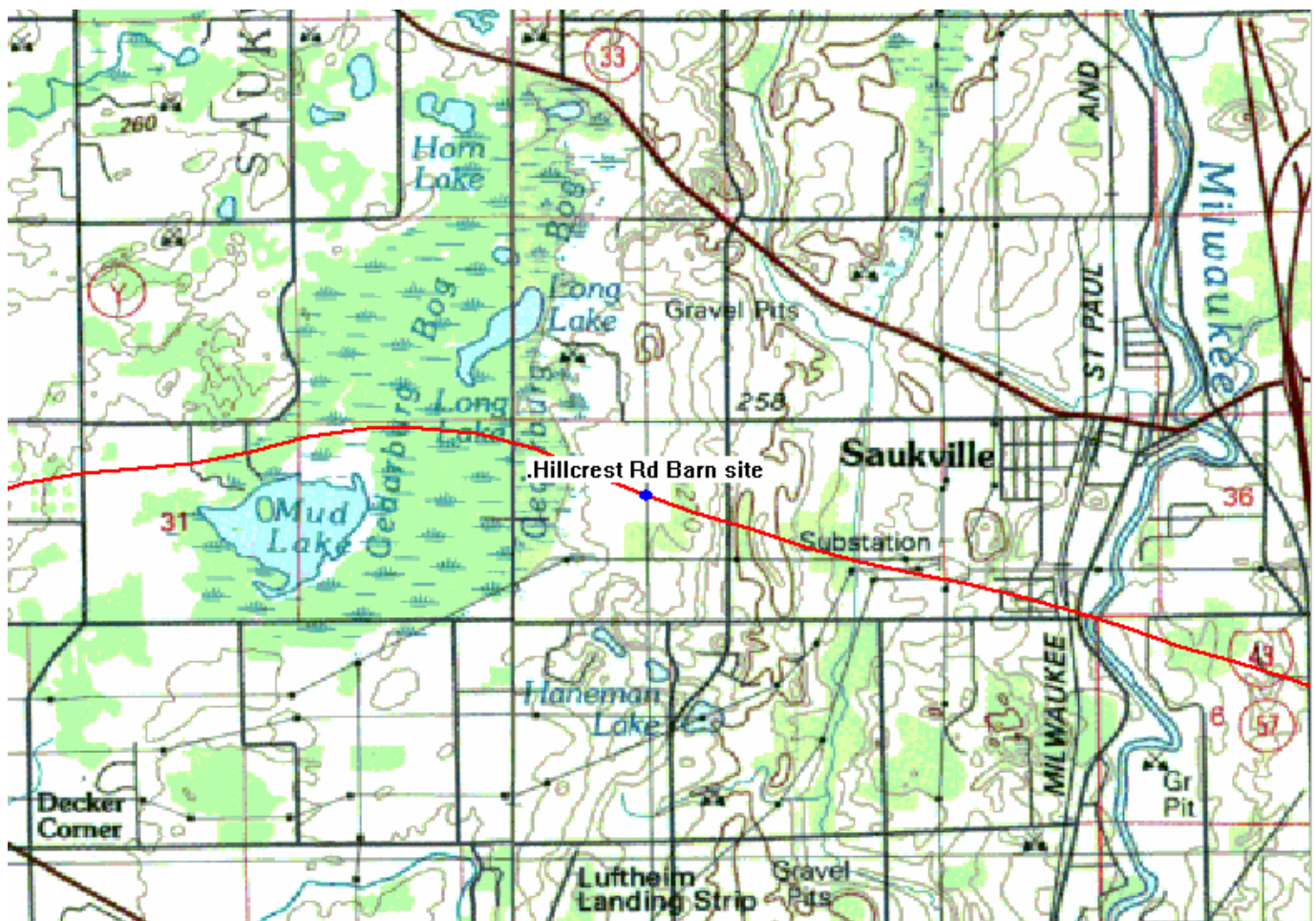


## WMYX-FM Interference

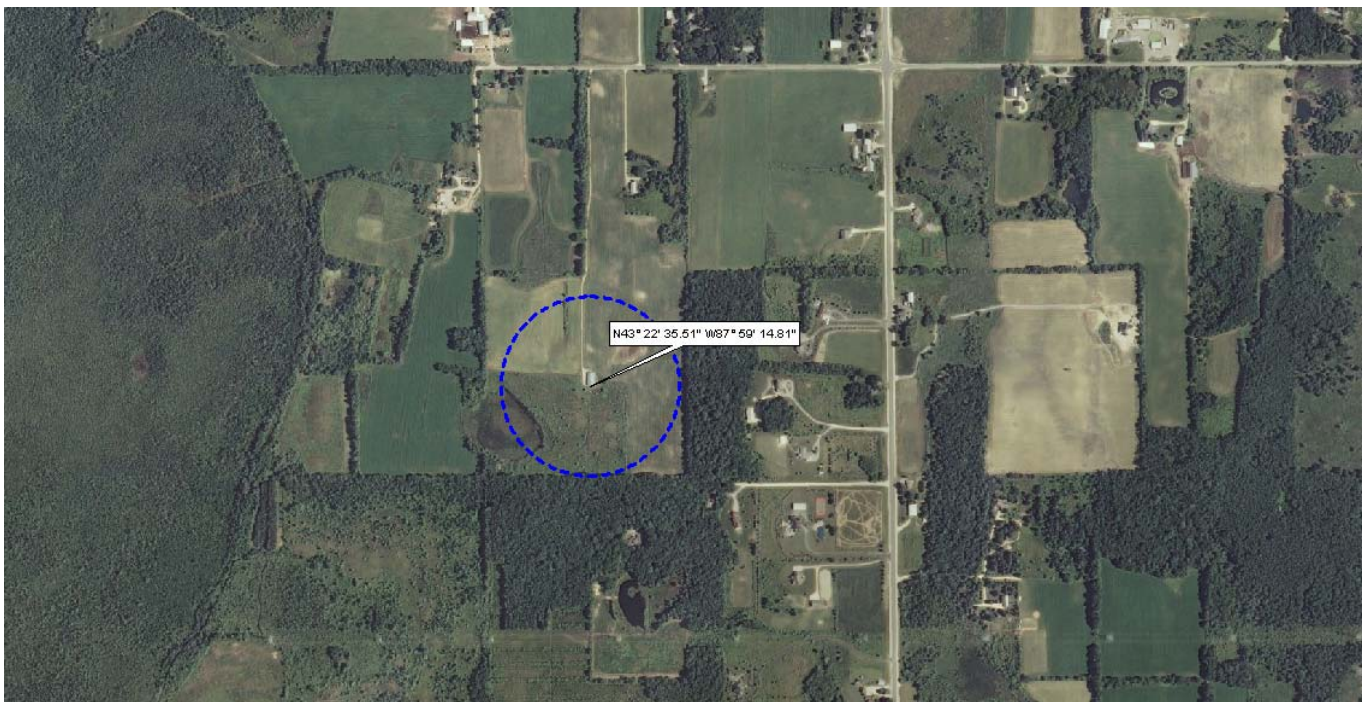
The site for the proposed facility is located within the protected contour on a channel which is third-adjacent to WMYX-FM, the affected station. We predict the affected station protected contour at the proposed site is 61.95 dBu F[50,50] as displayed in **Figure 1**. According to established third-adjacent channel contour Undesired-to-Desired (U/D) protection ratios, the contour from the interfering station should be 40 dB higher than the protected contour. Therefore the respective interfering contour for this proposed amendment is 101.95 dBu F[50,10].



**Figure 1**

## Protection to WMYX-FM from Interference

The predicted interfering contour at maximum radiation outward is 177.2 meters (Perimeter 1). Perimeter-1 is indicated by a blue dashed circle on a map based upon aerial photography in **Figure 2** to confirm proper location of the interference area. The only structure within Perimeter-1 is a metal barn, where the translator is located.

