1, 4-178.9, 1-381.7, 0.5-511, 4-754.7, 5000-808.4, 4-889.5, 2-1038.8	89.2	113.7
25	4543.6	4-7.7, 5000-12.7, 4-40.8, 1-437.4, 0.5-561.8, 4-571.1, 1-580.5, 4-590.9, 1-607.1, 4-662.1, 1-837, 2-984.1, 5000-1000	87.9	112.4
30	4502.2	4-7.8, 5000-13.3, 4-18.1, 5000-21.2, 4-37.6, 1-865.6, 2-1000	88.7	113.1
35	4438.7	4-7.9, 5000-9.9, 4-11.1, 5000-14, 4-15.8, 5000-28.3, 4-35.2, 1-128.9, 2-178.6, 1-383 2-568.4, 1-817.2, 2-1000	92.6	116.8
40	4353.5	4-8, 5000-8.9, 4-11.5, 5000-44.1, 1-116.2, 2-241.3, 1-362.5, 2-668.4, 1-744, 2-1000	104.4	130.1
45	4247.3	4-12, 5000-21.2, 4-23.5, 5000-56.2, 1-107.3, 2-290.2, 1-322.7, 2-362.9, 5000-529.5, 2-538.3, 5000-538.7, 2-545.4, 5000-582.9, 2-597.3, 5000-598.4, 2-612.8, 5000-615, 2-656.6, 1-724.6, 2-986.6, 5000-1000	114.3	141.3
50	4120.8	4-12.6, 5000-18.2, 4-24.2, 5000-75.8, 1-100.4, 2-321.1, 5000-322.1, 2-341.7, 5000-824.1, 2-886.8, 4-942.5, 5000-946.9, 4-1006.4	133.0	159.8
55	3975.1	4-13.4, 5000-16.7, 4-24.7, 5000-28.2, 4-37.7, 5000-42.6, 4-43.1, 5000-103.6, 2-306.4, 5000-751.9, 2-927.8, 5000-935.7, 2-965.6, 4-979, 5000-985.8, 4-1000	151.8	178.2
60	3811.3	4-14.5, 5000-15.4, 4-24.3, 5000-26.4, 4-45.1, 5000-49.2, 4-51.1, 5000-123.9, 2-147.4, 5000-147.7, 2-243, 5000-244.3, 2-311.3, 5000-745.2, 2-872.8, 5000-931, 2-945.8, 5000-1000	158.6	184.7
65	3631.2	4-24, 5000-25, 4-32.9, 0.5-49.9, 4-55.6, 5000-162.4, 2-167.3, 5000-169.3, 2-228, 5000-248.3, 2-308.4, 5000-348.6, 2-353.5, 5000-1000	172.0	197.6
70	3436.7	4-24, 5000-24.1, 4-24.2, 0.5-59.9, 5000-69.5, 0.5-81, 5000-137.5, 0.5-148.9, 5000-288.5, 2-307.5, 5000-316.5, 2-346.8, 5000-1000	76.5	144.0
75	3229.7	4-14.9, 0.5-124.4, 5000-144.7, 0.5-147.3, 5000-1000	62.7	83.1
80	3012.6	4-6.3, 0.5-118.7, 5000-121.6, 0.5-144.9, 5000-1000	56.9	76.8
85	2787.2	4-3.9, 0.5-100.7, 5000-1000	53.8	73.0
90	2555.8	4-2.9, 0.5-63.2, 5000-1000	51.2	101.2
95	2320.0	4-2.3, 0.5-47.9, 5000-1000	53.1	170.0
100	2081.5	4-1.9, 0.5-37.9, 5000-1000	106.6	223.4
105	1842.0	4-1.6, 0.5-33.1, 5000-1000	127.6	243.8
110	1603.4	4-1.5, 0.5-31.2, 5000-1000	121.8	237.4

Exhibit 14 - Table II-D

(Page 2 of 3)

**WQEW(AM) - DISTANCES TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contours	
			0.5 mV/m (km)	0.25 mV/m (km)
115	1368.5	4-1.3, 0.5-29.7, 5000-1000	110.1	224.7
120	1142.3	4-1.2, 0.5-27.9, 5000-1000	99.0	213.1
125	934.0	4-1.1, 0.5-23.8, 5000-1000	114.1	227.0
130	761.9	4-1.1, 0.5-13.2, 5000-16.1, 0.5-20.9, 5000-1000	164.2	276.0
135	657.6	4-1, 0.5-10.7, 5000-15.9, 0.5-18.7, 5000-1000	216.2	327.2
140	655.5	4-1, 0.5-9.1, 5000-15.8, 0.5-17.1, 5000-1000	276.6	387.5
145	755.0	4-0.9, 0.5-7.9, 5000-1000	346.6	458.4
150	920.5	4-0.9, 0.5-7.8, 5000-1000	379.3	492.1
155	1118.6	4-0.9, 0.5-8.7, 5000-1000	393.6	507.6
160	1329.1	4-0.9, 0.5-9.9, 5000-1000	398.0	512.6
165	1540.9	4-0.9, 0.5-11.5, 5000-1000	389.5	505.0
170	1746.9	4-0.9, 0.5-13.9, 5000-1000	364.5	480.2
175	1942.5	4-0.9, 0.5-14.3, 5000-1000	376.0	492.7
180	2124.2	4-0.9, 0.5-14.4, 5000-1000	389.5	506.2
185	2289.2	4-1, 0.5-14.6, 5000-1000	398.7	515.5
190	2434.8	4-1, 0.5-14.9, 5000-33.9, 4-72.9, 5000-77, 4-83.7, 5000-91.6, 4-98, 5000-110.1, 4-110.9, 5000-1000	96.5	205.2
195	2559.0	4-1.1, 0.5-15.4, 5000-33.2, 4-136.2, 5000-100	87.2	114.8
200	2659.5	4-1.1, 0.5-16, 5000-33.8, 4-165.2, 5000-168.9, 4-177.4, 5000-519, 4-527.4, 5000-532.6, 4-536.2, 5000-559.5, 4-562.9, 5000-563.9, 4-631.1, 5000-672, 4-704.5, 5000-1000	88.2	116.2
205	2734.3	4-1.2, 0.5-16.5, 5000-33.5, 4-202.6, 5000-237.4, 4-251.5, 2-432.3, 5000-464.1, 4-570.7, 5000-583.4, 4-639.5, 5000-643.6, 4-677.4, 5000-678, 4-746, 5000-749.2, 4-753.7, 5000-1000	88.0	116.3
210	2781.4	4-1.4, 0.5-15, 5000-34.2, 4-193.3, 5000-231.9, 4-268.6, 2-327.4, 5000-328.7, 2-338, 5000-414.6, 2-427.3, 5000-436.6, 2-438, 5000-447.3, 2-457.7, 4-464.4, 5000-472.5, 4-500.4, 2-683.5, 4-871.9, 5000-1000	91.9	120.3
215	2798.8	4-1.5, 0.5-13.8, 5000-36.1, 4-196.2, 5000-222.1, 4-285.1, 2-315.6, 5000-320.3, 2-329.7, 5000-371.7, 4-403.3, 5000-409.4, 2-434.3, 5000-437.1, 2-465.5, 5000-468.6, 2-686.4, 4-732.5, 2-829, 4-1000	95.9	124.4
220	2784.7	4-1.7, 0.5-12.9, 5000-38.6, 4-195.2, 5000-202.9, 4-297.6, 40-302.1, 4-306.4, 40-309.5, 5000-313.9, 2-325, 5000-334.4, 4-342.1, 5000-345.2, 4-362.3, 5000-368.8, 4-397.2, 5000-400.4, 2-676.8, 4-734.1, 2-945.8, 4-1000	99.7	128.2
225	2737.7	4-2, 0.5-12.2, 5000-16.3, 4-26.6, 5000-39, 4-192.5, 5000-201.2, 4-273.6, 40-274.7, 4-280.1, 40-318.9, 4-342.9, 5000-344.5, 4-363.3, 5000-365.3, 4-371.5, 5000-378.8, 4-397.2, 2-620.2, 4-1000	91.3	119.6
230	2656.5	4-2.4, 0.5-10, 5000-15.6, 4-33.6, 5000-39.2, 4-143.7, 5000-148.1, 4-176.7, 5000-189.4, 4-226.7, 40-229.6, 4-264, 40-285.6, 4-291.6, 40-293.5, 4-299.9, 40-300.5, 4-379.3, 5000-382.9, 4-386.4, 2-614.7, 4-699.3, 2-995.9, 4-1000	87.2	115.2
235	2540.4	4-3.1, 0.5-8.5, 5000-15.1, 4-219.4, 40-231.5, 4-244.3, 40-247.5, 4-253.6, 40-254.7, 4-268.5, 40-269.1, 4-277, 40-282.9, 4-314.1, 2-1000	83.3	110.9
240	2389.5	4-4.4, 0.5-7.4, 5000-14.7, 4-260.8, 2-769.2, 4-941.3, 2-1000	83.8	110.9

