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TEN REDWOODS, LLC

APN 208-241-017

#11737

OPERATIONS PLAN

PROPOSED CANNABIS CULTIVATION FACILITIES

JANUARY 2021
revised 9-5-24

Cultivation and Operations Manual
TEN REDWOODS, LLC

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1. PROJECT SUMMARY

1.1. PROJECT DESCRIPTION

TEN REDWOODS, LLC is seeking a Conditional Use Permit (application #11737) for 11,700 square feet of existing cannabis cultivation, consisting of 4,050 square feet of mixed-light and 7,650 square feet of outdoor cannabis cultivation in accordance with the County of Humboldt's Ordinance No. 2559 (CMMLUO). Water for irrigation is sourced from an existing point of diversion on a class II stream, and a rainwater catchment pond. Processing will occur off-site. Electricity is provided by diesel generators.

1.2. SITE DESCRIPTION

The 42.20-acre project site (APN 208-241-017) is located in Humboldt County, near the community of Mad River. The terrain is relatively steep, with natural benches. Elevation ranges from 2,800 feet to 3,200 feet above mean sea level.

The site is located within the Bear Creek-Mad River watershed. The parcel is zoned for Forestry Recreation (FR) and has a Humboldt County General Plan Land Use Designation of RA 20-160.

Existing infrastructure on-site includes a house, cabins, ag exempt sheds, a rainwater catchment pond, a point of diversion, hoop houses, and multiple water storage tanks.

1.3. STATE AND LOCAL COMPLIANCE

1.3.1. STATE OF CALIFORNIA COMMERCIAL CANNABIS ACTIVITY LICENSE

Ten Redwoods, LLC holds active State Licenses. Copies of State licenses shall be posted on the subject parcel, and copies will be made available upon request.

1.3.2. STATE WATER RESOURCES CONTROL BOARD

The applicant is enrolled as a Tier 2 Moderate Risk discharger (WDID 1_12CC419104) under State Water Resources Control Board (SWRCB) Order WQ 2017-0023-DWQ. The SWRCB Order provides a framework for managing water quality, instream flow impacts, and wastewater discharge associated with commercial cannabis cultivation. Dischargers must implement Best Practicable Treatment or Control (BPTC) measures and submit technical and monitoring reports to ensure compliance with the order. A Site Management Plan (SMP) summarizing existing and proposed BPTC measures for compliance with the SWRCB's General Order is on file with HCPD.

1.3.3. HUMBOLDT COUNTY BUILDING DEPARTMENT

Building permits for the residences, septic, and accessory structures shall be obtained from the County of Humboldt County Building Department (HCBD) upon approval. Ag Exempt permits shall be obtained for the greenhouses and drying/harvest storage sheds.

1.3.4. CAL FIRE

The subject property is located within the State Responsibility Area (SRA) for fire protection. The emergency vehicle turn-around area is located on the driveway leading to the main residence. The driveway is approximately 100 feet long, less than 7% grade, and is regularly rocked and maintained to prevent ruts or rills to the road surface. The hammerhead turn-around area is approximately 50 feet wide with well over 15 feet of vertical clearance.

Ten Redwoods shall maintain the recommended 100 feet of defensible space around all structures on the property. Existing structures meet the 30-foot SRA property line setback requirement.

1.3.5. CALIFORNIA DEPARMENT OF FISH AND WILDLIFE

A Lake and Stream Bed Alteration (LSA) notification was submitted to CDFW on June 27, 2016, and transferred to Ten Redwoods, LLC on September 2, 2020. The LSA notification includes a domestic point of diversion (POD), stream crossings, and pond. A copy of the notification and transfer documents are on file with HCPD.

1.3.6. CULTURAL RESOURCES

A Cultural Resource Inventory Report has been prepared by a qualified archeologist. A copy of the report is on file with HCPD. If buried archaeological or historical resources are encountered during regular cultivation activities, Ten Redwoods shall call all work in the immediate area to a temporary halt, and a qualified archaeologist will be contacted to evaluate material(s).

