

City of License Coverage

The community of license for WLKB is Bay City, MI. The city of Bay City contains an area of 29.02 sq. km* and has a population of 34,932* persons (see Exhibit 16-A for population figures). The proposed facility's 60dBu F(50,50) contour covers 29.02 sq. km and 34,932 persons (see Exhibit 16-B for contour coverage) within the city limits of Bay City. The chart below shows the percentages of both area and population covered within the city limits of Bay City by the proposed WLKB facility.

	City of Bay City	WLKB Proposed	Percentage of Coverage
Area (km)	29.02	29.02	100%
Population	34,932	34,932	100%

Thus, the facility proposed in this application meets the requirement to serve the community of license.

*Note - The city limits and population were calculated using the 2010 Census data as rendered by V-Soft Communications program Probe 4.

Exhibit 16-A

Overlap Population Report
 WLKB.P (206) / Bay City, MI

Overlap Area Type: Intersection
 Areas Included:

WLKB.P (206): FCC F(50-50) 60.00 dBu (FCC HAAT)
 PGON: Bay City, MI

Population Database: 2010 US Census (PL)

Total Population: 34,932
 Housing Units: 15,923
 Overlap Area: 29.02 sq. km

Area Description	Total Population	Total Area [sq. km]	Percent Population	Percent Area
WLKB.P (206): FCC F(50-50) 6	399,331	6,049	8.7 %	0.5 %
PGON: Bay City, MI	34,932	29.02	100.0 %	100.0 %

Exhibit 16-B Community of License Coverage

WLKB.P
BLED20061222AAS
Latitude: 43-33-42 N
Longitude: 083-58-52 W
ERP: 50.00 kW
Channel: 206
Frequency: 89.1 MHz
AMSL Height: 296.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

