

## **Flore Farms Inc. Operations Plan**

**Flore farms Inc. APN 223-074-009 application number 10784. This includes 10,000 sq ft of existing outdoor light-deprivation cultivation and a 600 sq ft immature plant area.**

### **Description of water source, storage, irrigation plan, and projected water usage.**

-source: Rain Catchment

#### **Water storage:**

**-existing water storage:** One 5,000- gallon tank, one 2,500-gallon tank, three 600-gallon tanks, and two 4,000-gallon tanks. 17,300 gallons(we currently utilize a well and an additional 50,000 gallons tank on an adjacent property. We are proposing to stop using this system as soon as our 230,000-gallon rain catchment tank is installed.)

**-proposed additional water storage:** One 230,000-gallon rain catchment tank.

**-total water storage existing and proposed:** 247,300 gallons

**Irrigation plan:** 2" to 1.25" delivery lines to and from water storage tanks connect to high flow drip tape in the cultivation beds.

#### **Projected water usage:**

**Proposed water consumption for cultivation:** Flore Farms (10784): 120,000 gallons/year for the 10,000 sq ft of cultivation, and 6,000 gallons/year for the 600 sq ft of immature plant area.

### **Description of site drainage, including runoff and erosion control measures:**

-We run a closed system. No rainwater enters the cultivation area over the winter months. Our fertilizer program is designed to run out before the crop is done. We test our soil weekly to ensure this is the case.

-Our cultivation sites are flat. Grading is at 2% and is designed to disperse runoff evenly. There is no erosion at any of our sites. All roads and culverts are in compliance with Fish and Wildlife and the Waterboard.

### **Detail of measures taken to ensure protection of watershed and nearby habitat:**

-Cannabis cultivation facilities are located on ridge tops, as far from water courses as possible. In all locations, we outside of the required setbacks from watercourses and wetlands.

**Our IPM** plan uses no poisons. We use food grade products to eliminate pests.

-We utilize PH adjusted water to eliminate a variety of pests. This system replaces chemical pesticides. All storage of these compounds is in our storage sheds with secondary containment shown on the premise map.

**Description of cultivation activity:** Type 1B (10,000 sq ft of canopy) greenhouse light deprivation. We use panda plastic to control light hours. We run 1-2 cycles per year. No lighting.

-10,000 sq ft of this cultivation is proposed on Flore farms APN 223-074-009 (10784) 3 Tooby Rd. Garberville ca 95542.

**Processing plan:** we will dry our product onsite in the proposed 2,880 sf building shown on our site plan. We then transfer our product to our distributorship in Santa Rosa.

We store our product at our licensed distributorship in Santa Rosa, CA where we trim it, test it, package it, and distribute it.

We provide a cannabis waste site at each of our cultivation locations. These sites are called out on our site plans. This allows us to compost the waste in place.

Required staff for the 10,000 sq ft cultivation on the APN 223-074-009 Flore Farms 10784 property is from 1-2 people. This staff lives off site.

**Employee safety practices reflect state guidelines,** OSHA standards, including mold abatement measures and the use of masks and gloves. We have employee break areas located at each cultivation site. We provide porta-potty toilets at each work site. We provide an employee training and safety manual. The residence on 223-074-009 utilizes a 3000 eu Honda generator and a small 50-amp solar system for its power requirements. No power is required for cultivation activities. No fuel is stored on site.

-We are operational from April 1st to Nov 15th each year:

-April 15-May 15th we are planting

-July 1st-July 15th we are harvesting

-July 15th-August 1st we replant our second run.

-October 15th-Nov 1st we are harvesting our second round

**Security plan:**

-The project is located in a gated secure community.

-We have implemented a neighborhood watch program.

-Property and products are locked and insured

-Cameras and alarms are installed