2. OPERATIONS MANAGEMENT

2.1. WATER SUPPLY AND WATER USE

Water for cannabis cultivation is sourced from an existing point of diversion (POD) located on a class II watercourse and a rainwater catchment pond.

Irrigation water is stored in the 300,000-gallon pond and HDPE storage tanks. The pond is approximately 3,375 sf in surface area with approximately 3,925 sf of catchment surface area. Float valves and water meters shall be installed on all water tanks. The applicant has sufficient storage to meet forbearance period requirements.

Water for domestic purposes is sourced from the pond and POD. Domestic water is stored in HDPE storage tanks

Table 1: Water Storage Inventory - Irrigation

Water Storage Location	Qty	Capacity (GAL)	Capacity TOTAL (GAL)	Proposed Use
Pond	1	300000	300000	IRRIGATION
HDPE TANK	8	5000	40000	IRRIGATION
HDPE TANK	4	3500	14000	IRRIGATION
HDPE TANK	6	3000	18000	IRRIGATION
HDPE TANK	20	2500	50000	IRRIGATION
HDPE TANK	2	1500	3000	IRRIGATION
Total Storage Capacity	**18**	**315500**	**425000**	

Table 2: Water Storage Inventory DOMESTIC				
Water Storage Location	**Qty**	**Capacity (GAL)**	**Capacity TOTAL (GAL)**	**Proposed Use**
HDPE TANK	1	3000	3000	DOMESTIC
HDPE TANK	1	2500	2500	DOMESTIC/FIRE SUPPRESSION
HDPE TANK	1	1500	1500	DOMESTIC
HDPE TANK	1	1000	1000	DOMESTIC
Total Storage Capacity	**1**	**8000**	**8000**	

2.1.1 Rain Catchment Analysis

Ten Redwoods currently utilizes approximately 104,750 gallons of water per year for cannabis irrigation and approximately 9,200 gallons annually for domestic uses. Irrigation water is stored in the 300,000-gallon pond and an additional 125,000 gallons of HDPE storage tanks. The pond is approximately 3,375 sf in surface area with approximately 3,925 sf of catchment surface area. Float valves and water meters shall be installed on all water tanks. The applicant has sufficient storage to meet forbearance period requirements.

The applicant was also recently approved for the HCPD Water Grant and is in the process of installing additional water storage for better management in the event of a drought year.

The following table outlines the estimated water usage for the proposed cultivation during a typical year. This estimate does not consider variables such as weather conditions or specific cannabis strains which may have slight effects on overall water usage.

Table 3: Projected Annual Agricultural / Domestic Water Usage												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Domestic	0	0	0	400	800	1200	2000	2500	1500	800	0	0
Nursery	0	0	200	200	140	140	200	0	0	0	0	0
Cultivation	0			0	8600	12750	20300	24600	20100	10950	7450	0
Total	0	0	200	600	9540	14090	22500	27100	21600	11750	7450	0
TOTAL GALLONS USED:												**114,830**

2.1.2 Forbearance Period

At this time, the cultivator has approximately 300,000 gallons of water storage in the pond and 125,000 gallons of storage capacity in HDPE tanks designated for irrigation use. Based on total water use estimates (114,830 gallons per year), this volume of storage is sufficient to allow for full forbearance from surface water diversions during the required period (April 1 to October 31st).

2.2. Site Drainage, Runoff and Erosion Control

Ten Redwoods has developed a plan using the guidelines for best practicable treatments and controls (BPTCs) in accordance with the recommendation of SWRCB General Order. The SMP summarizes erosion and sediment control measures that have been implemented to minimize discharge to surface waters.

Ten Redwoods will utilize the following BPTCs to manage stormwater runoff:

1. Maintenance of roads, including rocking and armoring as needed.
2. Cultivation facilities and spoil stockpiles will meet all required setbacks from riparian areas.
3, Regulated products will be safely stored with secondary containments.
4. Proper management of solid, liquid, and cultivation waste.
5. Irrigation and fertilizer application will be applied at agronomic rates.

