

HISTORICAL DISTURBANCE – MAJOR USE PERMIT UP 20-86; INITIAL STUDY IS 20-102

Ursa Valley, LLC's proposed cultivation operation is located on soils identified as "Unique Farmland" by the State Farmland Mapping and Monitoring Program. In the last three decades the area of Ursa Valley's proposed cultivation operation has been planted in walnut orchard, twice. Additionally, the annual grasses and herbs growing under the canopy of the walnut orchard have been mowed and/or heavily grazed, continuously over the last three decades. Vegetation in the area of the proposed cannabis cultivation operation can be classified as the "Deciduous Orchard" habitat type by the WHR (CDFW 2020), with the following Vegetation Community Types: Agricultural (Orchard) & Urbanized/Developed. The following Historical Disturbance Timeline was developed using Google Earth satellite imagery and from an interview with the current Property Manager.

HISTORICAL DISTURBANCE TIMELINE

- In the mid to late 1980s the Project Parcels were first planted in walnut orchard. Prior to then the Project Parcels were planted in hay and alfalfa (dry farmed).
- A mature irrigated walnut orchard can be seen on the Project Parcels, in all available satellite images from 1993 to 2006.
- Sometime between 2006 and 2009, a strip of the mature walnut orchard was removed to accommodate regional overhead powerlines that pass over/through the Project Property.
- In 2016, the mature walnut orchard of the Project Parcels was removed (including the tree's roots).
- 2017, the Project Parcels were then ripped, plowed, and planted with alfalfa nitrogen-fixing cover crop.
- In 2018, the Project Parcels were planted with irrigated walnut saplings.
- It is believed that grass cutting and/or grazing of the Project Parcels occurred prior to 2018, but we know that heavy grazing of the Project Parcels occurred in 2018 through present day.
- In 2019, the pump of the existing onsite groundwater well that provided irrigation water to the walnut samplings broke, and was not repaired until Ursa Valley started leasing the Project Property in late 2020. As a result, the walnut saplings died, and were therefore removed.



Heavily Grazed Grasses under Mature Walnut Orchard Canopy of Project Property (2020)



Heavily Grazed Grasses and Dead Walnut Saplings of Project Parcels



Lake County I.T. Dept., USDA, NRGCS

Lake County, CA

Ursa Valley - 2006

Web AppBuilder for ArcGIS



All parcel boundaries are approximate. Discrepancies in acreage, shape and location are common. This map is not the legal survey document to be used in single site determinations. Consult your deed for a legal parcel description.

Print Date: 4/9/2021



Lake County, CA

Ursa Valley - 2011

Web AppBuilder for ArcGIS



All parcel boundaries are approximate. Discrepancies in acreage, shape and location are common. This map is not the legal survey document to be used in single site determinations. Consult your deed for a legal parcel description.

Print Date: 4/9/2021



Lake County, CA

Ursa Valley - 2019

Web AppBuilder for ArcGIS



All parcel boundaries are approximate. Discrepancies in acreage, shape and location are common. This map is not the legal survey document to be used in single site determinations. Consult your deed for a legal parcel description.

Print Date: 4/9/2021