

Santos, Steven A

From: Santos, Steven A
Sent: Friday, January 26, 2024 11:21 AM
To: Ricardo Gutierrez Bejar
Cc: Kristin Jesenko
Subject: RE: Questions about PLN-2022-17880 APN 551-141-015

Thanks your for responding to the project notice and sharing your concerns. The proposed project includes consolidating cultivation in a new structure. Based on your comments, I can add a term to the permit conditions requiring the building install odor mitigation technology.

Regarding the water, the proposed project will utilize three sources: 1) Reclaimed water; 2; Rainwater Catchment; and 3) A well. The well is proposed to provide 28% of the water usage or 170,800 gallons. An evaluation of well is part of the project review. There are several factor that are examined include the distance to other wells and other water sources such as surface water as well as the depth of the well and underlying geology. We also look at the potential groundwater recharge rate on the parcel from rainfall. Based on a USGS study, for northern California, approximately 34% of rainfall percolates into underlying aquifers. That translates to 175,000 to 530,000 gallons a year per acre of land with the low range representing data for drought years and the high range for average rain years. The recharge rate can be higher in above average rainfall years. For the 16 acre project parcel, there is approximately 2,800,000 to 8,480,000 gallons of aquifer recharge depending on whether it is a drought or average rainfall year. With well water usage at 170,800 gallons that represents 6.1% to 2% of the annual recharge occurring just on the parcel. So more water is going in then is coming out for cannabis irrigation. The proposed project permit will have conditions requiring a water meter on the well and monthly logs of water usage kept for examination during annual inspections.

Please let me know if you have additional questions.

Steven A. Santos
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From: Ricardo Gutierrez Bejar <dipu10@hotmail.com>
Sent: Friday, January 26, 2024 10:48 AM
To: Santos, Steven A <sasantos@co.humboldt.ca.us>
Cc: Kristin Jesenko <kjesenko@hotmail.com>
Subject: Questions about PLN-2022-17880 APN 551-141-015

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Hello Steven, my name is Ricardo Gutierrez and I'm a concerned neighbor about the proposal to grow the marijuana cultivation on 2260 Hooven Road.

My wife Kristin Jesenko and I have noticed a decrease in air quality since the property mentioned above started cultivating Marijuana a couple of years ago particularly during summer time where we are forced to

close our windows do to the palpable and pungent smell of marijuana in the air. We are wondering if the proposed cultivation is going to be subject to a revision on their current air filtration (if any) to mitigate the impact this is having in our property. Furthermore, we are worried their increased water usage will affect our well water production. An increase in usage of 490, 000 gallons a year is worrisome as we depend on our well to be able to do basic things like shower and have clean drinking water. Have any water production surveys been completed in order to ensure the sustainability of this proposal and the impacts it might have on our community?

A formal letter of concern will be submitted to the Humboldt County Planning and Building department.

I'm looking forward to hearing back from you and I thank you for your time.

Ricardo Gutierrez Bejar.