2.3 Watershed and Habitat Protection

Watercourses have been mapped by Timberland Resource Consultants technicians. Portions of CA #2, CA #3, and CA #7 fall within the riparian setbacks of mapped watercourse features. A Relocation and Remediation Plan is on file with HCPD. The proposed relocation area is located below the main residence and CA #5. The agricultural chemical and petroleum storage shed also falls within the riparian setbacks and shall be relocated.

There are no known occurrences of threatened, rare, or endangered species on the project site.

The slope buffers are well-vegetated and adequate as a filter for any errant waste or entrained sediment from managed areas. No spoils from road grading or site grading are stored on the project site.

All tilling or earthwork activities will be conducted in accordance with approved the SMP and SWRCB BPTCs. Maintenance and repair strategies for site development and road improvements will utilize best practicable treatment and controls (BPTCs), such as outsloping of roads, installation of water bars, or other appropriate measures, to maintain slope and access road integrity. Proposed cultivation operations will be developed in accordance with SWRCB's BPTCs and the CDFW LSAA to ensure erosion control measures are effective and operations will not allow discharges to riparian areas.

2.3.1 Invasive Species Control P lan

The cannabis cultivator shall not plant or seed noxious weeds. Prohibited plant species include those identified in the California Invasive Pest Plant Council's database, available at: www.cal-ipc.org/paf/. Locally native, non-invasive, and nonpersistent grass species may be used for temporary erosion control benefits to stabilize disturbed land and prevent exposure of disturbed land to rainfall. Straw mulch used for erosion control must be weed-free and secured to the ground, if warranted by site conditions.

To prevent transfer of invasive species, all equipment used at the cannabis cultivation site, including excavators, graders, etc., shall be cleaned before arriving and before leaving the site.

2.4 ENERGY PLAN

Electricity is supplied by five diesel generators (2 domestic, 3 cultivation). Generators shall have secondary containment and be shielded to prevent excessive noise levels. Noise levels from all sources including generators and exhaust fans shall not exceed 50 decibels (dBA) at tree lines or habitat areas and 60 dBA at property lines.

2.4.1 LIGHT POLLUTION CONTROL PLAN

When artificial lighting is in use, Ten Redwoods shall shield mixed-light and nursery greenhouses so that no light is visible from neighboring properties between sunset and sunrise. The light source should comply with the International Dark Sky Association standards for Lighting Zone 0 and Lighting Zone 1 and be designed to regulate light spillage onto neighboring properties resulting from backlight, uplight, or glare (BUG). Should the Humboldt County Planning Division receive complaints that the lighting is out of alignment or not complying with these standards, the applicant shall submit written verification within ten (10) working days of receiving written notification that the light shielding and alignment has been repaired, inspected and corrected as necessary.

2.5 NOISE SOURCE ASSESSMENT AND MITIGATION PLAN

The combined decibel (dBA) level for all noise sources, including generators and exhaust fans, shall not exceed 50 dBAs at any potential habitat area, or tree line, and shall not exceed 60 dBs at the parcel boundary. Based on the manufacturer's noise ratings for the proposed generators, noise levels are not expected to exceed the thresholds listed above. Upon approval, a qualified professional shall measure the noise levels and submit a report to the HCPD to prove compliance with noise standards.

2.6 USE AND STORAGE OF REGULATED PRODUCTS

Ten Redwoods shall employ BPTCs when storing, handling, mixing, applying, and disposing of all fertilizers. Ten Redwoods practices organic farming methods for all cultivation.

The Agent in Charge shall be responsible for proper applications of regulated products and will be trained in accordance with the Department of Agriculture and issued through the Humboldt County Agricultural Department. All nutrients are stored and handled as per manufacturer's recommendation. The designated Ag Chem storage area is in an enclosed shipping container as noted on the attached site plan. Agricultural chemicals shall be stored in secondary containment.