Exhibit 14 - Table II-D

(Page 3 of 3)

**WQEW(AM) - DISTANCES TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contours	
			0.5 mV/m (km)	0.25 mV/m (km)
245	2204.7	4-6.6, 5000-14.4, 4-276.9, 2-1000	84.2	110.5
250	1987.7	4-5.9, 5000-14.3, 4-303.7, 2-418.3, 4-505.3, 2-1000	81.1	106.5
255	1741.8	4-5.3, 5000-13.7, 4-272, 2-364.5, 4-586.6, 2-879.7, 8-957.7, 4-1000	76.8	101.0
260	1472.3	4-4.9, 5000-12.2, 4-248.3, 2-337.4, 4-530.9, 2-840.7, 8-1000	70.8	93.6
265	1187.7	4-4.5, 5000-11, 4-183.6, 2-321.8, 4-391.4, 2-422.1, 4-669.7, 8-1000	64.1	85.2
270	1091.4	4-4.3, 5000-10.1, 4-148.8, 2-319.3, 4-367.5, 2-451.1, 4-587.6, 8-767.8, 15-1000	61.4	81.7
275	1093.0	4-4.1, 5000-6.8, 4-7.1, 5000-9.5, 4-44.1, 2-58.4, 4-131.3, 2-488.5, 4-527.6, 8-752.9 15-820.1, 8-928.2, 15-965.6, 8-1000	57.1	77.2
280	1107.7	4-3.9, 5000-6.5, 4-7, 5000-8.9, 4-39.8, 2-75.5, 4-119.9, 2-506.1, 8-767.4, 15-808.2 8-976.9, 2-1000	56.1	72.3
285	1090.9	4-3.8, 5000-6.3, 4-7.2, 5000-8.5, 4-37.7, 2-91.8, 4-110.6, 2-156.7, 4-215, 2-279.9 4-333.7, 2-498.9, 8-548.9, 4-574, 8-661.1, 10-724.6, 20-782.8, 8-865.7, 4-922.4, 2-1000	54.9	71.0
290	1078.9	4-3.7, 5000-6.1, 4-7.4, 5000-8.2, 4-37.2, 2-139.8, 4-529.9, 8-572.9, 10-667.9, 20-744.4 15-797.6, 8-1000	54.2	70.2
295	1276.5	4-3.7, 5000-6, 4-7.6, 5000-8, 4-37.2, 2-127, 4-472.2, 8-516.5, 10-573.3, 4-633 20-723.6, 10-746, 8-767.1, 15-840.1, 8-1000	57.3	74.5
300	1616.5	4-3.7, 5000-5.9, 4-38.3, 2-118.3, 4-454.4, 8-486.1, 10-507.8, 20-591.6, 4-635.6, 6-722.8, 10-763.3, 8-1000	62.7	81.6
305	1956.4	4-3.7, 5000-5.9, 4-39.8, 2-112.2, 4-391.4, 8-507.7, 20-514.5, 15-562, 10-592.7, 4-644 6-745, 10-807.8, 8-1000	67.7	88.1
310	2287.4	4-3.7, 5000-6, 4-41.7, 2-107.5, 4-390.3, 8-507.2, 15-547.2, 6-590.2, 4-714.8, 10-720.5 4-737.6, 10-740, 4-765.1, 10-965.3, 8-998.9, 2-1000	72.3	94.0
315	2603.7	4-3.8, 5000-6, 4-44.2, 2-103.8, 4-408.4, 8-463.4, 15-514.5, 6-618.5, 4-659.3, 10-663.7 4-665.1, 10-668.5, 4-674.2, 10-847.1, 4-850.7, 10-870.2, 2-876.6, 10-889.6, 2-1000	76.5	99.3
320	2901.3	4-3.9, 5000-6.2, 4-47, 2-101.1, 4-379, 8-424.5, 15-485.5, 6-594, 1-722.2, 2-1000	80.3	104.6
325	3177.2	4-4, 5000-6.3, 4-50.5, 2-98.6, 4-374.2, 8-401.1, 15-436, 4-549.5, 1-710.8, 2-1000	83.9	110.3
330	3429.6	4-4.2, 5000-6.6, 4-55, 2-92.5, 4-371.5, 8-418.5, 15-450.3, 10-465.3, 4-531.2, 1-710.5 2-1000	87.3	116.5
335	3657.0	4-4.4, 5000-6.9, 4-65.4, 2-71.1, 4-430.4, 15-442.3, 10-469.3, 4-533.3, 1-585.5, 4-637.2 1-676.5, 2-970.3, 6-1000	96.6	127.5
340	3858.8	4-4.7, 5000-7.3, 4-442.3, 10-481.1, 4-629.3, 2-934.9, 6-1000	100.4	131.8
345	4034.5	4-5.1, 5000-7.8, 4-464.2, 10-539.8, 4-581.9, 2-899.1, 2-922.5, 6-926.2, 2-1000	102.4	134.2
350	4184.3	4-5.6, 5000-8.5, 4-261.2, 2-269.9, 4-482, 10-549.5, 4-576.5, 4-777.5, 2-1000	104.1	136.2
355	4308.5	4-6.2, 5000-9.4, 4-249.7, 2-293.3, 4-478.1, 10-544.9, 4-563.9, 2-749.8, 2-1000	105.5	137.9

Exhibit 14 - Table II-E

(Page 1 of 3)

**WNTN(AM) - DISTANCES TO CONTOURS**

WNTN(AM) ND U 1550 kHz Newton, MA Facility ID: 48781

prepared for

**Willow Farm, Inc.**

WNSH(AM) Beverly, Massachusetts

Facility ID 22798

1570 kHz 50 kW ND-D U

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contour 5.0 mV/m (km)
0	1017.8	2-29.2, 1-138.6, 2-167.1, 1-240.7, 0.5-324.2, 4-493.8, 5000-494.3, 4-564.1, 2-666.2, 2-1000	14.2
5	1017.8	2-32.1, 1-112.8, 2-205, 1-316, 0.5-323.6, 4-515.6, 5000-547.2, 4-615.3, 2-718.7, 2-1000	14.2
10	1017.8	2-36, 1-93.1, 2-232.2, 1-393.6, 4-430.6, 1-444.8, 4-591.2, 5000-649.1, 4-654.3, 2-779.8, 2-1000	14.2
15	1017.8	2-258.1, 1-588.3, 2-693.4, 5000-775.1, 2-846.9, 2-1000	14.2
20	1017.8	2-83.9, 5000-98.3, 2-284, 1-585.2, 2-772.7, 5000-830.4, 2-844.4, 5000-914.8, 2-1000	14.2
25	1017.8	2-89.6, 5000-91.9, 2-314.8, 1-594.3, 2-850.5, 5000-985.9, 2-1000	14.2
30	1017.8	2-69.9, 5000-138.1, 2-142.6, 5000-155.1, 2-165, 5000-191.8, 2-373.6, 1-529.5, 2-740.8, 5000-753.9, 2-901.6, 5000-981.1, 2-991.6, 5000-1000	14.2
35	1017.8	2-58, 5000-193.2, 2-199.6, 5000-221.2, 2-386.3, 1-463.2, 2-746.2, 5000-815.2, 2-892.3, 5000-899, 2-899.6, 5000-980.6, 2-1000	14.2
40	1017.8	2-54.3, 5000-240, 2-268.9, 5000-308.7, 2-367.5, 1-456.4, 2-707.3, 5000-1000	14.2
45	1017.8	2-51.6, 5000-301.1, 2-301.7, 5000-343.1, 2-376.9, 1-450.2, 2-700.6, 5000-753.2, 4-758.4, 5000-1000	14.2
50	1017.8	2-51.1, 5000-407.4, 1-439.4, 5000-490.9, 2-616.3, 4-701.8, 5000-735, 4-765, 5000-1000	14.2
55	1017.8	2-33.6, 5000-36.3, 2-55, 5000-610.3, 4-718.8, 5000-780.3, 4-859.2, 5000-971.7, 1-1000	14.2
60	1017.8	2-34.6, 5000-51.5, 2-52.1, 5000-465.9, 2-645.1, 5000-645.8, 2-703.8, 4-832.9, 5000-867.3, 1-931.7, 4-975.3, 5000-981.5, 4-985.1, 5000-1000	14.2
65	1017.8	2-35.8, 5000-447.8, 2-607.9, 5000-623.6, 2-624.8, 5000-638.4, 2-664.4, 5000-672, 2-729.1, 5000-733.5, 2-750.4, 5000-766.5, 2-795.8, 5000-803, 2-826.1 5000-856.1, 4-884, 5000-1000	14.2
70	1017.8	2-24.3, 5000-467.7, 2-505.5, 5000-512.3, 2-541.1, 5000-1000	14.2
75	1017.8	2-20.8, 5000-1000	14.2
80	1017.8	2-21.1, 5000-1000	14.2
85	1017.8	2-21.7, 5000-1000	14.2
90	1017.8	2-20.7, 5000-1000	14.2
95	1017.8	2-16.5, 5000-1000	14.2
100	1017.8	2-16.3, 5000-1000	14.2
105	1017.8	2-16.4, 5000-1000	14.2
110	1017.8	2-18.5, 5000-31.9, 2-42.1, 5000-88.7, 2-102.3, 5000-1000	14.2
115	1017.8	2-21.4, 5000-28.5, 2-46.9, 5000-105.3, 2-114.9, 5000-1000	14.2

