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Federal Communications Commission Public Safety and Homeland Security Bureau

RADIO STATION AUTHORIZATION

LICENSEE: MINNESOTA, STATE OF

ATTN: OFFICE OF STATEWIDE RADIO COMM.
MINNESOTA, STATE OF
395 JOHN IRELAND BLVD., MS730
SAINT PAUL, MN 55155

Call Sign WQKW694	File Number 0009745621
Radio Service YE - PubSafty/SpecEmer/PubSaftyNtlPlan,806-817/851 -862MHz,Trunked	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002608115

Grant Date 10-02-2019	Effective Date 10-08-2021	Expiration Date 10-08-2029	Print Date 10-08-2021
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** **Address:** 7694 INDUSTRIAL PARK RD
City: BAXTER **County:** CROW WING **State:** MN
Lat (NAD83): 46-20-49.5 N **Long (NAD83):** 094-14-22.1 W **ASR No.:** 1267237 **Ground Elev:** 364.2
- Loc. 2** **Area of operation**
Operating within a 40.0 km radius around fixed location 1
- Loc. 3** **Address:** 149 COUNTRY RD 41 NW
City: BACKUS **County:** CASS **State:** MN
Lat (NAD83): 46-48-33.7 N **Long (NAD83):** 094-38-24.3 W **ASR No.:** 1263932 **Ground Elev:** 446.5
- Loc. 4** **Area of operation**
Operating within a 40.0 km radius around fixed location 3
- Loc. 5** **Address:** 6971 45th Ave SW
City: PEQUOT LAKES 56472 **County:** CASS **State:** MN
Lat (NAD83): 46-33-06.7 N **Long (NAD83):** 094-31-14.5 W **ASR No.:** 1225237 **Ground Elev:** 443.5
- Loc. 6** **Area of operation**
Operating within a 40.0 km radius around fixed location 5
- Loc. 7** **Address:** 3MI S. ON HWY 60 E 5MI DIRT RD CR20
City: EMILY **County:** CROW WING **State:** MN
Lat (NAD83): 46-40-51.0 N **Long (NAD83):** 093-56-18.0 W **ASR No.:** 1014619 **Ground Elev:** 414.5
- Loc. 8** **Area of operation**
Operating within a 40.0 km radius around fixed location 7

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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Fixed Location Address or Mobile Area of Operation

Loc. 9 Address: BORDEN LAKE LOOKOUT TOWER

City: GARRISON County: CROW WING State: MN

Lat (NAD83): 46-16-43.2 N Long (NAD83): 093-51-26.9 W ASR No.: Ground Elev: 430.0

Loc. 10 Area of operation

Operating within a 40.0 km radius around fixed location 9

Loc. 11 Address: INTERSECTION AKERSON RD AND CO RD 112

City: PEQUOT LAKES County: CROW WING State: MN

Lat (NAD83): 46-36-58.7 N Long (NAD83): 094-18-17.6 W ASR No.: 1282061 Ground Elev: 395.0

Loc. 12 Area of operation

Operating within a 40.0 km radius around fixed location 11

Loc. 13 Area of operation

Land Mobile Control Station meeting the 6.1 Meter Rule: CROW WING county, MN

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	000852.95000000	FB2C	1		8K10F1E	100.000	184.000	89.0	83.9	12-31-2013
1	1	000857.21250000	FB2C	1		8K10F1E	100.000	184.000	89.0	83.9	12-31-2013
1	1	000857.71250000	FB2C	1		8K10F1E	100.000	184.000	89.0	83.9	12-31-2013
1	1	000858.71250000	FB2C	1		8K10F1E	100.000	184.000	89.0	83.9	12-31-2013
1	1	000859.76250000	FB2C	1		8K10F1E	100.000	184.000	89.0	83.9	12-31-2013
1	1	000852.38750000	FB2C	1		8K10F1E	100.000	184.000	89.0	83.9	12-31-2013
1	1	000854.73750000	FB2C	1		8K10F1E	100.000	184.000	89.0	83.9	12-11-2020
2	1	000807.95000000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
2	1	000807.38750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
2	1	000807.95000000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
2	1	000812.21250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
2	1	000812.21250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
2	1	000812.71250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013

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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	000812.71250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
2	1	000813.71250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
2	1	000813.71250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
2	1	000814.76250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
2	1	000814.76250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
2	1	000807.38750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
2	1	000809.73750000	MO	1500		8K10F1E	70.000	70.000			12-11-2020
2	1	000809.73750000	MO	1500		8K10F1E	5.000	5.000			12-11-2020
3	1	000855.21250000	FB2C	1		8K10F1E	100.000	168.000	104.5	123.5	12-31-2013
3	1	000856.46250000	FB2C	1		8K10F1E	100.000	168.000	104.5	123.5	12-31-2013
3	1	000851.91250000	FB2C	1		8K10F1E	100.000	168.000	104.5	123.5	12-31-2013
3	1	000852.46250000	FB2C	1		8K10F1E	100.000	168.000	104.5	123.5	12-31-2013
3	1	000853.47500000	FB2C	1		8K10F1E	100.000	168.000	104.5	123.5	12-31-2013
3	1	000851.56250000	FB2C	1		8K10F1E	100.000	168.000	104.5	123.5	04-30-2016
4	1	000810.21250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
4	1	000810.21250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
4	1	000811.46250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
4	1	000811.46250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
4	1	000806.91250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
4	1	000806.91250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013

