

**CEQA ADDENDUM TO THE  
MITIGATED NEGATIVE DECLARATION FOR THE COMMERCIAL MEDICAL  
MARIJUANA LAND USE ORDINANCE**

**Commercial Medical Marijuana Land Use Ordinance Mitigated Negative Declaration  
(MND)  
(State Clearinghouse # 2015102005), January 2016**

**APN 522-033-010; 5995 Old Three Creeks Road, Willow Creek area  
County of Humboldt**

**Prepared By  
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## **Background**

### **Modified Project Description and Project History –**

The Commercial Medical Marijuana Land Use Ordinance (CMMLUO) established specific regulations for commercial cannabis operations in Humboldt County. These regulations were developed in concert with the Mitigated Negative Declaration (MND) that was adopted for the ordinance to implement the mitigation measures of the MND. The MND addressed the broad environmental impacts that could be expected to occur from the adoption and implementation of the ordinance. The MND specified that the regulations established in the CMMLUO would mitigate the impacts of existing cannabis operations by establishing regulations for an existing unregulated land use to help prevent and reduce environmental impacts that are known to result from unpermitted baseline cultivation operations. Commercial cannabis cultivation in existence as of December 31, 2015, was included in the environmental baseline for the MND and the MND states that “Bringing existing operations into compliance will help to attenuate potential environmental effects from existing cultivation activities, including aesthetic impacts resulting from improper operation or poor siting.” The current project was contemplated by the MND and compliance with the provisions of the CMMLUO will fully mitigate all environmental impacts of the project to a less-than-significant level.

The modified project is a Special Permit for 10,000 square feet of existing outdoor cannabis cultivation and a 275 square-foot nursery. Water for irrigation is sourced from an existing onsite well. Water for irrigation is stored in seven tanks, totaling 18,200 gallons, and one 2,800-gallon tank reserved for fire protection. An additional 60,000 gallons of tank storage is proposed to support irrigation needs. An estimated 116,800 gallons of water is used per growing season for irrigation. Processing, including drying and bucking, occurs onsite in an existing outbuilding, and trimming will take place off site at a licensed processing facility. Electricity is sourced from solar and generator power and the project is recommended to be conditioned to require transition to on-site renewable energy by January 1, 2026. No employees are proposed. A Special Permit is also requested for work within the Streamside Management Area (SMA) to remove two water tanks, associated tank infrastructure, and to allow for associated remediation activities within the SMA.

A Supply Creek Surface Water Supply Study was conducted to evaluate the cumulative impacts applications in this watershed would have on surface water resources within the Hoopa Tribal Reservation. The study concluded that the project’s cultivation within the Supply Creek watershed would not have a significant impact on surface water runoff within the Supply Creek watershed.

The modified project is consistent with the adopted MND for the CMMLUO because it complies with all standards of the CMMLUO which were intended to mitigate impacts of existing cultivation. These include ensuring supplemental lighting and security lighting adheres to Dark Sky Association standards and ensuring project related noise does not harass nearby wildlife which will limit impacts to biological resources because of light and noise.

**Purpose** - Section 15164 of the California Environmental Quality Act (CEQA) provides that the lead agency shall prepare an addendum to a previously certified MND if some changes or additions are necessary but none of the conditions described in Section 15162 calling for a subsequent Environmental Impact Report (EIR) or Negative Declaration have occurred. Section 15162 states that when an EIR has been certified for a project, no subsequent EIR shall be prepared for that project unless the lead agency determines, on the basis of substantial evidence in the light of the whole record, one or more of the following:

1. Substantial changes are proposed in the project which require major revisions of the previous MND due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or
2. Substantial changes occur with respect to the circumstances under which the project is undertaken which will require major revisions of the previous MND due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or
3. New information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous MND was certified as complete, shows any of the following: A) the project will have one or more significant effects not discussed in the previous MND; B) significant effect previously examined will be substantially more severe than shown in the previous MND; C) mitigation measures or alternatives previously found not to be feasible would in fact be feasible and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or D) mitigation measures or alternatives which are considerably different from those analyzed in the previous MND would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.

