



NATIONAL RADIO ASTRONOMY OBSERVATORY

POST OFFICE BOX 2
GREEN BANK, WV 24944-0002
NRQZ OFFICE TELEPHONE (304) 456-2107
HTTP://WWW.GB.NRAO.EDU/

FAX (304) 456-2276
NRQZ@NRAO.EDU

May 18, 2022
Page 1 of 2
NRQZ ID: 220503D

A. Wray Fitch III, President
Rising Tide Broadcasting Inc.
6139 Franklin Park Road
McLean, VA 22101

Application Reason/Purpose	Prior coordination notification
File Number	220503D
Applicant Name	Rising Tide Broadcasting Inc.
Call Sign	['0']
Site Name or Loc	['Greenville, VA channel 217']
Previous NRAO Coordination No.	
Current NRAO Coordination No.	220503D

Dear Applicant:

The National Radio Quiet Zone (NRQZ) has evaluated these facilities to determine the interference impact on our highly sensitive radio astronomy operations.

The NRQZ Office requests that:

1. This Letter of Concurrence be attached to the FCC application.
2. The FCC application should indicate to the FCC that the assignment should be modified to include the current NRQZ ID in the supplementary details line (e.g. "SUP: NRQZ COORD COMPLETE 2022 MAY 18/NRQZ ID 220503D").
3. The applicant provides the NRQZ Office (nrqz@nrao.edu) with notice of its official filing with the FCC per section 47CFR1.924 (a) (2).
4. The FCC should email the NSF Electromagnetic Spectrum Management Unit (esm@nsf.gov) when the supplemental details have been modified to include the NRQZ ID as this will facilitate faster approval of the application.



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The National Radio Astronomy Observatory (NRAO) site located at Green Bank, Pocahontas County, WV, has no objection to this frequency assignment.

The Sugar Grove Research Station, the former Naval Radio Research Observatory (NRRO), located at Sugar Grove, Pendleton County, WV has no objections to this frequency assignment.

This letter constitutes coordination of assignment in the National Radio Quiet Zone as required by the FCC Rules and Regulations 47CFR1.924.

If I may be of assistance, please feel free to contact me.

Sincerest regards,

Sheldon Wasik
NRQZ Program Administrator

cc: nrqz@nrao.edu, esm@nsf.gov, Sugar Grove Research Station Spectrum Management Group

Attachments: Site Specific Data

This concurrence remains valid provided the data contained within is consistent with the applicant's filing at the Commission. Any discrepancy in system parameters, such as geographical coordinates (Latitude, Longitude, AMSL), antenna height above ground level (AGL), antenna gains or directivity (orientation), channel (operating frequency or frequency bands), emission type, and power requires re-coordination. If the Commission has questions regarding the validity of this or any concurrence, please direct inquiries to nrqz@nrao.edu or 304-456-2107.

NROZ ID	Site Name	Lat N NAD83	Lon W NAD83	MSL (m)	Max TX Pwr (W)	# TX per Sector	# TX per Facility	Freq Low (MHz)	Freq High (MHz)	Bandwidth (MHz)	Max Gain (dBi)	Antenna Model	AGL (m)	Az ° True	Mechanical-DT	Electrical-DT	Max eRPd of facility (W)	NRAO ERPd Limit (W)
220503 D	Green ville, VA chann el 217	37 59 22.9 00	-79 10 57.00 0	559 .3	100.0	1	1	91.3	91.3	0.075	4.702	0	30 .7	310.7	0	0	180.0	9.0e+0 5