Exhibit 14 - Table II-E

(Page 2 of 3)

**WNTN(AM) - DISTANCES TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contour 25 mV/m (km)
120	1017.8	2-25.6, 5000-26, 2-53.4, 5000-117.3, 2-124.5, 5000-1000	14.2
125	1017.8	2-59.7, 5000-113.8, 2-130.2, 5000-1000	14.2
130	1017.8	2-60.6, 5000-73.9, 2-75.7, 5000-107.6, 2-121.4, 5000-1000	14.2
135	1017.8	2-82.1, 5000-93.9, 2-113.3, 5000-1000	14.2
140	1017.8	2-105.7, 5000-1000	14.2
145	1017.8	2-83.6, 5000-87.8, 2-107.1, 5000-1000	14.2
150	1017.8	2-85.2, 5000-98.1, 2-104.3, 5000-1000	14.2
155	1017.8	2-89, 5000-1000	14.2
160	1017.8	2-87.5, 5000-1000	14.2
165	1017.8	2-95.3, 5000-1000	14.2
170	1017.8	2-86.7, 5000-1000	14.2
175	1017.8	2-96.1, 5000-1000	14.2
180	1017.8	2-73.4, 5000-1000	14.2
185	1017.8	2-70.5, 5000-1000	14.2
190	1017.8	2-62.3, 5000-64.8, 2-75.9, 5000-83.3, 2-86.6, 5000-90.5, 2-106.2, 5000-1000	14.2
195	1017.8	2-113.4, 5000-1000	14.2
200	1017.8	2-119.8, 5000-1000	14.2
205	1017.8	2-126.5, 5000-164.9, 0.5-169.9, 5000-1000	14.2
210	1017.8	2-132.1, 5000-167.3, 0.5-169, 5000-172.3, 0.5-188.2, 5000-815.7, 4-875.2, 5000-876.9, 4-884.3, 5000-927.1, 4-930.3, 5000-933, 4-949, 5000-1000	14.2
215	1017.8	2-136.7, 5000-139.9, 2-142.2, 5000-166.5, 0.5-185.2, 5000-195.7, 0.5-210.1, 5000-734.2, 4-840.5, 5000-854.7, 4-909.1, 5000-912.5, 4-1000	14.2
220	1017.8	2-145.7, 5000-147.5, 2-154.9, 5000-199.5, 0.5-233.9, 5000-405.7, 4-406.4, 5000-462.3, 4-468.7, 5000-475.7, 4-487.5, 5000-516.3, 4-526.6, 2-630.1, 5000-692.2, 2-704.2, 5000-712.4, 2-722, 5000-725.4, 2-741, 5000-749.5, 2-964.8, 4-1000	14.2
225	1017.8	2-169.5, 5000-216.4, 0.5-263.4, 5000-331.7, 4-479.2, 5000-505.6, 4-575.8, 2-610.7, 5000-633.6, 4-642.9, 5000-655.6, 4-684.2, 5000-686.5, 2-952.2, 4-1000	14.2
230	1017.8	2-190.8, 1-194.8, 5000-243.8, 4-264.3, 5000-264.9, 4-269.5, 0.5-288.5, 5000-289.5, 0.5-301.2, 5000-323.2, 4-478.6, 5000-488.6, 4-553.5, 40-598.8, 4-656.1, 5000-659, 4-682.8, 2-902.1, 4-1000	14.2
235	1017.8	2-179.8, 1-251.8, 4-570.7, 40-570.9, 4-571.4, 2-1000	14.2
240	1017.8	2-171, 1-244, 4-295.4, 2-337, 4-571.7, 2-1000	14.2
245	1017.8	2-163.6, 1-226.8, 4-277.5, 2-350.7, 4-417.9, 2-429.5, 4-526.2, 2-653.9, 4-795.5, 2-1000	14.2
250	1017.8	2-149.7, 1-196.5, 4-285.7, 2-582.5, 4-814, 2-1000	14.2
255	1017.8	2-112, 1-179.8, 4-447.4, 2-579.7, 4-605.3, 2-689.8, 4-962.8, 2-1000	14.2
260	1017.8	2-95.6, 1-168.2, 4-525.7, 2-718, 4-791.4, 8-1000	14.2
265	1017.8	2-85.3, 1-159.9, 4-622.6, 2-718.4, 8-975.9, 15-1000	14.2
270	1017.8	2-68.2, 1-155.5, 4-761.5, 8-887.2, 10-958.7, 8-1000	14.2

Exhibit 14 - Table II-E

(Page 3 of 3)

**WNTN(AM) - DISTANCES TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contour 25 mV/m (km)
275	1017.8	2-46.6, 1-152.5, 4-623.2, 8-677.3, 10-749.8, 4-768.2, 10-843.6, 20-951, 15-961.7, 8-1000	14.2
280	1017.8	2-38.1, 1-150.7, 4-522.6, 8-643.9, 20-740.9, 4-797.1, 6-869.9, 20-875.3, 10-905.5, 8-924.4, 15-987.8, 8-1000	14.2
285	1017.8	2-34.3, 1-150, 4-466.3, 8-619.7, 15-673.1, 6-674.4, 15-675.2, 6-703.7, 10-721.3, 4-767.4, 6-866.2, 10-904.3, 8-949.1, 15-972.2, 8-1000	14.2
290	1017.8	2-31.4, 1-150.5, 4-220.1, 2-276.7, 4-427.7, 8-470.7, 15-586, 6-699.8, 4-848.3, 10-927.3, 8-1000	14.2
295	1017.8	2-29.2, 1-152.1, 4-171, 2-267.6, 4-434.2, 8-462.8, 15-493.4, 4-494.5, 15-497.6, 10-510.3, 15-511.5, 4-594.6, 6-696.7, 1-744.9, 10-865.1, 4-871.7, 10-1000	14.2
300	1017.8	2-27.7, 1-154.4, 2-263.9, 4-451.3, 15-456.6, 10-490.1, 4-572.1, 1-777.4, 2-839.1, 10-885.3, 2-886.1, 10-892.2, 2-896.7, 10-897.2, 2-918.8, 10-924.8, 2-931, 10-936, 2-1000	14.2
305	1017.8	2-26.5, 1-157.9, 2-265, 4-436.1, 10-468.7, 4-535.1, 1-736.4, 2-1000	14.2
310	1017.8	2-25.6, 1-162.8, 2-268.7, 4-428.8, 10-472.2, 4-623.5, 1-711.7, 2-1000	14.2
315	1017.8	2-25, 1-169.4, 2-277.4, 4-419.5, 10-492.3, 4-591, 2-1000	14.2
320	1017.8	2-24.5, 1-177.4, 2-288.5, 4-389.9, 10-477.8, 4-507.9, 2-931.9, 6-1000	14.2
325	1017.8	2-24.3, 1-187, 2-300.4, 4-362.8, 10-446.2, 4-472.8, 2-862.1, 6-985.1, 2-1000	14.2
330	1017.8	2-24.3, 1-201.7, 2-204.4, 0.5-213.7, 2-315.9, 4-341.6, 10-407.7, 4-438.3, 2-687, 2-998.2, 2-1000	14.2
335	1017.8	2-24.4, 1-194.3, 0.5-245.3, 2-325.8, 4-357.6, 10-414.7, 4-447.5, 2-628.8, 2-1000	14.2
340	1017.8	2-24.7, 1-196.4, 0.5-272.3, 2-314.2, 4-373, 6-385.3, 10-435.5, 4-465.9, 2-603.7, 2-1000	14.2
345	1017.8	2-25.2, 1-201.8, 0.5-305.7, 4-377.9, 6-443.2., 10-445, 4-484.3, 2-596.3, 2-1000	14.2
350	1017.8	2-26, 1-209.2, 0.5-300.1, 4-386.8, 6-462.9, 4-504, 2-604.2, 2-1000	14.2
355	1017.8	2-27, 1-220.1, 0.5-296.9, 4-410.6, 6-480.5, 4-528.1, 2-629, 2-1000	14.2

Exhibit 14 - Table II-F

(Page 1 of 4)