### **Summary of Significant Project Effects and Mitigation Recommended**

A review of Appendix G impacts:

**Aesthetics**: The project is for 10,000 SF of existing outdoor cannabis cultivation including ancillary propagation. The project will not significantly impact scenic vistas or public views as the project will occur within an area that is surrounded by forested land. The project is consistent with the agricultural visual character of the area. The project will not create a source of light or glare as the project is conditioned to adhere to International Dark Sky Association standards. Less than significant impact.

**Agriculture and Forestry Resources**: The project involves an agricultural activity on a parcel zoned as Timberland Production Zone (TPZ), in which all general agricultural uses are principally permitted. The project will not convert prime farmland or conflict with existing zoning for agricultural use or Williamson Act contract. The project will not result in the loss of forest land or conversion of forest land to non-forest use. No timber conversion occurred after

the CMMLUO environmental baseline date of January 1, 2016, and no additional timber conversion is proposed or authorized under the permit. Less than significant impact.

**Air Quality:** No construction activities are proposed as part of the project. Construction activities included development of the cultivation and nursery spaces, storage areas, and water storage tanks, which required minimal grading for placement. The project will not expose sensitive receptors to pollutants or create objectionable odors affecting a substantial number of people. The project would not result in significant sources of greenhouse gas emissions. The project does utilize a gravel road, and traffic on gravel roads contribute to PM<sub>10</sub>, for which the North Coast Air Basin is already in non-attainment. However, no employees are proposed and increase in traffic is not expected under the project, as this is an existing operation. As such, the continued use of the gravel road for the project is not a substantial change or additional significant impact not considered under the MND for the CMMLUO. Less than significant impact.

**Biological Resources:** Per review of CDFW's California Natural Diversity Database (CNDDDB), there are no mapped sensitive species onsite and the nearest Northern Spotted Owl (NSO) sighting and activity center are located within one mile of the site. Conditions require the applicant to implement light and noise attenuation measures, refrain from using synthetic netting, ensure refuse is contained in wildlife proof storage, and refrain from using anticoagulant rodenticides to further protect wildlife, as well as transition to 100% renewable energy by January 1, 2026. It was determined that the project and operations will have less than significant impacts with adherence to the recommended conditions of approval. Less than significant impact.

**Cultural Resources:** No known archaeological or historic resources occur within the project area. The project is in the Hoopa Aboriginal Ancestral Territories. The project was referred to the Northwest Information Center and Hoopa Valley Tribe in January 2018. A Cultural Resources Investigation was not required for the project. Ongoing conditions of approval are incorporated regarding the Inadvertent Discoveries Protocol to protect cultural resources. Less than significant impact.

**Energy:** The project is for existing outdoor cannabis cultivation with on-site ancillary propagation, and processing activities. Power is currently provided by solar and one generator, with an additional generator utilized for back-up, if needed. Conditions of approval require the applicant to submit a revised energy use plan that describes the power demand for the project that includes a description of what power is required for (e.g., propagation, cultivation, and processing), how the size of the generator is reasonable based on the power demand, and how the operation will transition to use of 100% renewable energy (e.g., solar, wind, and/or hydropower) sources by January 1, 2026, with a generator to be used for emergencies only. Less than significant impact.

**Geology and Soils:** No new structures are proposed that would expose people to risk of life from earthquakes. The project parcel is mapped in the County GIS as "moderate instability" (2). Cultivation areas are located on existing flats. However, natural slopes within the vicinity of where cultivation occurs is mapped between 15% to 30%, as per the County GIS portal. The applicant will be required to secure permits for all structures and grading related to the cannabis

cultivation and other commercial cannabis activity, including but not limited to, existing greenhouses, water tanks over 5,000 gallons, existing structures associated with drying, processing, and storage, or any activity with a nexus to cannabis, and any noise containment structures as necessary. Additionally, cultivation activities are limited to the immediate area surrounding the cultivation areas, and irrigation runoff and erosion control measures are implemented. Less than significant impact.

