

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WD2XDE

(Call Sign)

XD FX

(Class of Station)

0075-EX-RR-2007

(File Number)

NAME New Mexico, State of: Office of the State Engineer

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

- (1) Archuleta Ditch (SAN JUAN), NM - NL 36-48-25; WL 107-41-10
- (2) Citizens Ditch (SAN JUAN), NM - NL 36-47-30; WL 107-43-01
- (3) Eledge Mill Ditch (SAN JUAN), NM - NL 36-49-24; WL 108-00-32
- (4) Echo Ditch (SAN JUAN), NM - NL 36-44-55; WL 108-08-58
- (5) Farmers Mutual Animus Riv (SAN JUAN), NM - NL 36-42-53; WL 108-12-58
- (6) Farmers Mutual, San Juan Riv (SAN JUAN), NM - NL 36-43-49; WL 108-17-26
- (7) Hammond Canal Ditch (SAN JUAN), NM - NL 36-44-38; WL 107-48-42
- (8) Jaquez Ditch (SAN JUAN), NM - NL 36-45-33; WL 107-46-24
- (9) Jewett Valley Ditch (SAN JUAN), NM - NL 36-44-46; WL 108-27-04
- (10) Kello Blancett Ditch (SAN JUAN), NM - NL 36-48-50; WL 108-01-00
- (11) Lower Animus Ditch (SAN JUAN), NM - NL 36-52-09; WL 107-57-56
- (12) La Pumpa Ditch (SAN JUAN), NM - NL 36-46-17; WL 107-44-29
- (13) North Farmington Ditch (SAN JUAN), NM - NL 36-44-25; WL 108-10-10
- (14) Ranchman's (Terrell) Ditch (SAN JUAN), NM - NL 36-47-11; WL 108-05-11
- (15) Turley Ditch (SAN JUAN), NM - NL 36-45-35; WL 107-44-45
- (16) Willett Ditch (SAN JUAN), NM - NL 36-43-52; WL 108-10-50
- (17) Wright Leggett Ditch (SAN JUAN), NM - NL 36-43-46; WL 108-12-07
- (18) Aztec Ditch (SAN JUAN), NM - NL 36-54-36; WL 107-54-50
- (19) Cedar Hill Ditch (SAN JUAN), NM - NL 36-56-47; WL 107-52-51
- (20) Cunningham Ditch (SAN JUAN), NM - NL 36-57-00; WL 108-11-11
- (21) Farmers Ditch (SAN JUAN), NM - NL 36-52-05; WL 107-58-15
- (22) Greenhorn Ditch (SAN JUAN), NM - NL 36-58-19; WL 108-11-29
- (23) Helton Ditch (SAN JUAN), NM - NL 36-54-36; WL 108-10-46
- (24) Halford Ditch (SAN JUAN), NM - NL 36-48-31; WL 108-02-50
- (25) Highland Park Ditch (SAN JUAN), NM - NL 36-57-54; WL 108-11-31

This authorization effective July 01, 2007 and
will expire 3:00 A.M. EST July 01, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Station Locations

- (26) Hillside Thomas Ditch (SAN JUAN), NM - NL 36-59-24; WL 108-11-23
- (27) Independent Ditch (SAN JUAN), NM - NL 36-46-42; WL 108-07-33
- (28) Jackson Ditch (SAN JUAN), NM - NL 36-51-48; WL 108-12-10
- (29) Left Hand Ditch (SAN JUAN), NM - NL 36-55-26; WL 108-10-50
- (30) Larkin Reynolds Ditch (SAN JUAN), NM - NL 36-56-26; WL 108-11-26
- (31) La Plata Indian Ditch (SAN JUAN), NM - NL 36-57-50; WL 108-11-26
- (32) McDermott Ditch (SAN JUAN), NM - NL 36-55-45; WL 108-11-09
- (33) Pickering Ditch (SAN JUAN), NM - NL 36-48-54; WL 108-13-06
- (34) Ralston Ditch (SAN JUAN), NM - NL 36-58-59; WL 107-52-02
- (35) Sargent Ditch (SAN JUAN), NM - NL 36-53-17; WL 107-56-58
- (36) Twin Rocks Ditch (SAN JUAN), NM - NL 36-59-59; WL 107-52-09

