

**Exhibit 13.1 - Copy of Existing
Antenna Structure Registration****Registration Detail**

Reg Number	1264195	Status	
File Number	A0598908	Constructed	
FAA Study	2004-AGL-7451-OE	EMI	No
FAA Issue Date	03/02/2005	NEPA	No

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Communications Purposes

Location (in NAD83 Coordinates)

Lat/Long	41-56-24.0 N 085-02-47.0 W	141 E. Chicago Road
City, State	Coldwater , MI	
Center of AM Array		

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
291.1	20.7
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
311.8	20.4

Painting and Lighting Specifications

None

Owner & Contact Information

FRN	0002733822	Licensee ID	L00167826
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Owner

Branch County 911
 Attention To: Kurt Spalding
 141 E. Chicago Road
 Coldwater , MI 49036

P: (517)278-9020
 E: kspalding@countyofbranch.com

Contact

P:
 E:

Last Action Status

Status	Granted	Received	07/08/2008
Purpose	New	Entered	07/08/2008
Mode	Interactive		

Related Applications

07/08/2008 A0598908 - New (NE)

Comments**Comments**

None

Automated Letters

None



Exhibit 13.2

Vertical Plan of Antenna System

The site is located at 141 E. Chicago Road,
the city of Coldwater, Branch County, Michigan.

Site Location (NAD 27)

NL: 41° 56' 24"

WL: 85° 02' 47"

NOTE: Existing Tower Construction

Antenna Structure Registration No.
1264195

Proposed Antenna
COR: 308 meters AMSL
HAAT: 19 meters

17 meters AGL

311.8 meters AMSL

20.7 meters AGL
(68 ft AGL)

Ground Elevation = 291.1 m AMSL (955 ft)
Drawing is not to Scale

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

EXHIBIT 13.3

PROPOSED FM OPERATING SPECIFICATIONS

Applicant: Michiana Christian Broadcasters, Inc.

Call: WCWB(FM)

City of License: Coldwater, MI

Frequency: 90.1 MHz **Channel:** 211A **ERP:** 0.250 kW **HAAT:** 19 M

Transmitter Location: The site is located at 141 E. Chicago St.

City: Coldwater

County: Branch

State: Michigan

Site Coordinates: NL: 41° 56' 24" / WL: 85° 02' 47"

Tower Registration Number: 1264195

Proposed Operation: Class A

Effective Radiated Power: --- kW (H) 0.250 kW (V)

Height of Antenna Radiation Center Above:

	<u>Average Terrain</u>	<u>Mean Sea Level</u>	<u>Ground</u>
Horizontal	--- meters	--- meters	--- meters
Vertical	19 meters	308 meters	17 meters

Elevation of Tower Site : 291.1 Meters AMSL

Overall Height of Structure Above Ground : 20.7 Meters AGL

Overall Height of Structure Above Mean Sea Level: 311.8 Meters AMSL

U.S. Census 2000 - Coldwater, MI: 21.05 km²
60 dBu Coverage of Coldwater, MI: 21.00 km²
60 dBu Community Coverage: 99.8%

Exhibit 13.4 Present vs. Proposed Service Contour Study

WCWB.C
BMPED20060601BCP
Latitude: 42-03-28 N
Longitude: 084-59-50 W
ERP: 6.20 kW
HAAT: 93.0 m
Channel: 211
Frequency: 90.1 MHz
AMSL Height: 386.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

60 dBu Contour
Total Population: 82,792
Total Area: 2381.01 sq. km

WCWB.P
Proposed Operation
Latitude: 41-56-24 N
Longitude: 085-02-47 W
ERP: 0.25 kW
HAAT: 19 m
Channel: 211
Frequency: 90.1 MHz
AMSL Height: 308.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

60 dBu Contour
Total Population: 17,557
Total Area: 158.09 sq. km