**WSMN(AM) - DISTANCES TO CONTOURS**

WSMN(AM) DA1 U 1590 kHz Nashua, NH Facility ID: 102

prepared for

**Willow Farm, Inc.**

WNSH(AM) Beverly, Massachusetts

Facility ID 22798

1570 kHz 50 kW ND-D U

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contour 5.0 mV/m (km)
0	948.4	4.0E-106.0 2.0E-147.1 4.0E-555.8 10.0E-627.8 4.0E-648.8 2.0E-831.2 102.0E-1000.0	11.1
5	1029.9	4.0E-99.5 2.0E-154.4 4.0E-560.4 10.0E-620.7 4.0E-640.9 2.0E-831.2 102.0E-1000.0	11.5
10	1105.7	4.0E-95.4 2.0E-163.8 4.0E-335.4 2.0E-389.8 4.0E-567.4 10.0E-644.1 4.0E-704.7 2.0E-860.7 102.0E-1000.0	11.9
15	1175.0	4.0E-92.7 2.0E-167.4 4.0E-347.2 2.0E-579.3 4.0E-637.6 6.0E-732.8 4.0E-796.8 2.0E-940.8 102.0E-1000.0	12.3
20	1236.9	4.0E-92.5 2.0E-161.1 4.0E-360.7 2.0E-598.0 4.0E-705.9 6.0E-788.1 4.0E-924.7 2.0E-1000.0	12.6
25	1290.8	4.0E-94.6 2.0E-149.6 4.0E-369.8 2.0E-445.5 1.0E-487.0 0.5E-623.4 4.0E-991.4 2.0E-1000.0	12.9
30	1336.4	4.0E-103.4 2.0E-112.2 4.0E-303.6 1.0E-577.3 0.5E-622.4 1.0E-953.2 2.0E-1000.0	13.1
35	1373.2	4.0E-176.0 1.0E-520.4 2.0E-643.8 1.0E-956.1 2.0E-1000.0	13.2
40	1401.2	4.0E-163.2 1.0E-252.6 2.0E-303.7 1.0E-490.8 2.0E-791.8 1.0E-865.5 2.0E-1000.0	13.4
45	1420.2	4.0E-82.9 5000.0E-84.1 4.0E-108.7 5000.0E-117.5 4.0E-118.6 5000.0E-128.1 4.0E-128.3 5000.0E-132.9 4.0E-139.9 5000.0E-148.0 4.0E-156.0 1.0E-232.5 2.0E-402.9 1.0E-448.3 2.0E-487.3 5000.0E-649.0 2.0E-657.2 5000.0E-662.0 2.0E-668.8 5000.0E-705.4 2.0E-718.1 5000.0E-721.4 2.0E-721.9 5000.0E-727.1 2.0E-731.5 5000.0E-735.1 2.0E-779.8 1.0E-856.0 2.0E-1000.0	13.5
50	1430.1	4.0E-83.3 5000.0E-108.0 0.5E-133.2 4.0E-145.5 5000.0E-147.1 4.0E-165.8 5000.0E-226.8 2.0E-428.3 5000.0E-1000.0	13.5
55	1431.0	4.0E-91.7 5000.0E-121.3 0.5E-179.5 5000.0E-189.2 0.5E-194.3 5000.0E-255.1 2.0E-266.1 5000.0E-268.2 2.0E-364.7 5000.0E-365.2 2.0E-432.0 5000.0E-855.4 2.0E-1000.0	13.5
60	1422.9	4.0E-97.6 5000.0E-155.6 0.5E-227.3 5000.0E-232.6 0.5E-253.2 5000.0E-312.8 2.0E-342.3 5000.0E-363.1 2.0E-406.5 5000.0E-408.4 2.0E-425.2 5000.0E-466.8 2.0E-471.7 5000.0E-879.2 2.0E-892.9 5000.0E-1000.0	13.5
65	1405.7	4.0E-94.0 5000.0E-226.5 0.5E-229.9 5000.0E-1000.0	13.4
70	1379.5	4.0E-89.4 5000.0E-1000.0	13.3
75	1344.4	4.0E-85.4 5000.0E-1000.0	13.1
80	1300.6	4.0E-82.4 5000.0E-1000.0	12.9
85	1248.3	4.0E-77.6 5000.0E-1000.0	12.6
90	1188.0	4.0E-76.5 5000.0E-1000.0	12.3
95	1120.1	4.0E-75.6 5000.0E-1000.0	12.0



Exhibit 14 - Table II-F

(Page 2 of 4)

**WSMN(AM) - DISTANCES TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contour 25 mV/m (km)
100	1045.5	4.0E-75.8 5000.0E-1000.0	11.6
105	965.1	4.0E-74.5 5000.0E-1000.0	11.2
110	880.1	4.0E-77.0 5000.0E-1000.0	10.7
115	791.8	4.0E-77.2 5000.0E-1000.0	10.1
120	701.7	4.0E-75.1 5000.0E-1000.0	9.5
125	612.6	4.0E-73.4 5000.0E-1000.0	8.9
130	532.9	4.0E-78.4 5000.0E-1000.0	8.3
135	451.1	4.0E-72.8 5000.0E-1000.0	7.7
140	361.3	4.0E-76.3 5000.0E-1000.0	6.9
145	283.6	4.0E-80.5 5000.0E-1000.0	6.1
150	217.2	4.0E-82.4 5000.0E-1000.0	5.3
155	159.4	4.0E-80.7 5000.0E-85.3 4.0E-86.8 5000.0E-1000.0	4.5
160	110.8	4.0E-90.8 5000.0E-1000.0	3.8
165	72.0	4.0E-99.3 5000.0E-1000.0	3.0
170	43.5	4.0E-105.1 5000.0E-1000.0	2.2
175	26.7	4.0E-90.9 5000.0E-95.3 4.0E-116.4 5000.0E-1000.0	1.7
180	22.1	4.0E-87.7 5000.0E-1000.0	1.5
185	23.3	4.0E-86.4 5000.0E-131.0 4.0E-147.2 2.0E-193.0 5000.0E-1000.0	1.5
190	24.0	4.0E-86.5 5000.0E-124.0 4.0E-151.4 2.0E-235.6 5000.0E-432.4 4.0E-437.9 5000.0E-455.4 4.0E-501.4 5000.0E-1000.0	1.6
195	23.1	4.0E-81.9 5000.0E-110.7 4.0E-157.0 2.0E-231.7 5000.0E-236.2 2.0E-239.1 5000.0E-252.3 2.0E-260.5 5000.0E-260.7 2.0E-301.2 5000.0E-318.2 2.0E-329.1 5000.0E-351.7 4.0E-437.8 5000.0E-438.9 4.0E-443.8 5000.0E-464.9 4.0E-524.6 5000.0E-535.8 4.0E-545.4 5000.0E-547.2 4.0E-549.6 5000.0E-555.3 4.0E-559.6 5000.0E-573.9 4.0E-598.3 5000.0E-1000.0	1.5
200	22.1	4.0E-79.9 5000.0E-106.4 4.0E-162.3 2.0E-216.3 5000.0E-221.0 2.0E-226.2 5000.0E-338.1 4.0E-350.8 5000.0E-364.3 4.0E-455.6 5000.0E-460.3 4.0E-528.0 5000.0E-532.5 4.0E-635.5 5000.0E-638.8 4.0E-642.9 5000.0E-1000.0	1.5
205	23.1	4.0E-76.9 5000.0E-87.5 4.0E-168.9 2.0E-207.8 5000.0E-263.1 4.0E-263.6 5000.0E-273.0 4.0E-278.9 5000.0E-284.8 4.0E-286.9 5000.0E-292.4 2.0E-329.4 5000.0E-332.2 2.0E-343.0 5000.0E-354.1 2.0E-567.1 4.0E-740.1 5000.0E-1000.0	1.5
210	26.8	4.0E-74.7 5000.0E-82.1 4.0E-177.5 2.0E-208.4 5000.0E-236.0 4.0E-242.6 5000.0E-255.2 4.0E-282.4 5000.0E-287.5 2.0E-314.9 5000.0E-317.4 2.0E-348.5 5000.0E-350.6 2.0E-568.2 4.0E-620.8 2.0E-674.4 4.0E-912.8 5000.0E-921.2 4.0E-925.9 5000.0E-1000.0	1.7
215	32.1	4.0E-73.2 5000.0E-80.5 4.0E-171.0 4.0E-172.7 4.0E-176.8 4.0E-183.4 4.0E-188.2 4.0E-191.6 5000.0E-200.4 2.0E-203.8 5000.0E-213.9 4.0E-221.7 5000.0E-225.3 4.0E-242.1 5000.0E-248.9 4.0E-278.0 5000.0E-280.9 2.0E-569.7 4.0E-608.5 2.0E-765.1 4.0E-1000.0	1.9

Exhibit 14 - Table II-F

(Page 3 of 4)