The applicant will enroll with the Humboldt County Environmental Health Department (HCEHD) as the Certified Unified Program Agency (CUPA) and will comply with inventory reporting and response plan requirements.

A copy of the Operations Plan will be kept on site by the Agent in Charge and will contain all material safety data sheets (MSDS) for all regulated products used on site.

2.7 FUELS AND OILS

Gasoline and oil for generators, vehicles, and equipment shall be stored in containers rated for petroleum products and stored in secondary containment in the designated Petroleum Storage Area outside of riparian setbacks. Equipment maintenance and servicing takes place off-site.

2.8 WASTE MANAGEMENT PLAN

2.8.1 SOLID WASTE MANAGEMENT

Garbage and recycling are stored in a secure waste storage area located near the residence. The waste storage area complies with BPTCs to prevent wildlife tampering and transport of waste to waters of the State. Waste is removed from the property every two weeks and transported to an approved waste disposal facility.

2.8.2 CULTIVATION WASTE AND SOIL MANAGEMENT

Cultivation waste such as root balls, branches, and leaves shall be composted in a designated area away from surface waters as noted on the attached site plan. Spent soil will remain in cultivation areas, where it will be planted with cover crops or covered with weighted tarps and amended for the following season. Pots containing clones will be washed, rinsed, and reused the following season. Pesticide and fertilizer bags and containers will be stored in the waste storage shed until they can be transported to an off-site recycling or waste disposal facility.

2.8.3 WASTEWATER MANAGEMENT

Domestic wastewater treatment is managed via septic system. The septic leachfield location is noted on the attached site plan.

2.9 EMPLOYEE PLAN

Ten Redwoods, LLC is an "agricultural employer" as defined in the Alatorre-Zenovich-Dunlap-Berman Agricultural Labor Relations Act of 1975 (Part 3.5 (commencing with Section 1140) of Division 2 of the Labor Code), and complies with all applicable federal, state and local laws and regulations governing California Agricultural Employers.

2.9.1 JOB DESCRIPTIONS AND EMPLOYEE SUMMARY

- *Agent in Charge*: Oversight and management of the entire facility. Responsibilities will include but not be limited to: personnel, records keeping, budget, and liaison with State and County inspectors as needed.
- *Lead Cultivator*: Oversight and management of the day to day cultivation of commercial cannabis cultivation. This will include but not be limited to: irrigation, fertilization, pesticide management and harvest.

Ten Redwoods, LLC employs 2 full time and up to 3 part time employees.

2.9.5 EMPLOYEE TRAINING AND SAFETY PRACTICES

All cultivation and harvesting activities are performed by trained employees on procedures for cultivation, harvesting, use of pruning tools, proper application and storage of pesticides and fertilizers. All staff area provided with proper hand, eye, body Personal Protective Equipment (PPE). Access to onsite cultivation, drying and processing facilities are limited to authorized staff of Ten Redwoods, LLC. A copy of the Operations Plan will be kept on site by the Agent in Charge and will contain all material safety data sheets (MSDS), see Appendix F.

3.1 ON SITE HOUSING AND PARKING PLAN

The project site includes a residence and a cabin. Bottled drinking water and a restroom are available in the residence. Domestic wastewater is processed by the existing septic system.

The residence has three 9' x 18' parking spaces designated for employees.

3.2 SECURITY PLAN

Ten Redwoods has implemented security measures to safeguard the product and prevent nuisance from occurring on the property. A security gate is located at the property entrance/exit. Gates have keyed locks and are kept locked when not in use. The applicant proposes to install an alarm system, game cameras, and motion sensor lights near cultivation areas and appurtenant facilities.

4 CULTIVATION PLAN

4.1.1 PROPAGATION

Juvenile plants are obtained from 'mother plants' that demonstrate the desired genetics for the specific cannabis strain. The 'mother plants' shall be kept in designated nursery areas, as noted on the attached Site Plan. Cuttings are sampled from the mother plants and are rooted into a growing medium, to produce 'clones.' Once fully rooted, clones are transplanted into 4" pots inside the Nursery. The juvenile plants are irrigated using hand watering methods. After approximately 10 days, the clones are then transplanted into beds with a soil medium, where they continue their 'vegetative' cycle.

