

From: [Tim Ames](#)
To: [Walter Dutcher](#)
Subject: RE: Low Power rural FM near Redwood NY proposal
Date: Friday, July 12, 2013 15:48:16

Walter,

I'm sorry it has taken so long for me to respond to your e-mail. I'm not aware of any broadcast proposals in this area. I don't believe that you would interfere with channel 6. Good luck with the grant.

Timothy Ames
Director of Technology/Chief Engineer
WPBS/WNPI-DT
1056 Arsenal St.
Watertown, NY 13601
315-782-3142 Ext 240
Fax 315-782-2491
<http://www.wpbstv.org/>

From: Walter Dutcher [mailto:wdutcher@tkcontrols.com]
Sent: Monday, June 10, 2013 7:50 PM
To: Tim Ames
Cc: Nicole Caldwell
Subject: Low Power rural FM near Redwood NY proposal

Mr. Ames, I am writing on behalf of the [Better Farm](#), executive director Nicole Caldwell is proposing to submit an Form 318 application for a low power FM station to be located at the premises of the farm on Cottage Hill Road near Redwood NY. I am a NYS licensed PE and a Ham radio operator with some background in the siting and transmission aspects of her proposal. But I would like to enlist your comments and perhaps involvement in the submission of the application to the FCC for the October 1st deadline. You may be aware of other proposals in the north country that could or should be considerate of each other and surrounding commercial radio/TV services.

Here is a snapshot of the technical specifications of the proposal at this time:

- We propose 100Watts
- Channel 203 (88.5 MHz)
- Antenna coordinates 44 18' 29" Latitude by 75 45' 09" W longitude
- No FAA structure registration should be needed for height
- Site elevation above sea level 97 meters
- Overall tower height 12 meters
- Height of radiation at 14 meters
- This station would be operated under power and height limitations
- No close proximity interference is expected, there is a DTV broadcast on 6.1 (CIII-DT) at 82.4 kilometers to the north
- We believe the proposed station would not interfere with TV channel 6, but we would like

your opinion on that

- This facility would have no environmental impact
- At 100 watts, the projected coverage area would be the Indian River Lakes area centered near Redwood NY with no propagation beyond a few miles in any direction.

Nicole Caldwell is preparing the FCC form 318 submission. She is also pursuing at least one grant to support purchase of the required equipment. We would very much appreciate your review and comment on the technical aspects of this proposal and of course any other comments from you or WPBS staff on any aspect of this proposal. Thank you very much for your time and consideration.



Walter Dutcher, P.E. N2ZVP
TK Controls, Inc
585-224-5581
w Dutcher@tkcontrols.com
www.tkcontrols.com