

## **Appendix E: Drought Management Plan**

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Liu Farm is applying for one Commercial Cannabis Cultivation Major Use Permit for seven A-Type 3's and one Type 3B in Lake County, California. Accordingly, Liu Farm proposes to implement the following Drought Management Plan.

### **E.1 PURPOSE**

The Drought Management Plan (DMP) has been designed respond to drought conditions and establish best management practices to ensure the plan is always followed, as well as in full compliance with applicable local, county, and state regulations.

Liu Farm's Drought Management Plan includes measures to monitor and evaluate the performance of the plan, as well as ensure that all data and information is reported to the County of Lake and appropriate local and state agencies.

### **E.2 Scope**

The Liu Farm Water Use Management Plan focuses on the following:

- Response to drought conditions effecting the projects water source.
- Meeting all legal requirements for the use of water resources located on the property during drought conditions and providing documentation of legal compliance;
- Outline actions to be taken should the project face an emergency order to reduce the projects water use.
- Identify alternate water sources should an order be given to reduce or halt use of the on-site water resources.
- Establish a process to log and report the source and quantity of off site water resources used for the project.

### **E.3 Overview**

Liu Farm's commissioned a Ground Water Hydrologic Report in compliance with Ordinance 3106, specific to Section One, Part A, in September of 2021. The report was produced by Lundorff & Scalmanini Consulting Engineers. It indicates the projects water source has sufficient capacity to supply the project.

In the event Liu Farm's is ordered to reduce or halt drawing groundwater from the projects on-site water source, it is the intent of Liu Farm's to immediately comply with said order. Compliance with such an order may require Liu Farm's to reduce the scale of their operations or halt them all together until the Drought Emergency has subsided.

In accordance with the Water Management Plan provided by Liu Farm's, "Liu Farm will not engage in any unlawful drawing of surface water. Liu Farm will not use water provided by a public water supply, unlawful water diversions, bottled water, a water vending machine, or a retail water facility. The property is outside any County Water District "Exclusion Areas." Liu Farm will use water transportation trucks if needed or in an extreme emergency."

#### **E.4 Emergency Drought Order Response**

Liu Farm's response to an order from the County to reduce or halt the water drawn from the projects identified water source would vary dependent upon the magnitude of the order. Compliance with the order would align with the effective date of said order.

To make up for any deficiency of water created by a County Water Use Reduction Order, efforts would be made to deliver water to the project using water transport trucks. The water would be sourced through a licensed retail water supplier as defined by Section 13575 of the Water Code. Liu Farm's will maintain log's identifying the source of any water imported to the property and will make such logs available to the County upon request. Further Liu Farm's will provide the following information to the appropriate Water Board official within 7 days:

- A description of the emergency;
- Identification of the retail water supplier including license number;
- Volume of water supplied;
- Actions taken to prevent the emergency in the future.

Should importing water to the project prove not feasible Liu Farm's would scale down operations in a modular fashion. The initial response would be to shut down the appropriate number of A-Type 3 permits such that available water supply is sufficient to support the remaining operations. If all A-Type 3 permits are shut down and sufficient water is not available for the remaining Type 3B permit Liu Farm's will halt all operations.

#### **E.5 REVIEW**

Director of Cultivation, Mikel Alcantar, will review the DMP on an annual basis and will make any amendments to address any changes to the local, county, or state regulations. In the event of an emergency order effecting the projects water use Liu Farm's Director of Cultivation will be responsible for maintaining and making available all logs related to this DMP.