TABLE 3: IMMATURE PLANT AREAS			
ID	TYPE	SIZE (FT)	TOTAL SQUARE FEET (FT^2)
Nursery #1	Existing nursery	12' x 30'	360
Nursery #2	Existing nursery	12.5' x 61'	762.5
		TOTAL	1,122.5

4.1.2 CULTIVATION PLAN AND SCHEDULE

MIXED-LIGHT CULTIVATION

Mixed-light cultivation is composed of two hoop houses, (1) 30' x 65' hoop house located at CA #1 and (1) 30' x 70' hoop house located at CA #2. The hoop house in CA #2 will need to be relocated out of riparian setbacks.

Mixed-light hoop houses utilize supplemental string lighting and light deprivation tarps. The applicant is proposing two cycles per year. Diesel generators provide power for Snap Fans (two per hoop house) and supplemental lighting.

OUTDOOR CULTIVATION

Outdoor cultivation takes place in three hoop houses, (1) 30' x 64' hoop house located in CA #3, (1) 35' x 64' hoop house located in CA #4, and (1) 25' x 41' hoop house located in CA #5. The hoop house in CA #3 shall be relocated outside of riparian setbacks. Outdoor cultivation taking place in hoop houses utilizes light deprivation techniques using hand drawn tarps. No electricity or artificial lighting is used. Light deprivation hoop houses produce two cycles per year.

The remainder of the outdoor cultivation takes place in 300-gallon Smart Pots located in CA #1-5. Cannabis grown in Smart Pots is full-sun outdoor. No electricity or tarps are utilized.

4.1.3 IRRIGATION PLAN AND SCHEDULE

Irrigation will occur via hand watering methods. Ten Redwoods maintains that the amount of irrigation needed is better controlled via hand watering and allows for a more tailored irrigation plan and better plant inspection and nutrient application.

4.1.4 HARVESTING, DRYING AND TRIMMING

Once the *Lead Cultivator* has determined the plants are at their peak, harvest procedures will be initiated. This entails removing the flowering branches from the plant and suspending them in the drying shed with ventilation supplied by oscillating fans. The drying process takes approximately one week. Dried flowers are then 'bucked' off the stalks and into manageable sizes for processing.

The finished product is stored in the drying, curing, harvest storage building before being processed transported to a licensed facility. The waste product or 'trim', is collected and placed into bins to be weighed and labeled. The trim will be transported off-site to a licensed manufacturing facility.

4.1.5 PROCESSING

Processing and packaging will be completed off-site at a licensed facility.

5 PRODUCT MANAGEMENT

5.1 PRODUCT TESTING

Samples will be selected from harvested cannabis strains to be tested by a licensed third-party lab in accordance with State and Local regulations. The finished product shall be labeled with the Ten Redwoods, LLC logo and will include tracking Identification provided by CDFA's Track and Trace (METRC) program.

5.2 PRODUCT INVENTORY AND TRACKING

Inventory of all plants shall be performed by the *Agent in Charge/Lead Cultivator*. All commercial cannabis will be tracked from clone to packaged product and accounted for and inventoried. Records will be kept at each phase of the harvest and processing operation for reporting and compliance with State and Local regulations. The information recorded for each harvest includes

- ✓ Weight of flowers, byproduct, and trim waste
- ✓ Weight of trimmed buds
- ✓ Staff identification
- ✓ Product ID numbers and product weight
- ✓ Physical location of plant material at all times

5.2.1 REPORTING

The Master Log will contain reports on the harvest process, providing total weight harvested and trimmed at each weigh point, and compares that to final weight post-trim, including waste. Discrepancies are traced to the source, documented, and reported to the *Agent in*

Charge. After investigation, any appropriate corrective measures are taken. All cultivation and harvest records are retained for a minimum of five (5) years.