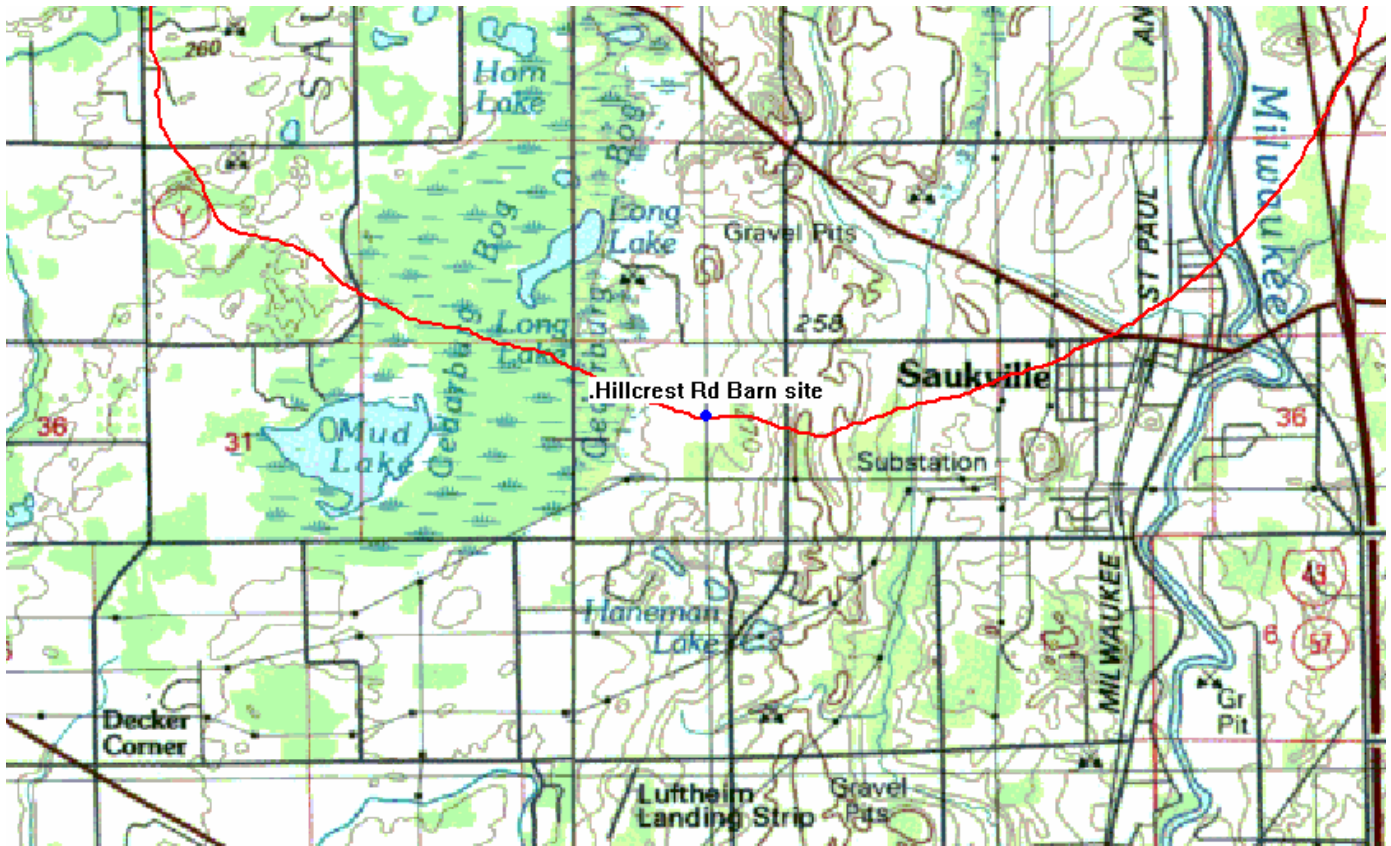


**Figure 2**

### WPJP Interference

The site for the proposed facility is located within the protected contour on a channel which is second-adjacent to WPJP, the affected station. We predict the affected station protected contour at the proposed site is 90.7 dBu F[50,50] as displayed in **Figure 1**. According to established second-adjacent channel contour Undesired-to-Desired (U/D) protection ratios, the contour from the interfering station should be 40 dB higher than the protected contour.

Therefore the respective interfering contour for this proposed amendment is 130.7 dBu F[50,10].



**Figure 3**

## **Protection to WPJP from Interference**

The predicted interfering contour at maximum radiation outward is 6.5 meters (Perimeter 2). The only structure within Perimeter-1 is a metal barn, where the translator is located.

## **Request for Waiver**

Since this proposal complies with 47CFR74.1204(d) based upon the fact that no actual interference will occur due to no population and no public locations within the areas of interference, we hereby request waiver of 47CFR74.1204(a)(3) for separation between this proposed facility and the affected station.