**WSMN(AM) - DISTANCES TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contour 25 mV/m (km)
220	39.1	4.0E-70.1 5000.0E-79.6 4.0E-153.8 40.0E-167.7 4.0E-174.8 40.0E-178.1 4.0E-182.5 40.0E-204.4 5000.0E-205.9 4.0E-220.2 5000.0E-223.9 4.0E-247.7 5000.0E-258.4 4.0E-277.0 2.0E-521.5 4.0E-658.9 2.0E-880.1 4.0E-995.7 2.0E-1000.0	2.1
225	48.2	4.0E-63.7 5000.0E-69.9 4.0E-136.1 40.0E-190.5 4.0E-248.4 5000.0E-251.5 4.0E-274.5 2.0E-493.8 4.0E-1000.0	2.4
230	54.4	4.0E-62.6 5000.0E-68.6 4.0E-143.8 40.0E-163.1 4.0E-165.4 40.0E-166.3 4.0E-169.6 40.0E-171.6 4.0E-177.2 40.0E-178.3 4.0E-257.9 5000.0E-261.7 4.0E-264.9 2.0E-492.9 4.0E-576.4 2.0E-883.1 4.0E-1000.0	2.5
235	55.0	4.0E-18.2 5000.0E-20.8 4.0E-51.1 5000.0E-60.0 4.0E-105.6 40.0E-117.0 4.0E-121.1 40.0E-159.0 4.0E-171.4 40.0E-171.9 4.0E-214.9 5000.0E-216.7 4.0E-228.1 2.0E-1000.0	2.6
240	49.8	4.0E-22.7 5000.0E-34.6 4.0E-42.8 5000.0E-49.2 4.0E-97.9 40.0E-112.1 4.0E-125.2 40.0E-128.2 4.0E-133.5 40.0E-135.7 4.0E-148.1 40.0E-148.6 4.0E-157.5 40.0E-162.3 4.0E-181.6 2.0E-655.1 4.0E-776.6 2.0E-997.8 4.0E-1000.0	2.4
245	40.9	4.0E-30.6 5000.0E-36.2 4.0E-154.7 2.0E-728.0 4.0E-811.9 2.0E-1000.0	2.2
250	33.3	4.0E-143.3 2.0E-944.4 4.0E-1000.0	1.9
255	27.8	4.0E-152.9 2.0E-792.9 8.0E-869.7 4.0E-1000.0	1.7
260	23.6	4.0E-189.6 2.0E-293.6 4.0E-479.7 2.0E-764.1 8.0E-904.6 4.0E-1000.0	1.5
265	22.1	4.0E-191.4 2.0E-267.2 4.0E-444.0 2.0E-733.6 8.0E-1000.0	1.5
270	22.9	4.0E-178.4 2.0E-251.6 4.0E-599.3 8.0E-1000.0	1.5
275	23.9	4.0E-168.5 2.0E-241.9 4.0E-536.5 8.0E-703.4 15.0E-972.2 8.0E-1000.0	1.6
280	23.5	4.0E-161.7 2.0E-235.8 4.0E-298.6 2.0E-354.4 4.0E-491.3 8.0E-674.5 15.0E-745.5 8.0E-839.7 15.0E-886.9 8.0E-1000.0	1.5
285	22.2	4.0E-155.6 2.0E-236.4 4.0E-289.3 2.0E-395.4 4.0E-455.7 8.0E-673.8 15.0E-744.3 8.0E-908.2 2.0E-1010.6	1.5
290	24.9	4.0E-147.0 2.0E-246.8 4.0E-278.8 2.0E-441.8 8.0E-641.9 10.0E-710.9 8.0E-808.6 4.0E-872.3 2.0E-980.8 8.0E-1000.0	1.6
295	39.1	4.0E-137.2 2.0E-443.1 8.0E-593.5 10.0E-649.1 20.0E-713.5 15.0E-719.0 8.0E-962.6 2.0E-1000.0	2.1
300	65.4	4.0E-121.6 2.0E-429.5 4.0E-495.5 8.0E-537.6 10.0E-616.0 20.0E-701.9 15.0E-774.5 8.0E-974.3 2.0E-1000.0	2.8
305	102.2	4.0E-112.4 2.0E-289.7 4.0E-456.0 8.0E-495.7 10.0E-519.1 4.0E-522.3 10.0E-541.1 4.0E-593.6 20.0E-660.9 6.0E-676.1 10.0E-709.5 8.0E-745.3 15.0E-814.3 8.0E-1000.0	3.6
310	148.9	4.0E-107.1 2.0E-235.6 4.0E-437.6 8.0E-472.3 10.0E-511.4 20.0E-559.3 4.0E-608.6 6.0E-703.9 10.0E-752.5 8.0E-1000.0	4.4
315	204.9	4.0E-103.1 2.0E-210.6 4.0E-432.1 8.0E-458.8 10.0E-466.2 20.0E-519.6 15.0E-545.0 20.0E-547.0 10.0E-565.9 4.0E-625.0 6.0E-725.3 10.0E-818.1 8.0E-1000.0	5.2

Exhibit 14 - Table II-F

(Page 4 of 4)

**WSMN(AM) - DISTANCES TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contour 25 mV/m (km)
320	269.7	4.0E-100.7 2.0E-164.8 4.0E-418.1 8.0E-515.5 15.0E-543.5 6.0E-584.7 4.0E-707.2 10.0E-737.6 4.0E-741.9 10.0E-767.5 4.0E-769.9 10.0E-772.8 4.0E-786.4 10.0E-830.1 4.0E-897.2 10.0E-935.9 2.0E-1000.0	5.9
325	342.2	4.0E-99.6 2.0E-142.1 4.0E-379.7 8.0E-496.0 15.0E-535.1 6.0E-621.3 4.0E-659.2 10.0E-828.7 2.0E-832.9 10.0E-834.8 2.0E-1000.0	6.7
330	421.3	4.0E-99.4 2.0E-137.0 4.0E-415.0 8.0E-468.3 15.0E-515.3 6.0E-616.2 1.0E-734.9 2.0E-1000.0	7.4
335	505.7	4.0E-100.5 2.0E-135.6 4.0E-409.4 8.0E-446.0 15.0E-499.4 4.0E-581.1 1.0E-736.7 2.0E-1000.0	8.1
340	593.7	4.0E-102.8 2.0E-135.2 4.0E-402.0 8.0E-429.7 15.0E-466.7 4.0E-470.3 15.0E-473.9 4.0E-475.9 15.0E-476.5 4.0E-481.3 15.0E-483.4 10.0E-483.6 15.0E-485.8 10.0E-486.6 15.0E-488.5 4.0E-570.1 1.0E-749.9 2.0E-1000.0	8.8
345	683.7	4.0E-106.1 2.0E-135.8 4.0E-408.1 8.0E-464.1 15.0E-488.0 10.0E-511.4 4.0E-572.9 1.0E-630.9 4.0E-690.6 2.0E-691.3 1.0E-700.0 2.0E-988.8 6.0E-1000.0	9.4
350	773.9	4.0E-110.3 2.0E-137.5 4.0E-490.9 15.0E-492.5 10.0E-527.6 4.0E-675.2 2.0E-964.7 6.0E-1004.5	10.0
355	862.6	4.0E-111.6 2.0E-141.3 4.0E-521.8 10.0E-610.8 4.0E-645.7 2.0E-859.9 102.0E-1000.0	10.6

Exhibit 14 - Table II-G

(Page 1 of 3)