5.3 TRANSPORTATION AND DISTRIBUTION PLAN

Transportation will be handled via a third party, contracted, licensed transporter/distributer in accordance with MMRSA. All merchantable product will only be distributed through licensed medical cannabis dispensaries. Prior to moving packages from the onsite holding facility to another physical location, a transport manifest will be created by the distributer/transporter. This distribution document is required for each movement of packages and will be recorded in the Master Log.

The *Agent in Charge* is responsible for performing a physical inventory of all packages being transported, ensuring that the physical inventory reconciles with the transport manifest, as well as the packaging material is intact and the labeling is secure. The distribution document records the current location and status of the packages, such as "in-transit" or "received." The licensed distributor must also create detailed transport manifests for the package distribution. The manifest contains details such as:

- Time of departure
- Time of arrival
- Product Identification and product weight
- Route to be travelled
- Origin and destination addresses

RESOURCES

Bass, Ronald E., Kenneth M. Bogdan, and Terry Rivasplata. 2013. CEQA Desktop. Point Arena, CA; Solano Book Press. Page 44.

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County of Humboldt. *Medical Marijuana Land Use Ordinance (MMLUO) – Phase IV, Commercial Cultivation, Processing, Manufacturing and Distribution of Cannabis for Medical Use* (Staff Report to the Board of Supervisors). January 26, 2016. <https://humboldt.legistar.com/Calendar.aspx.> Date accessed: March 28, 2016.

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State of California. Guidelines for the Security and Non-Diversion of Marijuana Grown for Medical Use. August 2008. <http://www.ag.ca.gov/cms_attachments/press/pdfs/n1601_medicalmarijuanaguidelines.pdf>

Appendix A: Personnel Acknowledgement Form

Personnel Acknowledgement Form

It is the intention of TEN REDWOODS, LLC to create an enjoyable, safe, and sane workplace. We feel that understanding and compliance with our Operations Manual will create just that. It is the responsibility of each employee to read and understand the procedures outlined herein. If after reading and reviewing this entire document, you have any questions please see the Agent in Charge immediately for clarification. By signing this document below, it confirms your reading, understanding and adherence to the entire ***TEN REDWOODS, LLC OPERATIONS MANUAL FOR MEDICAL CANNABIS CULTIVATION.***

_____

Employee sign and date

_____

Agent in Charge sign and date

Appendix B: Site Plan

Appendix C: Pesticide Storage, Handling and Application Plan

TEN REDWOODS LLC
Pesticide Storage, Handling and Application Plan

All pesticides, disinfectants, fungicides and agricultural chemical products used by the TEN REDWOODS, LLC will maintain strict compliance with standards imposed by the Humboldt County Agricultural department and State of California Department of Agriculture Department and US Environmental Protection Agency. The Agent will maintain a current Private Applicators License with the Humboldt County Agricultural Department. This license will be posted and a copy will be entered into the Manager's Handbook and available for view by any regulatory agency deemed appropriate by Humboldt County or State of California.

Storage

All pesticides, disinfectants, fungicides and agricultural chemicals will be secured in an appropriate locked and labeled housing and accessed only by those employees that have been trained under the guidelines of *State of California Agricultural Department Personal Pesticide Application License* guidelines in handling, application and disposal of each product. Entry into the locked facility will be logged by the Lead Cultivator. This log will include: The name of employee removing the material, the date and time of day and the amount and type of pesticide removed.

Any over-the-counter pesticide products may be applied by either the *Agent* or trained personnel in accordance with State of California Agricultural Department's Private Applicators License criteria. Training of employees will be in accordance with *State of California Private Applicators License* criteria. These products will be limited to safe chemicals recognized by the Humboldt County Department of Agriculture, the California Department of Agriculture and the Federal EPA. Copies of all MSDSs and labels will be clearly identified and maintained onsite at all times in the Lead Cultivators Handbook. TEN REDWOODS will make available to its employees saline eye wash stations where ever pesticides are stored.