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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
4	1	000807.46250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
4	1	000807.46250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
4	1	000808.47500000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
4	1	000808.47500000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
4	1	000806.56250000	MO	1500		8K10F1E	70.000	70.000			04-30-2016
4	1	000806.56250000	MO	1500		8K10F1E	5.000	5.000			04-30-2016
5	1	000859.21250000	FB2C	1		8K10F1E	100.000	177.000	101.2	128.6	12-31-2013
5	1	000851.95000000	FB2C	1		8K10F1E	100.000	177.000	101.2	128.6	12-31-2013
5	1	000852.91250000	FB2C	1		8K10F1E	100.000	177.000	101.2	128.6	12-31-2013
5	1	000853.41250000	FB2C	1		8K10F1E	100.000	177.000	101.2	128.6	12-31-2013
5	1	000853.87500000	FB2C	1		8K10F1E	100.000	177.000	101.2	128.6	12-31-2013
5	1	000851.35000000	FB2C	1		8K10F1E	100.000	177.000	101.2	128.6	04-30-2016
6	1	000814.21250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
6	1	000814.21250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
6	1	000806.95000000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
6	1	000806.95000000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
6	1	000807.91250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
6	1	000807.91250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
6	1	000808.41250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
6	1	000808.41250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013

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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
6	1	000808.87500000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
6	1	000808.87500000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
6	1	000806.35000000	MO	1500		8K10F1E	70.000	70.000			04-30-2016
6	1	000806.35000000	MO	1500		8K10F1E	5.000	5.000			04-30-2016
7	1	000855.71250000	FB2C	1		8K10F1E	100.000	184.000	86.2	119.1	12-31-2013
7	1	000857.98750000	FB2C	1		8K10F1E	100.000	168.000	86.2	119.1	12-31-2013
7	1	000858.48750000	FB2C	1		8K10F1E	100.000	168.000	86.2	119.1	12-31-2013
7	1	000858.98750000	FB2C	1		8K10F1E	100.000	168.000	86.2	119.1	12-31-2013
7	1	000859.46250000	FB2C	1		8K10F1E	100.000	168.000	86.2	119.1	12-31-2013
8	1	000810.71250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
8	1	000810.71250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
8	1	000812.98750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
8	1	000812.98750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
8	1	000813.48750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
8	1	000813.48750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
8	1	000813.98750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
8	1	000813.98750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
8	1	000814.46250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
8	1	000814.46250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
9	1	000859.98750000	FB2C	1		8K10F1E	100.000	188.000	58.5	100.5	12-31-2013

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9	1	000851.48750000	FB2C	1		8K10F1E	100.000	188.000	58.5	100.5	12-31-2013
9	1	000851.98750000	FB2C	1		8K10F1E	100.000	188.000	58.5	100.5	12-31-2013
9	1	000852.48750000	FB2C	1		8K10F1E	100.000	188.000	58.5	100.5	12-31-2013
9	1	000852.90000000	FB2C	1		8K10F1E	100.000	188.000	58.5	100.5	12-31-2013
10	1	000814.98750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
10	1	000814.98750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
10	1	000806.48750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
10	1	000806.48750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
10	1	000806.98750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
10	1	000806.98750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
10	1	000807.48750000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
10	1	000807.48750000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
10	1	000807.90000000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
10	1	000807.90000000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
11	1	000856.26250000	FB2C	1		8K10F1E	100.000	168.000	104.5	114.3	12-31-2013
11	1	000857.26250000	FB2C	1		8K10F1E	100.000	168.000	104.5	114.3	12-31-2013
11	1	000858.26250000	FB2C	1		8K10F1E	100.000	168.000	104.5	114.3	12-31-2013
11	1	000851.37500000	FB2C	1		8K10F1E	100.000	168.000	104.5	114.3	12-31-2013
11	1	000852.97500000	FB2C	1		8K10F1E	100.000	168.000	104.5	114.3	12-31-2013
12	1	000811.26250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013

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12	1	000811.26250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
12	1	000812.26250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
12	1	000812.26250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
12	1	000813.26250000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
12	1	000813.26250000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
12	1	000806.37500000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
12	1	000806.37500000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
12	1	000807.97500000	MO	1500		8K10F1E	70.000	70.000			12-31-2013
12	1	000807.97500000	MO	1500		8K10F1E	5.000	5.000			12-31-2013
13	1	000808.47500000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000814.21250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000806.95000000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.91250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000808.41250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000808.87500000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000810.71250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000812.98750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000813.48750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000813.98750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000814.46250000	FX1	1500		8K10F1E	70.000	70.000			

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13	1	000807.95000000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000812.21250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000812.71250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000813.71250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000814.76250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.38750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000810.21250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000811.46250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000806.91250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.46250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000806.37500000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.97500000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000814.98750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000806.48750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000806.98750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.48750000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000807.90000000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000811.26250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000812.26250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000813.26250000	FX1	1500		8K10F1E	70.000	70.000			

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13	1	000806.56250000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000806.35000000	FX1	1500		8K10F1E	70.000	70.000			
13	1	000809.73750000	FX1	1500		8K10F1E	70.000	70.000			

Control Points

Control Pt. No. 1

Address: 1123 MESABA AVE

City: DULUTH **County:** ST. LOUIS **State:** MN **Telephone Number:** (218)725-2825

Associated Call Signs

<NA>

Waivers/Conditions:

Prior to commencing operations on any channel or channels specified under this authorization, the licensee must provide at least 60 days written or electronic notice to Sprint Nextel Corporation that it intends to activate the channel(s) for testing or commencement of operations. Sprint Nextel must cease operation on the channel(s) specified in the notice by the intended date to the extent necessary to comply with the co-channel spacing requirements of § 90.621(b), after which the licensee may activate the channel(s). Sprint Nextel Corporation has established an email box to receive these notifications at 800mhzinterleavedspectrum@sprint.com.