

REFERENCE COPY

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**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: HORSESHOE LAKE FIRE DEPT

ATTN: SUSAN BIGHAM - TRUSTEE
HORSESHOE LAKE FIRE DEPT
27045 ST. HWY. 3
PO BOX 262
OLIVE BRANCH, IL 62969

Call Sign WPGW496	File Number 0006691459
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0012639704

Grant Date 03-04-2015	Effective Date 03-04-2015	Expiration Date 03-28-2025	Print Date 03-05-2015
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1 Address:** HWY 3 CENTER OF CITY
City: OLIVE BRANCH **County:** ALEXANDER **State:** IL
Lat (NAD83): 37-10-10.2 N **Long (NAD83):** 089-21-05.3 W **ASR No.:** **Ground Elev:** 102.0
- Loc. 2 Area of operation**
Operating within a 32.0 km radius around fixed location 1
- Loc. 3 Area of operation**
Land Mobile Control Station meeting the 6.1 Meter Rule: ALEXANDER county, IL

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000154.1450000	FBC	1	30	11K2F3E	100.000	80.000	30.0	18.9	
1	2	000151.1750000	FB2	1	100	11K2F3E 7K60FXD 7K60FXE	100.000	150.000	38.1	27.0	06-23-2010
2	1	000154.1450000	MO	55		11K2F3E	50.000	50.000			

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
2	1	000151.17500000	MO	150		11K2F3E 7K60FXD 7K60FXE	100.000	100.000			06-23-2010
2	1	000159.06750000	MO	150		11K2F3E 7K60FXD 7K60FXE	100.000	100.000			06-23-2010
3	1	000159.06750000	FX1	10		11K2F3E 7K60FXD 7K60FXE	100.000	125.000			

Control Points

Control Pt. No. 1

Address: 27045 STATE HWY 3

City: OLIVE BRANCH **County:** ALEXANDER **State:** IL **Telephone Number:** (618)697-7273

Associated Call Signs

<NA>

Waivers/Conditions:

NONE