

Liberty Baptist Church

Rochester, IN

Fair Distribution of Service

The applicant certifies that it qualifies for Section 307(b) Fair Distribution of Service preferences in the following categories:

1st NCE Service. The proposed facility will serve a population of 16,250 and an area of 684.72 sq km within its 60dBμ service contour, and will provide a 1st NCE service to 3,351 persons (20.6%) and 320.56 sq km (46.8%).

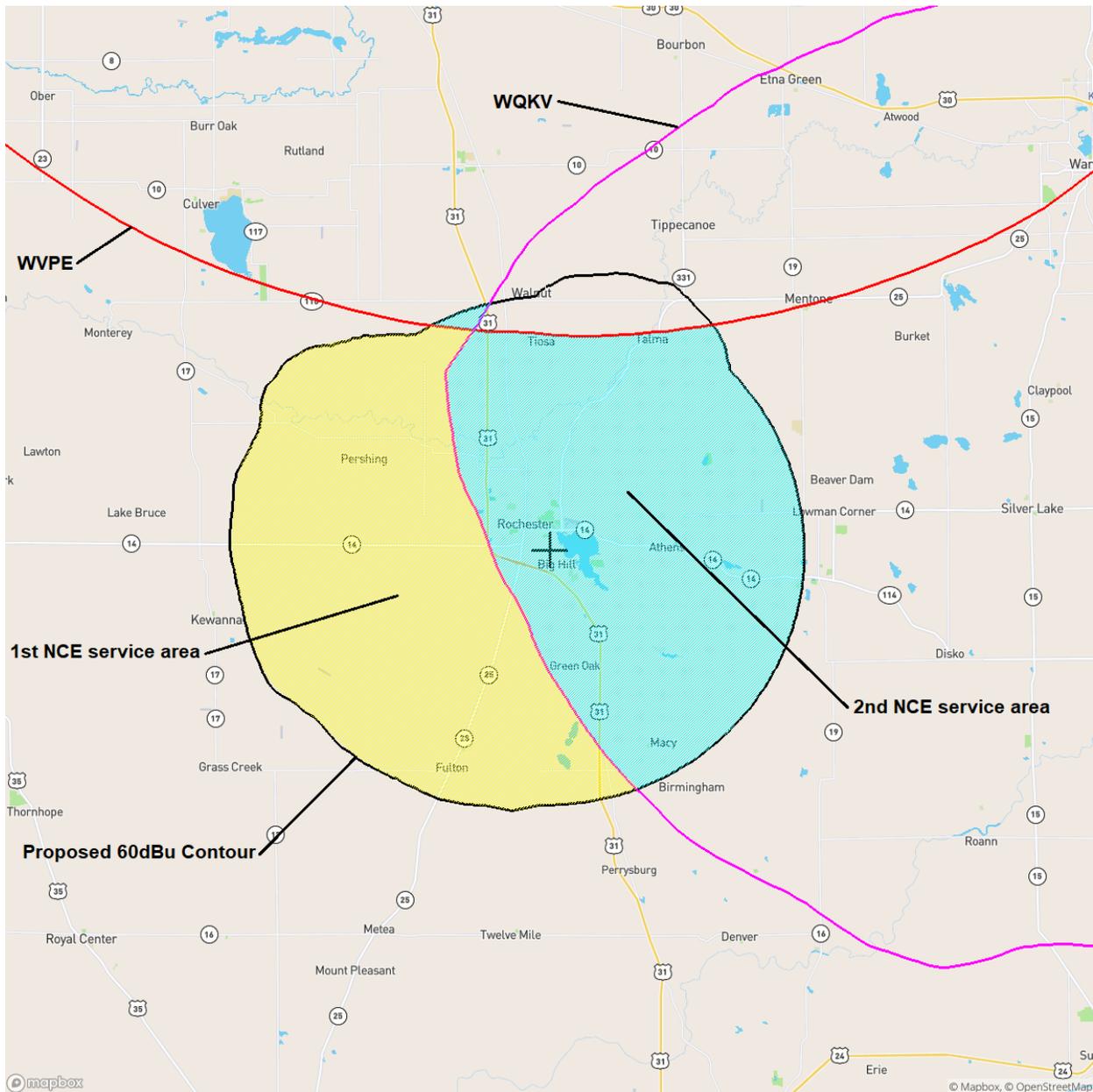
2nd NCE Service. The proposed facility will provide a 2nd NCE service to 12,422 persons (76.4%) and 333.72 sq km (48.7%).

Aggregate 1st and 2nd NCE Service. Adding both 1st and 2nd NCE service together, the proposed facility will provide coverage to 15,773 persons (97%) and 654.28 sq km (95.5%) of the proposed coverage area.

Stations considered:

STATIONS CONSIDERED						
-----OVERLAP-----						
CALLSIGN	CHAN	POPULATION	PCT	AREA	PCT	FAC ID
WVPE	201B	505	3.1	32.60 sq km	4.8	19365
WQKV	204B1	12,871	79.2	362.00 sq km	52.9	89586

The map below shows the area of coverage for both 1st NCE and 2nd NCE service:



Contour distances were calculated by using the contour calculation methods of 47 C.F.R. §73.313(c) referencing the NDGC 30 sec terrain database for elevation data, as implemented in the Commission's TVFMFS Fortran computer program. Contour distances from the proposed facility were calculated for each integral radial degree (360 total), with linear interpolation between values. Population data used block-level census populations from the US 2010 Census, counting all population using the centroid method approved by the Commission. Area was calculated by scanning for latitude/longitude points within the contour using a 0.04 sq km resolution, then adding the results together, excluding large bodies of water.