**WUNR(AM) - DISTANCES TO CONTOURS**

WUNR(AM) DA1 U 1600 kHz Brookline, MA Facility ID: 10118

prepared for

**Willow Farm, Inc.**

WNSH(AM) Beverly, Massachusetts

Facility ID 22798

1570 kHz 50 kW ND-D U

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contour 5.0 mV/m (km)
0	1212.3	2-41.1, 1-135, 2-189.4, 1-253.9, 0.5-330.5, 4-502.5, 5000-506.4, 4-575.5, 2-676.9, 2-1000	7.1
5	1254.4	2-47.1, 1-108.7, 2-219.2, 1-348.7, 4-526.9, 5000-566.4, 4-626.3, 2-730.2, 2-1000	7.3
10	1288.6	2-245.9, 1-463.4, 4-608.2, 5000-665.5, 2-791.5, 2-1000	7.4
15	1315.0	2-89.8, 5000-96.3, 2-271.4, 1-594.9, 2-705.9, 5000-785.2, 2-857.5, 2-1000	7.4
20	1334.5	2-95.1, 5000-97.6, 2-296.9, 1-596.1, 2-785.2, 5000-928.4, 2-1000	7.5
25	1347.7	2-63.8, 5000-65.8, 2-71.1, 5000-97.4, 2-117.1, 5000-132, 2-328.8, 1-596.1, 2-862.5, 5000-995.2, 2-1000	7.5
30	1355.8	2-60, 5000-202.9, 2-214.4, 5000-219.6, 2-389.7, 1-522.5, 2-745.2, 5000-773.2, 2-909, 5000-985.8, 2-1004.7	7.6
35	1359.7	2-55.2, 5000-215.5, 2-220.7, 5000-226.5, 2-384.7, 1-468.1, 2-770.1, 5000-851.7, 2-895.4, 5000-987.3, 2-1000	7.6
40	1360.5	2-35.6, 5000-36.8, 2-53.6, 5000-241.8, 2-246.8, 5000-258.1, 2-264, 5000-299.5, 2-370.9, 1-454.4, 2-717.1, 5000-1000	7.6
45	1359.2	2-35.7, 5000-40.9, 2-56.9, 5000-344.1, 2-383.8, 1-451.9, 2-699.4, 5000-739.1, 4-772.9, 5000-1000	7.6
50	1356.7	2-20.5, 5000-27.7, 2-36.1, 5000-51.1, 2-53.3, 5000-528.8, 2-610.6, 4-710.2, 5000-741.1, 4-771.1, 5000-1000	7.6
55	1353.8	2-20, 5000-637.3, 4-728.4, 5000-775.3, 4-811.8, 5000-953.2, 1-990.1, 5000-1000	7.5
60	1351.3	2-19.8, 5000-460.1, 2-720.2, 4-834.1, 5000-864.7, 1-924, 4-993.7, 5000-1000	7.5
65	1349.5	2-13.2, 5000-17.9, 2-19.7, 5000-445.6, 2-605, 5000-643.2, 2-663.8, 5000-1000	7.5
70	1348.9	2-12.4, 5000-467.9, 2-499.7, 5000-1000	7.5
75	1349.5	2-12.1, 5000-1000	7.5
80	1351.3	2-12.6, 5000-1000	7.5
85	1353.8	2-13.2, 5000-1000	7.5
90	1356.7	2-14, 5000-1000	7.6
95	1359.2	2-15.1, 5000-1000	7.6
100	1360.5	2-16.4, 5000-23.4, 2-35.5, 5000-1000	7.6
105	1359.7	2-18.1, 5000-19.8, 2-38.3, 5000-1000	7.6
110	1359.2	2-41.9, 5000-96.4, 2-104.5, 5000-1000	7.6
115	1360.8	2-46.7, 5000-106.8, 2-112.3, 5000-1000	7.6
120	1361.6	2-51.9, 5000-110.3, 2-116.6, 5000-1000	7.6
125	1358.0	2-52.3, 5000-102.9, 2-118.9, 5000-1000	7.6
130	1346.5	2-70.1, 5000-95.1, 2-111, 5000-1000	7.5

Exhibit 14 - Table II-G

(Page 2 of 3)

**WUNR(AM) - DISTANCES TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region:* Indicates Measured Data	Distances To Contour 25 mV/m (km)
135	1323.8	2-102.2, 5000-1000	7.5
140	1287.5	2-97.4, 5000-1000	7.4
145	1236.3	2-74.3, 5000-80, 2-98, 5000-1000	7.2
150	1170.3	2-76.5, 5000-89.4, 2-95.5, 5000-1000	7.0
155	1090.9	2-79.8, 5000-1000	6.8
160	1000.7	2-79.1, 5000-1000	6.5
165	903.9	2-82, 5000-1000	6.2
170	805.6	2-87.1, 5000-1000	5.8
175	712.0	2-87.1, 5000-1000	5.5
180	622.2	2-62.3, 5000-65.9, 2-89.6, 5000-1000	5.1
185	532.0	2-70.1, 5000-1000	4.7
190	443.0	2-63.2, 5000-1000	4.3
195	357.0	2-56.9, 5000-59.8, 2-69.3, 5000-74.2, 2-80.4, 5000-81.7, 2-98.1, 5000-1000	3.8
200	275.5	2-109.4, 5000-1000	3.3
205	200.7	2-117.8, 5000-147.9, 0.5-154.5, 5000-1000	2.7
210	144.8	2-122.2, 5000-159.7, 0.5-174, 5000-816.6, 4-844.6, 5000-1000	2.2
215	88.9	2-128.6, 5000-185.8, 0.5-190.3, 5000-192.4, 0.5-198.7, 5000-738, 4-814.5, 5000-816.6, 4-834.1, 5000-843.9, 4-905.3, 5000-909.5, 4-1000	1.6
220	79.3	2-132.4, 5000-133.2, 2-145.5, 5000-188.6, 0.5-219.6, 5000-522.3, 2-613.9, 5000-695.6, 2-697, 5000-699.4, 2-702.2, 5000-720.6, 2-731, 4-738.3, 5000-746.3 2-960.6, 4-1000	1.5
225	96.7	2-160.1, 5000-206.3, 0.5-246.2, 5000-342.7, 4-343, 5000-347.8, 4-474.8, 5000-503.2, 4-564.8, 2-609.1, 5000-636.4, 4-641.8, 5000-655, 4-682.5, 5000-686.6 2-967.6, 4-1000	1.7
230	128.9	2-177.3, 5000-232.3, 4-234.2, 0.5-286.9, 5000-315.5, 4-479.4, 5000-486.6, 4-559.7, 40-562.6, 4-566.3, 40-603.4, 4-658, 5000-662.6, 4-682.4, 2-901, 4-1000	2.1
235	160.3	2-184.4, 1-233.1, 5000-267.2, 4-278.3, 5000-280.3, 4-509.2, 40-513.7, 4-530, 40-533.3, 4-539.7, 40-540.4, 4-554.7, 40-555.2, 4-562.8, 40-569.5, 4-605.6, 2-1000	2.4
240	175.4	2-175.7, 1-247.4, 4-303, 2-329.9, 4-559.9, 2-1000	2.5
245	188.2	2-168.3, 1-238.4, 4-281.1, 2-347.5, 4-542.6, 2-676.2, 4-776.6, 2-1000	2.6
250	196.3	2-160.3, 1-212.1, 4-282, 2-591, 4-839.6, 2-1000	2.7
255	188.2	2-143.3, 1-189.2, 4-443.5, 2-574.4, 4-618.9, 2-688.6, 4-950.8, 2-1000	2.6
260	175.4	2-111.7, 1-176.9, 4-510.9, 2-716, 4-813.8, 8-1000	2.5
265	154.5	2-98.5, 1-167.4, 4-610.5, 2-726.4, 8-982.2, 15-1000	2.3
270	128.7	2-89.7, 1-161.9, 4-792.9, 8-910.2, 10-953.4, 8-997.8, 15-1000	2.1
275	101.0	2-76, 1-158.7, 4-637.1, 8-697.7, 10-857.6, 20-958.3, 15-964.2, 8-1000	1.8
280	76.5	2-60.3, 1-156.8, 4-528.2, 8-644.9, 20-746.5, 4-809.5, 6-821.9, 20-890.1, 10-913.6, 8-927.7, 15-991.2, 8-1000,	1.5

Exhibit 14 - Table III-G

(Page 3 of 3)

**WUNR(AM) - DISTANCES TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region:* Indicates Measured Data	Distances To Contour 25 mV/m (km)
285	55.6	2-47.7, 1-156.2, 4-482.7, 8-486.7, 4-498.8, 8-641, 15-690.3, 6-705.3, 10-728, 4-773.7, 6-871.4, 10-908.8, 8-950.9, 15-991.7, 8-1000	1.6
290	135.8	2-43.3, 1-156.7, 4-236.9, 2-284.7, 4-437.1, 8-478.8, 15-606.2, 6-704.7, 4-857.7, 10-931.9, 8-1000	2.1
295	200.7	2-40.3, 1-158.3, 4-197.7, 2-275.9, 4-442.8, 8-446.9, 4-447.2, 8-470.7, 15-501.9, 4-505.3, 15-507.3, 10-513.7, 15-517.7, 4-596.3, 6-712.2, 4-727.5, 1-746.4, 10-757.5, 4-760.7, 10-873.7, 4-902.8, 10-1014	2.7
300	275.5	2-37.9, 1-160.9, 2-271.5, 4-458, 15-469.7, 10-500.4, 4-585.6, 1-788.8, 2-842.9, 10-915.9, 2-919.4, 10-926.4, 2-932.6, 10-937.6, 2-940.7, 10-952.4, 2-1000	3.3
305	357.0	2-36.1, 1-164.6, 2-272.5, 4-444.4, 10-477.8, 4-543.5, 1-746.5, 2-1000	3.8
310	443.0	2-34.9, 1-169.7, 2-275.9, 4-437.5, 10-479.3, 4-629.2, 1-721, 2-1000	4.3
315	532.0	2-34, 1-176.5, 2-284.7, 4-428.5, 10-499, 4-605.8, 2-1000	4.7
320	622.2	2-33.4, 1-185.1, 2-296.2, 4-400.1, 10-488.7, 4-517.5, 2-942.4, 6-1000	5.1
325	712.0	2-33.1, 1-195, 2-308.6, 4-372.3, 10-456.6, 4-482.7, 2-872.2, 6-995.8, 2-1000	5.5
330	799.8	2-33, 1-210.2, 2-214, 0.5-221.9, 2-324.4, 4-350.6, 10-416.6, 4-447, 2-696.5, 2-1006	5.8
335	884.1	2-33.2, 1-202.9, 0.5-254.6, 2-334.3, 4-366.7, 10-423.6, 4-456.3, 2-637.3, 2-1000	6.1
340	963.5	2-33.6, 1-205.4, 0.5-282.6, 2-322.4, 4-381.8, 6-395.2, 10-444.8, 4-474.9, 2-612.1, 2-1000	6.4
345	103.9	2-34.3, 1-211, 0.5-313.6, 4-386.8, 6-454, 4-493.5, 2-604.9, 2-1000	6.6
350	1103.2	2-35.5, 1-218.7, 0.5-307.9, 4-396.4, 6-473.2, 4-513.5, 2-613.2, 2-1000	6.8
355	1161.8	2-38, 1-231, 0.5-304.6, 4-421.8, 6-488.4, 4-538, 2-638.8, 2-1000	7.0

