

2008 GRANT ST
APN 011-010-033

RECEIVED

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City of Calistoga

I find that the proposed project "MAY" have significant effect on the Environment and a
ENVIRONMENTAL IMPACT IS REQUIRED
KURT LARRECOU

CEQA ENVIRONMENTAL FACTORS AFFECTING THIS PROJECT THAT

ARE OF POTENTIALLY SIGNIFICANT EFFECT THAT WERE NOT CONSIDERED

GEOLOGICAL: The fact that this site is a historic " Aquifer" for nearby drinking Water Wells adjacent to the project was not mentioned in the Initial Study Circulation has been overlooked by the City of Calistoga Planning Department headed by Jeff Mitchem, Planning and Building Director.

The fact is Napa County should have been flagged by Jeff Mitchem , as it would have been more diligent in the fact of the actual oversight in regulating existing water wells

Napa County Environmental Division ,must be included as to their findings of Water Quality Monitoring of "Existing Water Wells" that are downstream of all potential factors

that may effect their sustainability of those wells.

There are many hazards from "untested soil" used for house pads and trench backfill. The most deleterious hazard to the unground aquifer would be "removing "and "grubbing" the many large tree's existing root's structure.

The contractor, has already asked by email to Calistoga Building Official to dump "ground" up concrete floors of a century old warehouses now stored uncovered at terminus of Grant and Wappo from demolition.

This hazard waste or any other untested materials must not be banked or used on the 2008 Grant St. site as it may foul ground water wells.

The site has project #7548.01.02 of RGH Consultants , had sent on 11/15 and 11/16, 2021 explore subsurface conditions by drilling 7 borings to depths 5 to 14 1/2 feet.

The Logs of their finding's stated they had encountered "Free Groundwater" at depths between 8' to 14 1/2' below the natural grade of the project.

This is the actual historic Aquifer that supplies the "Existing Wells" on Michael Way and Grant Street.

AIR QUALITY: The current non irrigated trees to be removed would have a major drastic oxygen production deficit that can not be mitigated .

A 100 foot 18 "DBH tree produces 6,000 lbs. of oxygen in fifty years, roughly the average production a year being 260 lbs.

The current tree canopy not only gives oxygen but shade from limbs, yearly organic soil nitrogen, does not have to be watered.

The sites biggest of all pecan tree's is 140 foot high and planted 140 years ago by the Fowler Brothers. The "life span" of a pecan tree is 300 years.

The oxygen benefit is in 20 thousand of pounds plus in its projected life.

The pecan tree has a "tap root that resembles a carrot and has wide lateral roots for stability.

The present depth of the "tap root" is 40 feet down as are the laterals that would be expensive to grub out as required by building code.

The fact is we have a deficit oxygen from the upper forest lands above us that no longer sends oxygen down the trade wind to this site and all of Calistoga from several years of forest fires over millions of acres The "Douglas-Fir" tree was a great source of oxygen for centuries .

The fact is the current tree removal will exacerbate Air-Quality ...

CULTURAL RESOURCES: The fact that the original Drinking Water source was an "Artesian Spring" 200 yards up from this project was a " Wappo" destination for thousand of years as they only drank water coming up in springs.

The 2008 Grant St. site holds a "stream "that would have provided Salmon and Steelhead Spawning from the Napa River.for the Wappo People for 5000 years.

The project requires 1602 LAKE AND STREAMBED ALTERATION AGREEMENT as it is by definition class three stream, by Fish and Game that existed 140 years to date

The project floods in wet years water sheets across the whole property

This project can "not start" without Cultural preliminary site study of A QUALIFIED PROFESSIONAL ARCHAEOLOGIST.

contact Napa County Conservation,Development for a Suitable Consultant's

Signed by Kurt Larrecou, Wappo Tribal Representative and Consultant

