

# REFERENCE COPY

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## Federal Communications Commission Public Safety and Homeland Security Bureau

### RADIO STATION AUTHORIZATION

LICENSEE: MUNDELEIN VILLAGE OF

ATTN: FIRE CHIEF  
MUNDELEIN VILLAGE OF  
1000 N MIDLOTHIAN ROAD  
MUNDELEIN, IL 60060

|                                                               |                                  |
|---------------------------------------------------------------|----------------------------------|
| <b>Call Sign</b><br>KSB339                                    | <b>File Number</b><br>0006466229 |
| <b>Radio Service</b><br>PW - Public Safety Pool, Conventional |                                  |
| <b>Regulatory Status</b><br>PMRS                              |                                  |
| <b>Frequency Coordination Number</b>                          |                                  |

FCC Registration Number (FRN): 0002831899

|                                 |                                     |                                      |                                 |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|
| <b>Grant Date</b><br>11-04-2014 | <b>Effective Date</b><br>11-04-2014 | <b>Expiration Date</b><br>09-27-2024 | <b>Print Date</b><br>11-05-2014 |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|

### STATION TECHNICAL SPECIFICATIONS

#### Fixed Location Address or Mobile Area of Operation

- Loc. 1** **Address:** 169 SEYMOUR AVE  
**City:** MUNDELEIN **County:** LAKE **State:** IL  
**Lat (NAD83):** 42-15-56.9 N **Long (NAD83):** 088-00-06.6 W **ASR No.:** **Ground Elev:** 229.0
- Loc. 2** **Area of operation**  
Countywide: LAKE, IL
- Loc. 3** **Area of operation**  
Operating within a 16.0 km radius around 42-16-32.1 N, 088-00-03.3 W,  
MUNDELEIN, LAKE county, IL
- Loc. 4** **Address:** 1000 N. MIDLOTHIAN ROAD  
**City:** MUNDELEIN **County:** LAKE **State:** IL  
**Lat (NAD83):** 42-16-43.9 N **Long (NAD83):** 088-01-11.1 W **ASR No.:** **Ground Elev:** 241.7
- Loc. 5** **Address:** 1300 S. LAKE STREET  
**City:** MUNDELEIN **County:** LAKE **State:** IL  
**Lat (NAD83):** 42-14-45.1 N **Long (NAD83):** 087-59-41.6 W **ASR No.:** **Ground Elev:** 224.6

#### 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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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       | 000154.26500000   | FB        | 1         |            | 11K2F3E             | 110.000              | 110.000     | 49.7               | 50.2            |                         |
| 1       | 1       | 000154.43000000   | FB        | 1         |            | 11K2F3E             | 110.000              | 110.000     | 49.7               | 50.2            |                         |
| 1       | 1       | 000155.28000000   | FB        | 1         |            | 11K2F3E             | 110.000              | 150.000     | 49.7               | 50.2            | 04-22-2005              |
| 2       | 1       | 000150.79000000   | MO        | 75        |            | 11K2F3E             | 110.000              | 110.000     |                    |                 |                         |
| 2       | 1       | 000154.26500000   | MO        | 75        |            | 11K2F3E             | 110.000              | 110.000     |                    |                 |                         |
| 2       | 1       | 000154.43000000   | MO        | 75        |            | 11K2F3E             | 110.000              | 110.000     |                    |                 |                         |
| 2       | 1       | 000154.28000000   | MO        | 75        |            | 11K2F3E             | 10.000               | 10.000      |                    |                 | 04-22-2005              |
| 2       | 1       | 000154.29500000   | MO        | 75        |            | 11K2F3E             | 10.000               | 10.000      |                    |                 | 04-22-2005              |
| 2       | 1       | 000154.10000000   | MO        | 75        |            | 11K2F3E             | 110.000              | 110.000     |                    |                 | 04-22-2005              |
| 2       | 1       | 000153.83000000   | MO        | 75        |            | 11K2F3E             | 10.000               | 10.000      |                    |                 | 04-22-2005              |
| 2       | 1       | 000155.28000000   | MO        | 25        |            | 11K2F3E             | 110.000              | 110.000     |                    |                 | 11-30-2005              |
| 2       | 1       | 000155.34000000   | MO        | 25        |            | 11K2F3E             | 110.000              | 110.000     |                    |                 | 11-30-2005              |
| 2       | 1       | 000155.40000000   | MO        | 25        |            | 11K2F3E             | 110.000              | 110.000     |                    |                 | 11-30-2005              |
| 3       | 1       | 000155.17500000   | MO        | 223       |            | 11K2F3E             | 5.000                | 25.000      |                    |                 | 06-24-2004              |
| 4       | 1       | 000154.43000000   | FB        | 1         |            | 11K2F3E             | 50.000               | 85.000      | 12.8               | 24.4            | 04-22-2005              |
| 4       | 1       | 000154.26500000   | FB        | 1         |            | 11K2F3E             | 50.000               | 85.000      | 12.8               | 24.4            | 04-22-2005              |
| 4       | 2       | 000154.10000000   | FB        | 1         |            | 11K2F3E             | 35.000               | 60.000      | 12.8               | 24.4            | 04-22-2005              |
| 5       | 1       | 000154.26500000   | FB        | 1         |            | 11K2F3E             | 110.000              | 295.000     | 31.1               | 27.9            | 04-22-2005              |
| 5       | 1       | 000154.43000000   | FB        | 1         |            | 11K2F3E             | 110.000              | 295.000     | 31.1               | 27.9            | 04-22-2005              |
| 5       | 1       | 000155.28000000   | FB        | 1         |            | 11K2F3E             | 110.000              | 295.000     | 31.1               | 27.9            | 04-22-2005              |

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| Loc<br>No. | Ant<br>No. | Frequencies<br>(MHz) | Sta.<br>Cls. | No.<br>Units | No.<br>Pagers | Emission<br>Designator | Output<br>Power<br>(watts) | ERP<br>(watts) | Ant.<br>Ht./Tp<br>meters | Ant.<br>AAT<br>meters | Construct<br>Deadline<br>Date |
|------------|------------|----------------------|--------------|--------------|---------------|------------------------|----------------------------|----------------|--------------------------|-----------------------|-------------------------------|
| 5          | 2          | 000154.10000000      | FB           | 1            |               | 11K2F3E                | 35.000                     | 95.000         | 31.1                     | 27.9                  | 04-22-2005                    |

**Control Points**

**Control Pt. No. 1**

**Address:** 200 NORTH LAKE

**City:** MUNDELEIN **County:** LAKE **State:** IL **Telephone Number:** (847)949-3250

**Associated Call Signs**

<NA>

**Waivers/Conditions:**

NONE