

# **Kush Creek Organics LLC**

Updated June 2023  
7824 Old Three Creeks Road  
Blue Lake, CA 95525

Kush Creek Organics is excited to be a part of this growing industry and plans to produce some of the finest premium quality organic cannabis on the market. We are committed as a farm to comply with all the safety standards and regulations and will maintain practices that ensure the environmental health of our home Humboldt County far into the future. We are working with local engineers, forest service consultants, legal professionals, contractors, and other qualified licensed professionals to ensure our farm is operating with highest standards in mind. Thank you for processing our application.

## **Evidence of Ownership and Authorization:**

- The current deed is included in the application packet
- A copy of ownership is also included
- My consent and a copy of the ownership instrument is included.
- Legal documentation describing the composition of the organization Kush Creek Organics LLC is included along with information from attorneys Rain and Zepp Law.

## **Site Plan of Parcel:**

I hired Trinity Valley Engineering to prepare a map for you including natural waterways and water features required for the application process. You will also find:

- Owner name and parcel number
- Easements
- Natural waterways and water features.
- Location and area of cultivation activity

- Access roads
- Graded flats
- Existing water storage
- Water diversions
- We are not nearby any schools, public parks, or Tribal Resources
- There are no off-site residences within 300 feet of cultivation site

I also included an updated plot plan that includes the requirements.

- All easements and access roads (exhibit B1 and B2)
- Assessors map
- Existing water storage and capacity and date of construction
- Set back of cultivation area from property line
- Cal Fire approved 3-acre Conversion: a copy is enclosed

All graded flats were performed by a licensed contractor designed to ensure proper drainage and proper culverts were installed and upgraded as needed . I worked together with Chris Carroll a Timberland Resource Consultant to file the 3-acre Conversion and to create a sustainable plan for the farm to meet all compliance regulations both state and local. This information has been updated over the years to stay consistent with the evolving regulations and requirement. I recently had my LSA agreement updated as the 5 years was up on my first LSA agreement. A copy is on file with the county and TRC. I have had a CDFW inspection and have met all the requirements onsite.

I have also hired Natural Resource Management and TRC throughout this process to facilitate an updated the site management plan to updated some information and to address the new requirements. Many of the tasks have been completed and evidence has been provided to my county planner.

## **Cultivations and Operations Plan:**

The farm starts its operations as soon as the snow clears usually April or May, and runs until about the middle of December. Each green house is amended and tested to monitor soil conditions at the beginning of each season. While the amendments

settle and we wait for soil analysis, the greenhouses get covered and the supplies are organized. Each greenhouse takes a few days to properly set up after winterization procedures. Once the farm is ready, we begin to propagate seeds and plant starts in the nursery or immature plant area. Each young plant is transplanted when it has proper root development into larger and larger pots until they are ready to transplant into the greenhouses. Each plant with a tag is then transplanted once the conditions are favorable into the cultivation areas.

The greenhouses get drip irrigation 2 to 3 times a week and feed by hand once a week with our organic micronized nutrients. Once the plants mature in the fall each greenhouse is harvested at the peak of ripeness and dried on site. Some of the plant material gets broken down by machines some by hand. Once the material is dried it gets put into a bin with its METRC tag and labeled and stored appropriately. This process is repeated throughout the farm depending on location and strain. Some of our greenhouses we use the force flower method to finish early depending on the climate, drying space and demand. A black cover is pulled over the greenhouse to encourage the flowers to develop faster each evening around 6pm and removed again at 10pm. The power on the farm comes mostly from solar panels and occasional generator use. I plan to add an additional solar power storage system as part of the future plans to stay a green farm. I have applied for grants to help with solar and water storage and hope to be approved on the next round of funding. Sustainability is very important to me as is making sure the site meets all state and local regulations. At the end of the season once all material has been processed, we breakdown the greenhouse structures and store all the equipment properly for the winter. We also shut down all water features and storage and winterize the buildings on site storing all supplies and clean the premises.

