



Updated March 28, 2022

RE: Application for Enrollment into TPZ

Wildwood Conservation Foundation  
Attn: Ron Wood  
20111 Old Cazadero Road  
Guerneville CA 95546

Ron,

The following should go to the County with your Forest Management Plan. The County asked you to assess the forest to comply with TPZ stocking standards. This involves the measuring of trees per acre and diameters. We put in plots in early May as you know. The Forest Management Plan establishes 3 forest types. The following data is what the County will need to be presented with to ensure that the land complies with stocking standards:

1. As assessed during the forest inventory in May 2020, the land has been significantly damaged by a wildfire, likely in 1961 based on the increment cores and stumps which were cut. This fire damaged the site to the point that the current productivity is being affected still today from this hot fire. It is likely that low intensity fire prior to currently wildfire suppression techniques would have found that this land would be classified as site III or possibly IV ground (soil productivity). Today, based on the field measurements, the land is growing at a rate of site IV. Things may be possible in the future to help the land recover from this damage, but those assumptions aren't what the county has asked you for.
2. Based on site IV lands, a point count of 150 points per acre is needed to call this area timberland. The three forest vegetation types (on average) have the following points (based on the 2020 forest inventory).
  - D32 – 1,141 points based on the Board of Forestry Standards
  - RD33 – 839 points
  - HW – 1,173 points

The county's policy doesn't ask to split between conifer and hardwoods, so I have combined them for this discussion. The properties forests would also meet the stocking requirements of Site III land (300-point count) even though it has been damaged by fire in the past.

3. Based on the 2018 imagery of the county and the GIS layer that we created, there are 83 acres of conifer timberland and 109 acres of hardwood forests found on the property.
4. The property (APN's \_\_\_\_\_) is growing between 24 and 33 cubic feet of timber per acre annually based on growth measurements in the field. This exceeds the County's requirements of 15 cubic feet of annual growth per acre

All of these acres in timber exceed the minimum requirements of stocking based on what has been asked by the County of Sonoma under Section 51104(f). If you need any additional information, please let me know.

Sincerely,



**Matt Greene, RPF #2747**

