

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WS9XHX

(Call Sign)

XT FX MO

(Class of Station)

1008-EX-ST-2021

(File Number)

NAME Flint Hills Resources Pine Bend LLC

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

To test Motorola TETRA handhelds.

Station Locations

- (1) Inver Grove Heights (DAKOTA), MN - NL 44-46-36; WL 93-02-23; MOBILE: , within 8 km, centered around NL 44-46-36; WL 93-02-23

Frequency Information

Inver Grove Heights (DAKOTA), MN - NL 44-46-36; WL 93-02-23; MOBILE: , within 8 km, centered around NL 44-46-36; WL 93-02-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
454.2125-454.2375 MHz	FX	22K0D7W 22K0D7D 22K0D7E	5 W (ERP)	100 %
454.3625-454.3875 MHz	FX	22K0D7W 22K0D7D	5 W (ERP)	100 %

This authorization effective July 15, 2021 and
will expire 3:00 A.M. EST January 16, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Inver Grove Heights (DAKOTA), MN - NL 44-46-36; WL 93-02-23; MOBILE: , within 8 km, centered around NL 44-46-36; WL 93-02-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
454.3625-454.3875 MHz	FX	22K0D7E	5 W (ERP)	100 %
454.4375-454.4625 MHz	FX	22K0D7W 22K0D7D 22K0D7E	5 W (ERP)	100 %
454.5625-454.5875 MHz	FX	22K0D7D 22K0D7E 22K0D7W	5 W (ERP)	100 %
454.6375-454.6625 MHz	FX	22K0D7W 22K0D7D 22K0D7E	5 W (ERP)	100 %
459.2125-459.2375 MHz	MO	22K0DXW	1.8 W (ERP)	100 %
459.3625-459.3875 MHz	MO	22K0DXW	1.8 W (ERP)	100 %
459.4375-459.4625 MHz	MO	22K0DXW	1.8 W (ERP)	100 %
459.5625-459.5875 MHz	MO	22K0DXW	1.8 W (ERP)	100 %
459.6375-459.6625 MHz	MO	22K0DXW	1.8 W (ERP)	100 %

Frequency Information

Inver Grove Heights (DAKOTA), MN - NL 44-46-36; WL 93-02-23; MOBILE: , within 8 km, centered around NL 44-46-36; WL 93-02-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
460.1 MHz	FX	22K0D7D 22K0D7E 22K0D7W	5 W (ERP)	100 %
460.25 MHz	FX	22K0D7D 22K0D7W 22K0D7E	5 W (ERP)	100 %
460.525 MHz	FX	22K0D7W 22K0D7D 22K0D7E	5 W (ERP)	100 %
465.1 MHz	MO	22K0DXW	1.8 W (ERP)	100 %
465.25 MHz	MO	22K0DXW	1.8 W (ERP)	100 %
465.525 MHz	MO	22K0DXW	1.8 W (ERP)	100 %

Special Conditions:

- (1) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (4) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
- Mobile Service licensees in 454 MHz/459 MHz
 - General Aviation Air-Ground Service in 454 MHz/459 MHz