



United States of America
FEDERAL COMMUNICATIONS COMMISSION
DIGITAL TELEVISION
DISTRIBUTED TRANSMISSION SYSTEM
CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

SHENANDOAH VALLEY EDUCATIONAL TELEVISION COF
298 PORT REPUBLIC ROAD

HARRISONBURG VA 22801

Kevin R. Harding
Associate Chief
Video Division
Media Bureau

Facility Id: 66378

Analog TSID: 3026

Digital TSID: 3027

Call Sign: WVPY

Permit File Number: BPEDT-20120321AAF

Grant Date: April 04, 2012

This permit expires 3:00 a.m.
local time, 36 months after the
grant date specified above.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of Permittee: SHENANDOAH VALLEY EDUCATIONAL TELEVISION CORPORATION

Station Location: VA-FRONT ROYAL

Frequency (MHz): 512 - 518

Channel: 21

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 38 deg 57 min 36 sec

West Longitude: 78 deg 19 min 52 sec

Callsign: WVPY

Permit No.: BPEDT-20120321AAF

DTS Site Number: 2

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

Antenna type: (directional or non-directional): Directional

Description: SCA, CL-1469

Major lobe directions 0
(degrees true):

Antenna Coordinates: North Latitude: 38 deg 36 min 31 sec

West Longitude: 78 deg 54 min 07 sec

Transmitter output power: As required to achieve authorized ERP.

Maximum effective radiated power (Average): 0.1 kW
-10 DBK

Height of radiation center above ground: 40 Meters

Height of radiation center above mean sea level: 680 Meters

Height of radiation center above average terrain: 175 Meters

Antenna structure registration number: None

Overall height of antenna structure above ground: 50 meters.

Callsign: WVPY

Permit No.: BPEDT-20120321AAF

DTS Site Number: 3

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

Antenna type: (directional or non-directional): Directional

Description: SCA, CL-1469

Major lobe directions 100
(degrees true):

Antenna Coordinates: North Latitude: 38 deg 36 min 05 sec

West Longitude: 78 deg 37 min 58 sec

Transmitter output power: As required to achieve authorized ERP.

Maximum effective radiated power (Average): 0.098 kW
-10.1 DBK

Height of radiation center above ground: 59 Meters

Height of radiation center above mean sea level: 958 Meters

Height of radiation center above average terrain: 580 Meters

Antenna structure registration number: 1018206

Overall height of antenna structure above ground (including obstruct lighting if any) see the registration for this antenna structure.

Callsign: WVPY

Permit No.: BPEDT-20120321AAF

DTS Site Number: 4

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

Antenna type: (directional or non-directional): Directional

Description: SCA, CL-1469

Major lobe directions 170
(degrees true):

Antenna Coordinates: North Latitude: 38 deg 28 min 43 sec

West Longitude: 78 deg 24 min 58 sec

Transmitter output power: As required to achieve authorized ERP.

Maximum effective radiated power (Average): 0.039 kW
-14.1 DBK

Height of radiation center above ground: 16 Meters

Height of radiation center above mean sea level: 1190 Meters

Height of radiation center above average terrain: 637 Meters

Antenna structure registration number: None

Overall height of antenna structure above ground: 17 meters.

Special operating conditions or restrictions:

- 1 The grant of this construction permit is subject to the condition that, with ample time before commencing operation, you make a good faith effort to identify and notify health care facilities (e.g., hospitals, nursing homes, see 47 CFR 15.242(a)(1)) within your service area potentially affected by your DTV operations. Contact with state and/or local hospital associations and local governmental health care licensing authorities may prove helpful in this process. During this pre-broadcast period, you must provide all notified entities with relevant technical details of your operation, such as DTV channel, targeted on-air date, effective radiated power, antenna location, and antenna height. You are required to place in the station's public inspection file documentation of the notifications and contacts made and you may not commence operations until good faith efforts have been made to notify affected health care facilities. During this pre-broadcast period and for up to twenty (20) days after commencing operations, should you become aware of any instances of medical devices malfunctioning or that such devices are likely to malfunction due to your DTV operations, you must cooperate with the health care facility so that it is afforded a reasonable opportunity to resolve the interference problem. At such time as all provisions of this condition have been fulfilled, and either upon the expiration of twenty (20) days following commencement of operations or when all known interference problems have been resolved, whichever is later, this condition lapses.

*** END OF AUTHORIZATION ***