



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Authorizing Official:



Official Mailing Address:

FOUR RIVERS COMMUNITY BROADCASTING CORPORATION  
 PO BOX 17  
 HARLEYSVILLE PA 19438

Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

Grant Date: March 16, 2021

This license expires 3:00 a.m.  
 local time, August 01, 2022.

Facility Id: 73347

Call Sign: WNPV

License File Number: BML-20201111AAA

This license modifies license no.: BL-19890802AE

Change operating status from Commercial to Non Commercial Education.

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 set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:  
 Local Standard Time (Non-Advanced)

Jan.	7:30 AM	5:00 PM	Jul.	4:45 AM	7:30 PM
Feb.	7:00 AM	5:30 PM	Aug.	5:15 AM	7:00 PM
Mar.	6:15 AM	6:00 PM	Sep.	5:45 AM	6:15 PM
Apr.	5:30 AM	6:45 PM	Oct.	6:15 AM	5:30 PM
May	4:45 AM	7:15 PM	Nov.	6:45 AM	4:45 PM
Jun.	4:30 AM	7:30 PM	Dec.	7:15 AM	4:30 PM

Name of Licensee: FOUR RIVERS COMMUNITY BROADCASTING CORPORATION

Station Location: LANSDALE, PA

Frequency (kHz): 1440

Station Class: B

Antenna Coordinates:

Day

Latitude: N 40 Deg 14 Min 18 Sec

Longitude: W 75 Deg 19 Min 00 Sec

Night

Latitude: N 40 Deg 14 Min 18 Sec

Longitude: W 75 Deg 19 Min 00 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 2.5 Night: 0.5

Antenna Input Power (kW): Day: 2.7 Night: 0.541

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 7.35 Night: 3.29

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN
1	None
2	None

Night:

Tower No.	ASRN
1	None
2	None
3	None

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 471.19      Night: 223.22  
 Standard RMS (mV/m/km):    Day: 495.02      Night: 234.64  
 Augmented RMS (mV/m/km):  
 Q Factor:                              Day: 15.811      Night: 10

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	90.0
2	0.7800	60.000	170.0000	206.000	0	90.0

\* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	90.0
2	0.7280	183.660	100.0000	101.000	0	90.0
3	1.0000	26.000	100.0000	101.000	1	90.0

\* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	49	0.98

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
3	0	1
4	-167	0.625
5	31	0.95

Antenna Monitor: DELTA DAM-1(3-218)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
26	2.04	164
161	2.33	30.1
251	2.49	23.1

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
45	2.94	8.3
157	2.33	12.7
246	2.41	15.6
316	1.9	15.6

Special operating conditions or restrictions:

- 1 DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM  
 No. and Type of Elements: Five (5) vertical, guyed, series-excited, steel radiators of uniform cross section. Two are used for daytime, the other three are used for nighttime.
  
- 2 Ground System consists of 120 equally spaced buried copper 52.1 meters in length plus a 14.6 meters square copper ground screen at the base of each tower; intersecting radials are shortened and bonded.
  
- 3 \*\*\*NOTE TO PERMITTEE\*\*\*  
 Notwithstanding the grant of this construction permit or the expiration date specified herein, your station's license will automatically expire as a matter of law on May 2, 2021 if the station has not resumed broadcasting before that time. See Pub. Law No. 104-104, 110 Stat. 56, Section 403(1) (1996) and Order, Silent Station Authorizations, FCC 96-218 (released May 17, 1996). See also Public Notice, Expedited Processing of Applications Filed By Silent Stations, DA 96-818 (May 22, 1996).

## Special operating conditions or restrictions:

## 4 DIRECTION OF AND FIELD INTENSITY AT MONITORING POINTS

Direction of 45° True North. From transmitter building turn right on Snyder Road and proceed 0.4 miles to Valley Forge Road (State Route 363), turn left and proceed 1.1 miles to Main Street (State Route 63). Turn left on Main Street, proceed 0.2 miles to Squirrel Lane, turn right and proceed 0.6 miles to Peaceful Lane, turn left and proceed to #1114 (First house on right side). The Monitor Point is located at edge of road and the driveway of #1114 Peaceful Lane. The field intensity measured at this point should not exceed 8.3 mV/m, Nighttime.

Direction of 157° True North. From transmitter building turn right on Snyder Road and proceed 0.4 miles to Valley Forge Road (State Route 363), turn right and proceed 0.5 miles to Sumneytown Pike, turn left and proceed 0.8 miles to Broad Street. Turn right on Broad Street and proceed 0.2 miles to the entrance of Merck sharpe and Dohme on the left side of Broad Street. The monitor point is located in the center of the entrance road (Gross Divider), 50 feet from Broad Street. The field intensity measured at this point should not exceed 12.7 mV/m. Nighttime.

Direction of 246° True North. From transmitter building turn left on Snyder Road and proceed 0.35 miles to Troxell Road, turn left and continue 0.5 miles to Sumneytown Pike, turn left and proceed 0.05 miles to Kriebel Road, turn right and proceed 0.75 miles to Pheasant Hill Road. Turn right and proceed 0.3 miles to #2078 Pheasant Hill Road. The Monitor Point is located opposite #2078 at the roadside. The field intensity measured at this point should not exceed 15.6 mV/m, Nighttime.

Direction of 316° True North. From transmitter building turn left on Snyder Road and proceed 0.35 miles to Troxell Road, turn left and proceed 0.07 miles to Keeler Road, turn right on Keeler Road and drive 0.4 miles to Quarry Road, turn left and proceed 0.4 miles to Edwards Drive, turn right and proceed 0.05 miles to Morgandale Drive, turn left and proceed to #202 Morgandale Drive. The monitor point is located on the grass five feet from the road across from #202 Morgandale Drive. The field intensity measured at this point should not exceed 15.6 mV/m, Nighttime.

Direction of 26° True North. From transmitter building turn left on Snyder Road and proceed 0.35 miles to Troxell Road, turn right and proceed 0.8 mile to Allentown Road, turn right and proceed 0.05 miles to Orvilla Road, turn left and proceed 0.55 miles to Plains Mennonite Meeting House. The monitor point is in the rear parking lot of the Meeting House where the asphalt and the grass meet 75 feet back from the cemetery side of the Meeting House. The field intensity measured at this point should not exceed 164 mV/m, Daytime.

Direction of 161° True North. From transmitter building turn right on Snyder Road and proceed 0.4 miles to Valley Forge Road (State Road 363), turn right and proceed 0.5 miles to Sumneytown Pike, turn left and proceed 0.8 miles to Broad Street, turn right and proceed 0.3 miles to driveway to farm on righthand side of street. The monitor point is located on righthand side of stone drive 75 feet from Broad Street. The field intensity measured at this point should not exceed 30.1 mV/m, Daytime.

Direction of 251° True North. From transmitter building turn left on Snyder Road and proceed 0.35 miles to Troxell Road, turn left and proceed 0.5 mile to Sumneytown Pike, turn left and proceed 0.05 miles to Kriebel Road, turn right and proceed 0.75 miles to Pleasant Hill Road, turn right and proceed 0.5 miles to 2140 Pleasant Hill Road. The monitor point is near the split rail fence at the edge of the road in front of #2140. The field intensity measured at this point should not exceed 22.1 mV/m, Daytime.

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Special operating conditions or restrictions:  
exceed 43.1 mv/m, daytime.

\*\*\* END OF AUTHORIZATION \*\*\*