Exhibit 14 - Table II-H

(Page 1 of 3)

**WUNR(AM)(CP) - DISTANCES TO CONTOURS**

WUNR(AM)(CP) DA1 U 1600 kHz Brookline, MA Facility ID: 10118

prepared for

**Willow Farm, Inc.**

WNSH(AM) Beverly, Massachusetts

Facility ID 22798

1570 kHz 50 kW ND-D U

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contour 5.0 mV/m (km)
0	949.5	2-41.1, 1-134.9, 2-189.5, 1-253.9, 0.5-330.5, 4-502.5, 5000-506.5, 4-575.5, 2-676.9, 2-1000	6.3
5	1118.2	2-47.2, 1-108.6, 2-219.3, 1-348.7, 4-526.9, 5000-566.5, 4-626.3, 2-730.2, 2-1000	6.9
10	1276.6	2-246, 1-463.4, 4-608.2, 5000-665.6, 2-791.5, 2-1000	7.3
15	1425.0	2-89.8, 5000-96.4, 2-271.4, 1-594.8, 2-705.9, 5000-785.2, 2-857.5, 2-1000	7.7
20	1566.5	2-95.1, 5000-97.6, 2-296.9, 1-596.1, 2-785.2, 5000-928.4, 2-1000	8.1
25	1706.3	2-63.8, 5000-65.9, 2-71, 5000-97.4, 2-117.1, 5000-132, 2-328.9, 1-596.1, 2-862.5, 5000-995.2, 2-1000	8.4
30	1850.0	2-59.9, 5000-203, 2-214.5, 5000-219.6, 2-389.7, 1-522.5, 2-745.1, 5000-773.2, 2-909, 5000-985.8, 2-1004.7	8.8
35	2002.5	2-55.2, 5000-215.5, 2-220.7, 5000-226.5, 2-384.7, 1-468.1, 2-770.1, 5000-851.7, 2-895.4, 5000-987.3, 2-1000	9.1
40	2165.8	2-35.6, 5000-36.8, 2-53.6, 5000-241.8, 2-246.7, 5000-258.1, 2-264, 5000-299.5, 2-370.9, 1-454.3, 2-717.1, 5000-1000	9.5
45	2338.8	2-35.7, 5000-40.9, 2-56.9, 5000-344.1, 2-383.8, 1-451.9, 2-699.4, 5000-739.1, 4-772.9, 5000-1000	9.8
50	2517.1	2-20.4, 5000-27.8, 2-36.1, 5000-51.1, 2-53.3, 5000-528.8, 2-610.6, 4-710.1, 5000-741, 4-771.1, 5000-1000	10.2
55	2694.0	2-20, 5000-637.3, 4-728.4, 5000-775.2, 4-811.8, 5000-953.1, 1-990.1, 5000-1000	10.5
60	2861.1	2-19.8, 5000-460.1, 2-720.2, 4-834.1, 5000-864.7, 1-923.9, 4-993.7, 5000-1000	10.8
65	3009.8	2-13.2, 5000-18, 2-19.7, 5000-445.6, 2-605, 5000-643.2, 2-663.8, 5000-1000	11.1
70	3131.8	2-12.4, 5000-467.9, 2-499.7, 5000-1000	11.3
75	3220.0	2-12.1, 5000-1000	11.4
80	3268.5	2-12.6, 5000-1000	11.5
85	3273.4	2-13.2, 5000-1000	11.5
90	3232.6	2-14, 5000-1000	11.4
95	3146.2	2-15, 5000-1000	11.3
100	3016.3	2-16.4, 5000-23.3, 2-35.5, 5000-1000	11.1
105	2847.3	2-18.1, 5000-19.8, 2-38.3, 5000-1000	10.8
110	2645.1	2-41.9, 5000-96.3, 2-104.4, 5000-1000	10.4
115	2417.0	2-46.6, 5000-106.8, 2-112.3, 5000-1000	10.0
120	2171.0	2-51.9, 5000-110.3, 2-116.6, 5000-1000	9.5
125	1915.1	2-52.3, 5000-102.8, 2-118.9, 5000-1000	8.9
130	1656.4	2-70.1, 5000-95.2, 2-111, 5000-1000	8.3



Exhibit 14 - Table II-H

(Page 2 of 3)

**WUNR(AM)(CP) - DISTANCES TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contour 25 mV/m (km)
135	1401.2	2-102.2, 5000-1000	7.7
140	1154.3	2-97.4, 5000-1000	7.0
145	919.5	2-74.3, 5000-80, 2-98, 5000-1000	6.2
150	700.4	2-76.5, 5000-89.4, 2-95.5, 5000-1000	5.4
155	502.0	2-79.8, 5000-1000	4.6
160	333.5	2-79.1, 5000-1000	3.6
165	219.1	2-81.9, 5000-1000	2.9
170	201.0	2-87.1, 5000-1000	2.7
175	256.7	2-87.1, 5000-1000	3.1
180	321.5	2-62.4, 5000-65.9, 2-89.5, 5000-1000	3.6
185	367.9	2-70.1, 5000-1000	3.9
190	388.0	2-63.2, 5000-1000	4.0
195	380.7	2-56.9, 5000-59.9, 2-69.3, 5000-74.3, 2-80.4, 5000-81.7, 2-98, 5000-1000	3.9
200	348.3	2-109.4, 5000-1000	3.7
205	295.6	2-117.8, 5000-147.9, 0.5-154.5, 5000-1000	3.4
210	226.3	2-122.2, 5000-159.7, 0.5-174, 5000-816.6, 4-844.6, 5000-1000	2.9
215	157.7	2-128.6, 5000-185.8, 0.5-190.3, 5000-192.5, 0.5-198.7, 5000-738.1, 4-814.5, 5000-816.7, 4-834.1, 5000-843.9, 4-905.3, 5000-909.5, 4-1000	2.4
220	92.4	2-132.4, 5000-133.2, 2-145.5, 5000-188.6, 0.5-219.6, 5000-522.4, 2-613.9, 5000-695.6, 2-697.1, 5000-699.4, 2-702.3, 5000-720.6, 2-731, 4-738.3, 5000-746.3, 2-960.6, 4-1000	1.6
225	57.6	2-160.2, 5000-206.3, 0.5-246.2, 5000-342.8, 4-343, 5000-347.8, 4-474.7, 5000-503.3, 4-564.8, 2-609.1, 5000-636.5, 4-641.8, 5000-655, 4-682.6, 5000-686.6, 2-967.7, 4-1000	1.2
230	75.3	2-177.3, 5000-232.4, 4-234.2, 0.5-286.9, 5000-315.5, 4-479.5, 5000-486.7, 4-559.7, 40-562.6, 4-566.4, 40-603.4, 4-658, 5000-662.6, 4-682.5, 2-901.1, 4-1000	1.5
235	103.7	2-184.4, 1-233, 5000-267.4, 4-278.3, 5000-280.4, 4-509.1, 40-513.8, 4-530.1, 40-533.3, 4-539.7, 40-540.4, 4-554.7, 40-555.3, 4-562.8, 40-569.6, 4-605.7, 2-1000	1.8
240	121.4	2-175.7, 1-247.4, 4-303, 2-329.9, 4-559.9, 2-1000	2.0
245	126.5	2-168.3, 1-238.4, 4-281.1, 2-347.5, 4-542.7, 2-676.2, 4-776.6, 2-1000	2.0
250	123.0	2-160.3, 1-212.2, 4-282, 2-591.1, 4-839.6, 2-1000	2.0
255	116.8	2-143.3, 1-189.2, 4-443.5, 2-574.4, 4-618.9, 2-688.6, 4-950.8, 2-1000	1.9
260	112.4	2-111.7, 1-177, 4-510.9, 2-716, 4-813.8, 8-1000	1.9
265	109.2	2-98.5, 1-167.4, 4-610.5, 2-726.4, 8-982.2, 15-1000	1.9
270	102.4	2-89.8, 1-161.9, 4-792.9, 8-910.2, 10-953.5, 8-997.8, 15-1000	1.8
275	87.9	2-76, 1-158.8, 4-637.2, 8-697.8, 10-857.7, 20-958.3, 15-964.2, 8-1000	1.6
280	68.0	2-60.3, 1-156.9, 4-528.2, 8-644.9, 20-746.5, 4-809.5, 6-821.9, 20-890.1, 10-913.6, 8-927.8, 15-991.3, 8-1000	1.4

