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**ENGINEERING STATEMENT:**

**MULTIPLE OWNERSHIP STUDY FOR  
WQKS-FM MONTGOMERY, AL  
WJWZ-FM WETUMPKA, AL  
WBAM-FM MONTGOMERY, AL  
WACV-AM MONTGOMERY, AL**

**BLUEWATER BROADCASTING COMPANY, LLC**

**MAR 2004**

## **MULTIPLE OWNERSHIP SERVICE CONTOUR ANALYSIS**

Prepared for  
Bluewater Broadcasting Company, LLC

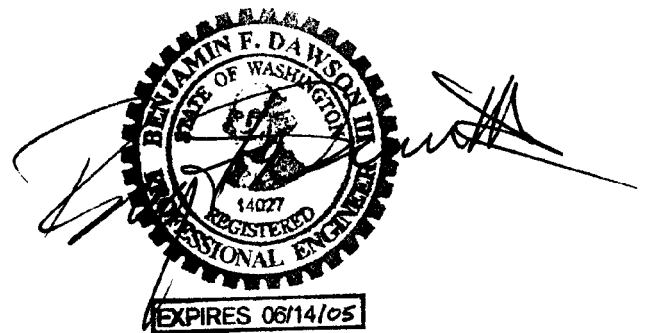
The attached map of principal community service contours was prepared in accordance with the technical standards of the Rules and Regulations of the Federal Communications Commission.

The 70 dBu contours of FM stations were determined from the technical data contained in the most recent edition of the FCC FM Database. The listed antenna height above average terrain was used together with topographic data obtained from the digitized 30 second or 3 second database.

The 5 mV/m daytime contours of AM stations were determined from the technical data contained in the most recent edition of the FCC AM Database. The listed antenna parameter information was used together with a digitized version of the FCC M-3 or Region II ground conductivity database.

The service contours were plotted using correct map projection mathematics. Those stations whose transmitter sites are within the respective principal community service contours of the stations proposed to be commonly owned have only the sites rather than their contours shown. All contours and enclosed transmitter site locations have been labeled. A list of all stations considered is included with this statement. This exhibit demonstrates at least the minimum number of stations necessary to demonstrate compliance with the rules concerning radio multiple ownership.

March 1, 2004



Benjamin F. Dawson III, P.E.

Hatfield & Dawson Consulting Engineers

AM STATIONS WITH 5 mV/m CONTOURS OVERLAPPING  
70 dBu CONTOURS OF WQKS, WJWZ (Lic + CP), WBAM  
AND 5 mV/m CONTOUR OF WACV

Call	City	Freq	Power(kW)	Latitude
Status	St Co	FCC File No.	Mode Hrs Cls	Longitude
=====				
WMSP	MONTGOMERY	740	10.000	N 32-25-15
LIC	AL US BL19960807AB	DA2	DAY B	W 086-09-50
WMGY	MONTGOMERY	800	1.000	N 32-24-48
LIC	AL US BL	NDD	DAY B	W 086-17-25
WNZZ	MONTGOMERY	950	1.000	N 32-20-05
LIC	AL US BL19930121AD	ND1	DAY B	W 086-19-29
WTBF	TROY	970	5.000	N 31-50-04
LIC	AL US BL	DAN	DAY B	W 085-56-00
WACV	MONTGOMERY	1170	10.000	N 32-27-16
LIC	AL US BL19781129AC	DA2	DAY B	W 086-17-21
WGYV	GREENVILLE	1380	1.000	N 31-50-01
LIC	AL US BL	NDD	DAY B	W 086-36-07
WLWI	MONTGOMERY	1440	5.000	N 32-18-24
LIC	AL US BL	DAN	DAY B	W 086-16-35
WXVI	MONTGOMERY	1600	5.000	N 32-23-40
LIC	AL US BL19790601AA	DA2	DAY B	W 086-17-21

**FM STATIONS WITH 70 dBu CONTOURS OVERLAPPING  
70 dBu CONTOURS OF WQKS, WJWZ (Lic + CP), WBAM  
AND 5 mV/m CONTOUR OF WACV**

Call Status	City State	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude
=====					
WLWI-FM LIC	MONTGOMERY AL	BLH890412KA	222C 92.3	100.000 334.0	32-24-11 086-11-48
WQSI LIC	UNION SPRINGS AL	BMLH880906KF	231A 94.1	3.000 81.0	32-05-46 085-48-16
WQZX LIC	GREENVILLE AL	BMLH950817KA	232A 94.3	3.900 125.0	31-54-40 086-36-19
WTBF-FM LIC	BRUNDIDGE AL	BLH971124KE	234C3 94.7	14.500 132.0	31-40-38 085-56-43
WKXN LIC	GREENVILLE AL	BMLH900228KC	240A 95.9	4.000 69.0	31-50-43 086-38-56
WQKS-FM LIC	MONTGOMERY AL	BLH920130KA	241A 96.1	0.900 250.0	32-22-03 086-15-42
WMCZ LIC	MILLBROOK AL	BMLH011116ABG	246A 97.1	1.300 214.0	32-20-06 086-17-16
WJWZ LIC	WETUMPKA AL	BLH980515KA	250A 97.9	3.000 100.0	32-27-08 086-12-35
WJWZ CP	WETUMPKA AL	BPH020627AAA	250A 97.9	3.000 100.0	32-26-53 086-12-39
WBAM-FM LIC	MONTGOMERY AL	BLH020625AAN	255C1 98.9	100.000 299.0	31-58-28 086-11-31
WAOQ LIC	BRANTLEY AL	BLH990603KF	262A 100.3	6.000 100.0	31-42-26 086-13-12
WHHY-FM LIC	MONTGOMERY AL	BLH890331KC	270C0 101.9	100.000 334.0	32-24-11 086-11-48
WMXS LIC	MONTGOMERY AL	BLH890419KB	277C 103.3	100.000 334.0	32-24-11 086-11-48
WQLD LIC	LUVERNE AL	BLH970731KB	282C1 104.3	13.500 558.0	31-58-28 086-09-44
WZHT LIC	TROY AL	BLH980717KE	289C 105.7	100.000 558.0	31-58-28 086-09-44