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

Our water source currently is a class 2 spring developed in 2015 and onsite storage with the addition of a well, pond or rain catchment system soon to be developed. The farm has a water use permit filed through Timberland Resources during the construction of our farm and continues to report to all three agencies required. The farm has also installed water storage tanks that are gravity fed to the cultivation site by well-maintained irrigation lines. For the current cultivation site, water

usage is not expected to exceed 300 gallons a day. The well is set to go at the top of the property and should be easy to tie into our existing water system.

Implementation of rain catchments system that we hope to install in the future and is also part of our water management future plans in addition to a storage pond as the rules develop and change, we are ready to meet the requirements. Once the county has made a clear path to determining which water system will best fit this project, I am ready to move forward. The bladder can be removed once the water system has been implemented and more storage can easily be added.

We have low water usage because of our rich organic beds of soil coupled with covered canopy and drip system. We have also been growing less due to the markets and unfavorable weather patterns. Currently we have close to 100,000 gallons of storage on site and we hope to add more after approval. We also hope to regain some of the previously used square footage associated with this pond area that was put on hold so this area could be used for water storage.

#### **Water Storage:**

- 10 2,500-gallon water storage containers
- 1 5,000 gallon water storage tank on the top conversion
- One 25,000-gallon water bladder on level flat ground with sand, animal fence, retention wall and shade cloth rated for 80% sun block
- One temporary bladder 25,000 gallons next to original bladder
- Well permit filed thru Rich's Well Drilling in 2021 just waiting for counties approval to move forward.
- Proposed Pond 300,000 gallons
- Rain catchment available on cabin if desired

The farm was in contract with Trinity Valley Engineering in 2016 to put in a 300,000 gallon pond rated to store the amount water needed for our farm and the type of permit we were requesting during the month required and then some. We are still on hold on this project but hope to move forward once approved. The pond area has also been evaluated by an archeologist and has passed and is ready to dig if the pond project moves forward.

The trenches on the farm are filled with premium organic soil that is amended with rich compost and other organic material annually to ensure good water retention, minimum fertilization and healthy soil biology. Our trenches were designed to hold moisture and only require drip irrigation a few times a week from our off-stream gravity fed water storage. We make it a point to regularly maintain

and repair any leaks and hand water every 3-4 days organic nutrients and compost teas to ensure responsible water use and no water run-off.

### **Measures to ensure protection of watershed and nearby habitat:**

We worked closely with local engineers to develop our site plan to ensure it meets all requirements and standards with little or no disruption to our local ecosystem.

Our roads are well maintained and have been properly designed and located to ensure adequate drainage. Local licensed engineers and contractors have installed proper culverts and drainage as needed. Our cultivation site has also been developed with proper drainage channels to ensure there is no compromise to our watershed and the watershed can travel where it needs to go. We inspect all culverts and water features weekly as part of our SMP and LSA and will always treasure this resource.

The site is abundant in water features and should be sustainable and low impact into the future. All of the water features on site meet the state and local requirements. In addition, a well is set to be drilled after county approval and the proposed pond soon to follow if approved. The pond will be closed loop with a trapezoidal run off, culverts and water protection plan developed by Trinity Valley engineers to ensure no damage will be done to our ecosystem or nearby streams. The plans have been submitted for your review and are on file with the Humboldt County.

### **Protocols for proper storage and use of fertilizers, pesticides, and other regulated products used:**

We only use organic micronized nutrients, compost teas and fungal flats for our cannabis cultivation. Our main line of nutrients is formulated by a local HSU student and comes in a 5-gallon bucket with a spill proof lid and contains only local powdered organic ingredients. I have purchased a 6X20 storage container properly engineered to properly store the nutrients and other supplies. The storage container is made of steel and has a wooden raised floor to ensure that no animals can get into the products and that they cannot be damaged by sunlight or moisture. There is proper shelving and we follow all the state mandated protocol for proper

storage and do not use pesticides on site. We also keep a spill kit on site with proper supplies and guidelines.