Exhibit 14 - Table II-H

(Page 3 of 3)

**WUNR(AM)(CP) - DISTANCES TO CONTOURS**

Azimuth (deg)	Field at 1 km (mV/m)	Ground Conductivity Data Region Conductivity Data in mS/m followed by distance in km to end of Region: * Indicates Measured Data	Distances To Contour 25 mV/m (km)
285	63.4	2-47.8, 1-156.2, 4-482.8, 8-486.7, 4-498.9, 8-641, 15-690.3, 6-705.3, 10-728, 4-773.7 6-871.4, 10-908.8, 8-950.9, 15-991.8, 8-1000	1.3
290	97.4	2-43.3, 1-156.7, 4-236.9, 2-284.7, 4-437.1, 8-478.8, 15-606.2, 6-704.7, 4-857.7, 10-931.9, 8-1000	1.7
295	152.2	2-40.3, 1-158.4, 4-197.7, 2-276, 4-442.9, 8-447, 4-447.2, 8-470.7, 15-501.9, 4-505.3 15-507.3, 10-513.7, 15-517.7, 4-596.4, 6-712.3, 4-727.5, 1-746.4, 10-757.5, 4-760.7, 10-873.7, 4-902.7, 10-1014	2.3
300	209.2	2-37.9, 1-161, 2-271.5, 4-458.1, 15-469.7, 10-500.4, 4-585.6, 1-788.8, 2-842.9, 10-915.9, 2-919.4, 10-926.4, 2-932.6, 10-937.6, 2-940.7, 10-952.4, 2-1000	2.8
305	256.9	2-36.1, 1-164.6, 2-272.5, 4-444.4, 10-477.8, 4-543.5, 1-746.5, 2-1000	3.1
310	286.5	2-34.9, 1-169.7, 2-275.9, 4-437.5, 10-479.3, 4-629.2, 1-721, 2-1000	3.3
315	291.6	2-34, 1-176.6, 2-284.8, 4-428.5, 10-499, 4-605.8, 2-1000	3.4
320	269.0	2-33.4, 1-185.1, 2-296.2, 4-400.1, 10-488.7, 4-517.5, 2-942.4, 6-1000	3.2
325	221.8	2-33.1, 1-195.1, 2-308.6, 4-372.3, 10-456.6, 4-482.7, 2-872.2, 6-995.8, 2-1000	2.9
330	169.4	2-33, 1-210.3, 2-213.9, 0.5-221.9, 2-324.4, 4-350.6, 10-416.6, 4-447, 2-696.5, 2-1006	2.5
335	173.6	2-33.2, 1-202.9, 0.5-254.6, 2-334.3, 4-366.7, 10-423.6, 4-456.4, 2-637.3, 2-1000	2.5
340	272.8	2-33.6, 1-205.4, 0.5-282.6, 2-322.4, 4-381.8, 6-395.3, 10-444.8, 4-475, 2-612.1, 2-1000	3.3
345	423.2	2-34.4, 1-211, 0.5-313.6, 4-386.8, 6-454.1, 4-493.5, 2-604.9, 2-1000	4.2
350	594.6	2-35.5, 1-218.7, 0.5-307.9, 4-396.4, 6-473.2, 4-513.5, 2-613.2, 2-1000	5.0
355	773.0	2-38, 1-231, 0.5-304.6, 4-421.9, 6-488.4, 4-538, 2-638.8, 2-1000	5.7

**EXHIBIT 14 - FIGURE 3**  
**WFTU CONTOUR OVERLAP DETAIL**

prepared July 2006 for  
**Willow Farm, Inc.**  
WNSH(AM) Beverly, Massachusetts

1570 kHz 50 kW ND-D U

Cavell, Mertz & Davis, Inc.  
Manassas, Virginia

Proposed WNSH  
0.5 mV/m  
Coverage Contour

Existing WNSH  
0.5 mV/m  
Coverage Contour

WNSH Site

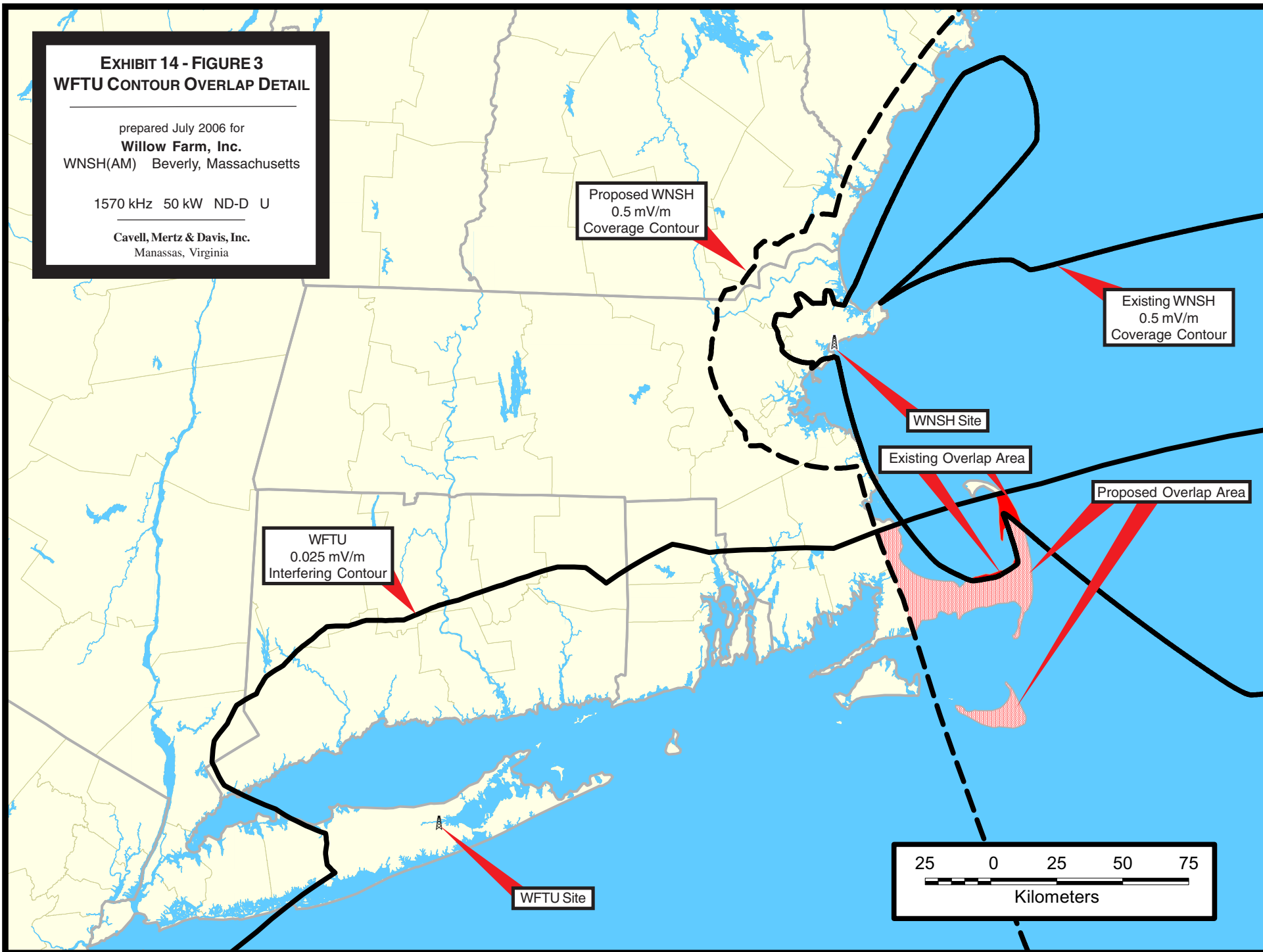
Existing Overlap Area

Proposed Overlap Area

WFTU  
0.025 mV/m  
Interfering Contour

WFTU Site

25 0 25 50 75  
Kilometers



**EXHIBIT 14 - FIGURE 4**  
**INTERFERENCE REDUCTION AREAS**

prepared July 2006 for  
**Willow Farm, Inc.**  
WNSH(AM) Beverly, Massachusetts

1570 kHz 50 kW ND-D U

Cavell, Mertz & Davis, Inc.  
Manassas, Virginia