**Greenhouse Gas Emissions:** Power is currently provided by solar and one generator, with an additional generator utilized for back-up, if needed. Conditions of approval require the applicant to submit a revised energy use plan that describes the power demand for the project that includes a description of what power is required for (e.g., propagation, cultivation, and processing), how the size of the generator is reasonable based on the power demand, and how the operation will transition to use of 100% renewable energy (e.g., solar, wind, and/or hydropower) sources by January 1, 2026, with a generator to be used for emergencies only. Less than significant impact.

**Hazards and Hazardous Materials:** The project will store fertilizers, herbicides, and fuel in compliance with the California Water Resource Control Board pursuant to Cannabis General Order No. WQ 2019-0001-DWQ. The project does not expose the public to hazards. The project is in a rural area rated as a very high fire risk area; however, no wood framed structures will be constructed as part of this project. The project would not impair emergency response or create a significant risk from wildfire. Less than significant impact.

**Hydrology and Water Quality:** The project is for 10,000 square feet of existing outdoor cannabis cultivation, including ancillary propagation, and processing activities. The project will not degrade any water sources or contribute to sedimentation, as irrigation runoff, erosion control, and watershed protection measures are implemented by the project, as described in the Cultivation and Operations Plan. Less than significant impact.

**Land Use and Planning:** The project proposes an agricultural activity on a parcel zoned as Timberland Production Zone (TPZ), in which all general agricultural uses are principally permitted. The project will not physically divide an established community or result in a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect. No impact.

**Mineral Resources:** No mining is proposed. The project will not result in the loss of availability of a known mineral resources that would be of value to the region and the residents of the state. The project will not result in the loss of availability of a locally important mineral resource recover site. No impact.

**Noise:** The project is located in a rural portion of the County, surrounded by forested land. The project will not result in the generation of excessive groundborne vibration or noise levels. Noise sources from the operation will include those of typical agricultural operations, and the use of the generators; however, the applicant is required to transition to 100% renewable energy before January 1, 2026, and noise attenuation measures will be implemented as conditions of approval. Less than significant impact.

**Population and Housing:** The project is for 10,000 square feet of existing outdoor cannabis cultivation. No housing is proposed nor is any removal of housing proposed. No employees are proposed as part of the project. The project will not induce substantial unplanned population growth in an area nor displace substantial numbers of existing people or housing necessitating the construction of replacement housing. No impact.

**Public Services:** The project is for 10,000 square feet of existing outdoor cannabis cultivation with ancillary propagation and processing activities on a parcel where agricultural activities are principally permitted. The project will not increase the need for fire or law enforcement services. The project is not within 600 feet of a school or park. Less than significant impact.

**Recreation:** The project site is private property and contains no recreational facilities nor are recreational facilities accessed through the property. No impact.

**Transportation:** No employees are proposed as part of the project. Old 3 Creeks Road is not a Category 4 County-maintained roadway; however, road evaluation reports were prepared for Old 3 Creeks Road and the unnamed access road by the applicant, which indicate that both roads are maintained by a road association and that both roads are developed to the functional equivalent of a road Category 4 standard and were found to be functionally appropriate for the expected traffic. Less than significant impact.

**Tribal Cultural Resources:** No known archaeological or historic resources occur within the project area. The project is in the Hoopa Aboriginal Ancestral Territories. The project was referred to the Northwest Information Center and Hoopa Valley Tribe in January 2018. A Cultural Resources Investigation was not required for the project. Ongoing conditions of approval are incorporated regarding the Inadvertent Discoveries Protocol to protect cultural resources. Less than significant impact.

**Utilities and Service Systems:** Green waste material is composted onsite within a small area equipped with perimeter containment. Trash and recycling are stored in contractor bags in an outbuilding prior to removal, then hauled to an approved transfer station/disposal facility. Toilet, handwashing, and shower hot water facilities are located inside of the bathhouse structure. Wastewater is treated onsite with a septic system. The septic system is not yet permitted. In the interim the applicant purposes to use a regularly serviced portable toilet and hand washing unit. Water for propagation and cultivation will be sourced from a groundwater well and associated existing and proposed storage tanks. Less than significant impact.