Frequency Information

Archuleta Ditch (SAN JUAN), NM - NL 36-48-25; WL 107-41-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Citizens Ditch (SAN JUAN), NM - NL 36-47-30; WL 107-43-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Eledge Mill Ditch (SAN JUAN), NM - NL 36-49-24; WL 108-00-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Frequency Information

Echo Ditch (SAN JUAN), NM - NL 36-44-55; WL 108-08-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Farmers Mutual Animus Riv (SAN JUAN), NM - NL 36-42-53; WL 108-12-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Farmers Mutual, San Juan Riv (SAN JUAN), NM - NL 36-43-49; WL 108-17-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Hammond Canal Ditch (SAN JUAN), NM - NL 36-44-38; WL 107-48-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Frequency Information

Jaquez Ditch (SAN JUAN), NM - NL 36-45-33; WL 107-46-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Jewett Valley Ditch (SAN JUAN), NM - NL 36-44-46; WL 108-27-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Kello Blancett Ditch (SAN JUAN), NM - NL 36-48-50; WL 108-01-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Lower Animus Ditch (SAN JUAN), NM - NL 36-52-09; WL 107-57-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Frequency Information

La Pumpa Ditch (SAN JUAN), NM - NL 36-46-17; WL 107-44-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

North Farmington Ditch (SAN JUAN), NM - NL 36-44-25; WL 108-10-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Ranchman's (Terrell) Ditch (SAN JUAN), NM - NL 36-47-11; WL 108-05-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Turley Ditch (SAN JUAN), NM - NL 36-45-35; WL 107-44-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Frequency Information

Willett Ditch (SAN JUAN), NM - NL 36-43-52; WL 108-10-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Wright Leggett Ditch (SAN JUAN), NM - NL 36-43-46; WL 108-12-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Aztec Ditch (SAN JUAN), NM - NL 36-54-36; WL 107-54-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Cedar Hill Ditch (SAN JUAN), NM - NL 36-56-47; WL 107-52-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Frequency Information

Cunningham Ditch (SAN JUAN), NM - NL 36-57-00; WL 108-11-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Farmers Ditch (SAN JUAN), NM - NL 36-52-05; WL 107-58-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Greenhorn Ditch (SAN JUAN), NM - NL 36-58-19; WL 108-11-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Helton Ditch (SAN JUAN), NM - NL 36-54-36; WL 108-10-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Frequency Information

Halford Ditch (SAN JUAN), NM - NL 36-48-31; WL 108-02-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Highland Park Ditch (SAN JUAN), NM - NL 36-57-54; WL 108-11-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Hillside Thomas Ditch (SAN JUAN), NM - NL 36-59-24; WL 108-11-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Independent Ditch (SAN JUAN), NM - NL 36-46-42; WL 108-07-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Frequency Information

Jackson Ditch (SAN JUAN), NM - NL 36-51-48; WL 108-12-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Left Hand Ditch (SAN JUAN), NM - NL 36-55-26; WL 108-10-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Larkin Reynolds Ditch (SAN JUAN), NM - NL 36-56-26; WL 108-11-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

La Plata Indian Ditch (SAN JUAN), NM - NL 36-57-50; WL 108-11-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Frequency Information

McDermott Ditch (SAN JUAN), NM - NL 36-55-45; WL 108-11-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Pickering Ditch (SAN JUAN), NM - NL 36-48-54; WL 108-13-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Ralston Ditch (SAN JUAN), NM - NL 36-58-59; WL 107-52-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Sargent Ditch (SAN JUAN), NM - NL 36-53-17; WL 107-56-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (ERP)	

Frequency Information

Twin Rocks Ditch (SAN JUAN), NM - NL 36-59-59; WL 107-52-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.9575 MHz	FX	1K50G1D	72 W (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) POINT OF COMMUNICATION: GOES Satellite
- (4) Subject to coordination and scheduling with Mr. Dane Clark; National Environmental Satellite, Data and Information Service (NESDIS), U.S. Dept. of Commerce; Direct Services Division (E/SP3); Room 3340 FB4 NOAA; 5200 Auth Road; Suitland, MD 20746-4304; telephone (301) 457-5681.