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Federal Communications Commission Public Safety and Homeland Security Bureau

RADIO STATION AUTHORIZATION

LICENSEE: LOWELL, CITY OF

ATTN: SUPERINTENDENT OF POLICE
LOWELL, CITY OF
50 ARCAND DRIVE
LOWELL, MA 01852

Call Sign WPLX746	File Number
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0007975451

Grant Date 01-09-2013	Effective Date 10-31-2022	Expiration Date 04-07-2023	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** Address: CHRISTIAN HILL WATER SHED
City: LOWELL County: MIDDLESEX State: MA
Lat (NAD83): 42-39-19.3 N Long (NAD83): 071-17-30.2 W ASR No.: N/A Ground Elev: 88.0
- Loc. 2** Address: 50 ARCAND DR
City: LOWELL County: MIDDLESEX State: MA
Lat (NAD83): 42-38-47.3 N Long (NAD83): 071-18-49.2 W ASR No.: N/A Ground Elev: 24.0
- Loc. 3** Area of operation
Statewide: MA
- Loc. 4** Address: 191 MT PLEASANT ST
City: LOWELL County: MIDDLESEX State: MA
Lat (NAD83): 42-39-20.0 N Long (NAD83): 071-17-31.1 W ASR No.: Ground Elev: 93.0
- Loc. 5** Address: 295 VARNUM AVE
City: LOWELL County: MIDDLESEX State: MA
Lat (NAD83): 42-38-49.5 N Long (NAD83): 071-20-29.5 W ASR No.: Ground Elev: 47.9
- Loc. 6** Address: 370 JACKSON ST
City: LOWELL County: MIDDLESEX State: MA
Lat (NAD83): 42-38-25.0 N Long (NAD83): 071-18-55.0 W ASR No.: Ground Elev: 31.7

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.

Licensee Name: LOWELL, CITY OF

Call Sign: WPLX746

File Number:

Print Date:

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	000484.95000000	FB2	1		11K2F3E 11K3F3E 8K10F1D 8K10F1E	30.000	59.000	26.0	6.0	
2	1	000484.95000000	FB	1		11K2F3E 11K3F3E 8K10F1D 8K10F1E	20.000	40.000	28.0	6.0	
2	1	000487.42500000	FX1	1		11K2F3E 11K3F3E 8K10F1D 8K10F1E	20.000	40.000	28.0	6.0	
2	1	000487.95000000	FX1	1		11K2F3E 11K3F3E 8K10F1D 8K10F1E	20.000	40.000	28.0	6.0	
3	1	000484.95000000	MO	125		11K2F3E 11K3F3E 8K10F1D 8K10F1E	30.000	30.000			
3	1	000487.42500000	MO	125		11K2F3E 11K3F3E 8K10F1D 8K10F1E	30.000	30.000			
3	1	000487.95000000	MO	125		11K2F3E 11K3F3E 8K10F1D 8K10F1E	30.000	30.000			
4	1	000484.95000000	FB2	1		11K2F3E 11K3F3E 8K10F1D 8K10F1E	10.000	15.000	45.7	89.8	10-31-2023
4	1	000484.95000000	FB	1		11K2F3E 11K3F3E 8K10F1D 8K10F1E	10.000	15.000	45.7	89.8	10-31-2023

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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
5	1	000484.95000000	FB2	1		11K2F3E 11K3F3E 8K10F1D 8K10F1E	10.000	15.000	30.5	25.6	10-31-2023
5	1	000484.95000000	FB	1		11K2F3E 11K3F3E 8K10F1D 8K10F1E	10.000	15.000	30.5	25.6	10-31-2023
6	1	000484.95000000	FB	1		11K2F3E 11K3F3E 8K10F1D 8K10F1E	22.000	35.000	48.8	30.6	10-31-2023
6	1	000484.95000000	FB2	1		11K2F3E 11K3F3E 8K10F1D 8K10F1E	22.000	35.000	48.8	30.6	10-31-2023

Control Points

Control Pt. No. 1

Address: 50 ARCAND DR

City: LOWELL **County:** MIDDLESEX **State:** MA **Telephone Number:** (978)995-6433

Associated Call Signs

<NA>

Waivers/Conditions:

Waiver of rule 90.307(d) granted October 31, 2022 to permit base station on locations 4, 5 and 6 to operate less than distance listed under 90.307(d) to adjacent channel TV station WPXQ-TV.