Handling

The handling of pesticides/fungicide will be done in accordance with *State of California Agricultural Department Personal Pesticide Application License* guidelines. Handling will include, transportation from retail outlet to cultivation site, logging and entering into secured, labeled storage, mixing, preparation, transport to application locations on site, application and disposal. These activities will be logged into the Master Log immediately by the *Lead Cultivator*. By having a strictly monitored Pesticide Management plan in place, TEN REDWOODS will strive for a "ZERO SPILL POLICY". In the event of a spill, TEN REDWOODS will maintain on site an Emergency Containment and Clean Up policy in accordance with *State of California Agricultural Department Personal Pesticide Application License* guidelines.

TEN REDWOODS will also maintain on site in a clearly marked and accessible secure location any materials deemed necessary for clean up or spill containment and abatement. TEN REDWOODS will maintain a well-marked and easily accessible plan for accidental personnel exposure as well as proper applicators training as set forth by *State of California Agricultural Department Personal Pesticide Application License* guidelines in the event of such accidental exposure. Any spills or accidental personnel exposure will be reported to the appropriate

agencies as deemed necessary by *State of California Agricultural Department Personal Pesticide Application License* guidelines. These incidents will also be documented into the Master Log by the Lead Cultivator.

Application

All application will be done in accordance with *State of California Agricultural Department Personal Pesticide Application License* guidelines. A copy of all applications will be manually entered into the Master Log. Proper eye, face and body protective wear as well as approved respirators shall be provided by TEN REDWOODS and worn and available at all times during application of all pesticides/fungicides. A preventive application program per manufactures directions and label requirements will be established from the onset of the plants initial transplant. Application frequency will vary with each phase of growth or infestation pressure. This will help to ensure the least amount of pesticide/fungicide will be needed. Application will end no less than thirty days before harvest or by manufactures able requirements, whichever is longer.

During application factors such as wind, temperature and humidity will be taken into account. This will ensure that the pesticide/fungicide is used in the most efficient manner and will mitigate drift. Pesticides will be applied using a variety of methods including atomizer, back pack sprayer and air less sprayer. Nozzle types and pressure settings will be determined by manufacture directions. Anywhere pesticide is applied TEN REDWOODS will provide a saline eye wash station in case of accidental exposure.

Disposal

Any mixed solutions will be used to their entirety. In the event there is a surplus of used mixed solution, it will be disposed of according to guidelines set forth by *State of California Agricultural Department Personal Pesticide Application License* procedures. After the applicator has finished application, the protective wear shall be discarded and disposed according to *State of California Agricultural Department Private Applicators License* guidelines. All bottles, containers or receptacles that have come into contact with, or contained, any product that falls under the state's guidelines for pesticides, disinfectants, fungicides and agricultural chemicals shall be washed, rinsed and or disposed of according to strict EPA and *State of California Agricultural Department Private Applicators License* guidelines. Proper training of employees in rinsing, washing and disposal shall be overseen by the Licensed Lead Cultivator on premise. All washing, rinsing or disposal of any product packaging, applicator or protective clothing will be logged into the Master Log.

Appendix D: Emergency Procedures and Contact Information

Emergency Procedures Instructions
TEN REDWOODS, LLC

The first priority in the event of an emergency is for the safety of all people present. Move quickly out of area danger. Meet at assigned meeting place to get a headcount. Enact Emergency Procedures.

Emergency Phone Numbers

Dial 911 for Fire/Police/Ambulance:

1. **Tell the operator which emergency service you want**

2. **Wait until the service answers**

3. **Give the following address:**

   APN 208-241-017
   Ridge Road
   Mad River, CA

4. **Do not hang up until told to do so by the 911 Operator**

Other Emergency Contacts

Humboldt County Sheriff: 707-445-7251

Mad River Volunteer Fire Dept

Humboldt County HazMat: 707-445-6215

Humboldt County Ag Dept.: 707-441-5260

Fire and Emergency Procedures Checklist

You must know and understand what to do if a fire occurs. Your first concern is the immediate safety of visitors and staff; secondly, the need to call emergency services and then to contain the fire but only if it is safe to do so. If help is available, allocate responsibilities to others to create a competent fire fighting team.