### **Description of cultivation activities:**

Our farm is mixed lighting and full sun cultivation that does not go year round due to climate limitations. Our power comes mostly from solar panels and occasional generator use. I plan to add an additional solar power storage system as part of our future plans to stay a green farm, as sustainability is very important to our organic farm. We are also in the process of making sure the site meets all regulations set forth by the state and local waterboards. Our LSA agreements has been met and we will continue to report as required. We also plan to add more solar and water storage to our site to help keep the project sustainable into the future.

### **Processing Plan:**

We always strive to provide a safe, organized, and comfortable space for our processing helpers. We choose qualified and experienced help at all times to ensure our system is followed and executed properly.

We are using a simple seasonal schedule for our cultivation cycle. We plan to use our site from May until the end of November. We will only be doing one round of cultivation this season due to the weather. We will be using 2 small 3000 I Honda generator to run ventilation from 6pm to 11 pm daily from June 1<sup>st</sup> thru late August. The rest of our farm will be traditional full season cultivation with no generator use needed because we have solar panels for all our other needs. We plan to be as eco conscious as possible.

We have very high standards and follow strict protocol for harvesting and processing our organic cannabis. We harvest at the peak of ripeness to ensure the properties of our medicine are at their highest potential. We dry the cannabis on site in a cool dark space to ensure it cures and dry's properly. Extra time is taken to remove fan leaves and we follow strict standards for cleanliness and quality control. Cultivation waste is collected, weighted, contained, recycled and disposed of in an appropriate facility off the mountain. All processed cannabis is taken off

site once it is manicured or bucked down to be transferred to a secure licensed facility and is safely transported with proper legal paperwork.

### **Security Plan:**

- There are three metal security gates at each entry point of the property. These gates can only be accessed by key and are secured and looked at all times. Each entrance has a solar light, security signs, and camera installed.
- There is also a neighborhood group gate that can only be accessed by secure key and is changed annually.
- This property is part of a Neighborhood Watch Association and I attend all neighborhood security meetings. Our neighborhood also participates in private security during necessary times.
- Monitoring devices have been installed throughout the property and at each entrance and exit to premises.
- Security cameras have been installed at each cultivation site as part of our updated security plan.
- Deadbolts are installed on our storage container to ensure security and the container is checked frequently.
- Game cameras have also been installed at each gate and throughout the cultivation site.
- In the event of any theft or loss of medical cannabis material, Kush Creek will notify the County Sheriff ASAP.

### **Other Permits:**

- Copy of our statement of Water Diversion is included

- Notice of Intent and Self-Monitoring Certification has been filled with North Coast Regional Water Quality Board. I have enrolled into the new order of regulations and have filled all necessary monitoring reports for all the agencies annually and copies of these reports are provided or are available through the agencies.
- Have obtained a SUIR through TRC in 2019 a copy is included and has been updated in 2021
- The Streambed Alteration Agreement is up to date and all records are included and managed by TRC.
- LSA agreement has been updated in 2022
- The farm has no well on site currently but Rich's Well Drilling a local well company has already performed an onsite visit and has chosen a location. They filed a permit through the county and got approved a copy of this permit is in the documents provided. My farm had to put the well project on hold due to the uncertain rules around using well water for cultivation but is ready to move forward as needed once a plan has been made by the county with clear direction on which water source they would like to be developed.
- A septic system is also in the plans for the farm to complete in 2023. Steve's Septic performed an onsite visit in 2019 and provided an estimate for the septic system to match the need of the farm. Plans and permits will be filled as soon as I have my final approval from the county.
- A copy of the Approved less-than-3-acre conversion is on file with Timberland Resources along with supporting documents and updates are included.
- 2 California State Provisional Cannabis Cultivation License have been issued for the premises and copies are onsite and included in this application packet.
- A local Humboldt County Interim Permit for the 2023 year has also been approved
- A road evaluation has been submitted and passed



- All permit requirement and deficiencies have been turned in just **awaiting my final stamp of approval after 6 long years!!**