

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WE9XBL

(Call Sign)

0154-EX-ST-2010

(File Number)

NAME United Water

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 on remote water metering and its propagation characteristics.

Station Locations

- (1) Boise (BOISE), ID - NL 43-33-17; WL 116-07-40
- (2) Riverdale, NJ - NL 41-02-08; WL 74-00-57
- (3) Hackensack, NJ - NL 40-54-03; WL 74-02-18
- (4) Ridgefield, NJ - NL 40-49-24; WL 73-59-55

Frequency Information

Boise (BOISE), ID - NL 43-33-17; WL 116-07-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
169.44375 MHz	FX	12K5F2D	86.2 mW (ERP)	

This authorization effective May 07, 2010 and
will expire 3:00 A.M. EST August 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Riverdale, NJ - NL 41-02-08; WL 74-00-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
169.44375 MHz	FX	12K5F2D	86.2 mW (ERP)	

Hackensack, NJ - NL 40-54-03; WL 74-02-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
169.44375 MHz	FX	12K5F2D	86.2 mW (ERP)	

Ridgefield, NJ - NL 40-49-24; WL 73-59-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
169.44375 MHz	FX	12K5F2D	86.2 mW (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Licensee should note that this frequency used for this experimental operation is in a heavily used Federal Band allocated for Fixed and Mobile operations. Additionally, this specific frequency is used for wildlife telemetry. A different band should be selected for permanent operations.
- (3) The use of 169.44375 MHz is for testing only, and operational equipment for U.S. will be developed in a different band. This frequency is only to determine propagation and performance testing of equipment using U.S. water systems.