- Evacuate people from the area
- If it is safe to do so, switch off power to all equipment
- Call the fire department (dial 911)
- If a small fire, use your fire extinguisher if it is safe to do so – try to contain and extinguish the fire
- If the fire is near a fuel tank, do not attempt to extinguish the fire – retreat to a safe distance
- Be prepared to direct the fire service to the scene

Spill Procedures Checklist

You must know and understand what to do if a spill occurs. Your first consideration is the immediate safety of visitors and staff; secondly, the need to call emergency services and then contain the spill if it is safe to do so. If help is available allocate responsibilities to others to create a competent team to deal with the spill.

- If the spill is from the hose or tap, shut the isolation valve
- Warn people in area of the spill – evacuate if necessary
- Remove sources of ignition if flammable substance present
- Evaluate the spill – only respond if you believe it is safe to do so
- Refer to the safety data sheet or call on an approved handler or other specialists for advice
- If necessary, call emergency services and advise local authority
- Put on safety equipment (e.g. overalls, boots, gloves, eye protection, etc.)
- Contain the spill if it is safe to do so – utilize a drip tray or oversize container or spill kit to soak up the substance
- Dispose of waste safely as set out in the material safety data sheet

Incident Reporting

Every accident resulting in injury or damage to farm property must be reported to your manager immediately.

Respond to the accident promptly and positively

Collect relevant information about the accident

Develop and take remedial actions

Complete insurance claims and reports required

First Aid

- A first aid kit must be kept on the premises and maintained
- All staff must know basic first aid procedures

Minor Injury Accidents

- Minor cuts and abrasions must be attended to immediately
- If in doubt contact a physician or call 911

Serious Injury Accidents

- Call an ambulance immediately (dial 911)
- Seek the assistance of any first responder
- Stabilize Victim
- Advise your manager

Property Damage

- All damage to farm property must be reported to your manager

Emergency First Aid-Procedures

Control of Bleeding

1. Direct pressure – use your hand(s).
2. Elevate (raise) the limb
3. Apply a pad and firm bandage.
4. If necessary use clean rags or clothing.

Remember!!

- *Always check circulation below the bandage!*
- *If there is tingling, numbness or blueness loosen the bandage.*

Management of Burns

1. Cool the burnt area with cool water for 10-15 minutes
2. If necessary, cover the burn with a clean dressing or plastic wrap before removing person to medical aid.

Remember!!

- ***Do not burst blisters.***
- ***Do not remove clothing that is stuck.***
- ***Do not apply creams***

Management of Eye Injuries

Foreign bodies in the eye(s)

1. **Wash the eye(s) with eyewash or clean water.**
2. **If the foreign body is stuck to the eye DO NOT attempt remove.**
3. **Place covering over the eye and obtain medical attention.**

Management of Chemicals in Eye(s)

1. **Wash the eye(s) with clean cool water for at least 15 minutes.**
2. **Wash from near the nose outward.**
3. **Always wash under the upper eyelid.**
4. **Obtain medical attention**

Breathing

If a person is breathing but unconscious turn them on their side to prevent tongue swelling or vomit from obstructing airway.

If person *is not breathing*

- ***Check airway for blockage and clear***
- ***Call 911***

- ***Administer CPR***

Location of Firefighting Equipment, Spill and First Aid Kits

A fire extinguisher is located in the following places:

- *All Cold Frames*
- *Nutrient and Fertilizer Storage*
- *Drying and Processing Facility*

A first aid kit is located in the following places:

- *Cultivation Site*
- *Drying and Processing Facility*

A spill kit is located in the following places:

- *Cultivation Site*
- *Processing Facility*

Appendix E: Cultivation Activities Schedule

Appendix F: Material Data Safety Sheets