**Wildfire:** The project will not interfere with any evacuation plan. The project will not develop any significant new structures that will increase the risk of wildfire. Less than significant impact.

No changes are proposed for the original MND recommended mitigation measures. The proposal to authorize the continued operation of an existing cannabis cultivation site consisting of 10,000 SF of outdoor cultivation with ancillary processing activities is fully consistent with the impacts identified and adequately mitigated in the original MND. The project as conditioned to

implement responsible agency recommendations, results in no significantly adverse environmental effects beyond those identified in the MND. Compliance with the CMMLUO ensures consistency with the adopted MND and provides for mitigation of all project related impacts to a less-than-significant level.

In reviewing the application for consistency with the adopted MND, the County considered the following information and studies, among other documents:

- Revised Site Plan prepared by PR Professional Services.
- Cultivation and Operations Plan.
- Cultivation and Operations Plan addendum.
- Site Management Plan (WDID- 1\_12CC419822) prepared by Mother Earth Engineering.
- Timber Operations Work Completion and/or Stocking Report prepared by the California Department of Forestry and Fire Protection.
- Road Evaluation Reports for Old 3 Creeks Road and the unnamed access road.
- Division of Environmental Health Attachment for Commercial Medical Marijuana Clearances/ Permits.
- Streambed Alteration Agreement.
- Supply Creek Surface Water Supply Study prepared by HMC Engineering, Inc.
- Well Completion Report.
- County GIS.

### **Other CEQA Considerations**

Staff suggests no changes for the revised project.

### **EXPLANATION OF DECISION NOT TO PREPARE A SUPPLEMENTAL MITIGATED NEGATIVE DECLARATION OR ENVIRONMENTAL IMPACT REPORT**

See **Purpose** statement above.

In every impact category analyzed in this review, the projected consequences of the current project proposal are either the same or less than significantly increased than the initial project for which the MND was adopted.

### **Project impact analysis of conformance to the Mitigated Negative Declaration Substituted Mitigation Monitoring and Reporting Program**

Mitigation Measure 1: Required setback from tribal cultural resources and tribal consultation process (55.4.10(o) and 55.4.10(c)).

- No known archaeological or historic resources occur within the project area. The project is in the Hoopa Aboriginal Ancestral Territories. The project was referred to the Northwest Information Center and Hoopa Valley Tribe in January 2018. A Cultural Resources Investigation was not required for the project. Ongoing conditions of approval

are incorporated regarding the Inadvertent Discoveries Protocol to protect cultural resources. Less than significant impact.

Mitigation Measure 2: Curing violations of state, county code (55.4.11(a)).

- The project is for existing cultivation and project approval includes a compliance agreement to cure unresolved violations of state or county code.

Mitigation Measure 3: Required setbacks from watercourses, wetlands, and Environmentally Sensitive Habitat Areas (55.4.11(d)).

- The project is located within the inland portion of the County and is subject to the setback standards in the Streamside Management Areas and Wetlands Ordinance as well as Chapter 10 (Conservation and Open Space Elements) of the General Plan. Three watercourses (one Class II and two Class III) watercourses traverse the site. However, all cultivation areas occur outside of all required SMA buffers. A Special Permit is requested for work within the Streamside Management Area (SMA) to remove two water tanks, associated tank infrastructure, and to allow for associated remediation activities within the SMA.

Mitigation Measure 4: Permitting Tiers and related requirements (55.4.8.2 et seq.)

- The project is for 10,000 square feet of existing outdoor cannabis cultivation with ancillary propagation and processing activities in a Timberland Production Zone (TPZ) zone, which requires a Special Permit. The project complies with the requirements described in 55.4.8.2 et seq.

Mitigation Measure 5: Retirement, Remediation, and Relocation Program (55.4.14)

- The project is not participating in the Retirement, Remediation, and Relocation program; therefore, this mitigation measure does not apply.

Mitigation Measure 6: Cannabis Cultivation on Forest Lands

- This project is for existing cultivation consistent with baseline conditions which is eligible in the Timberland Production Zone (TPZ) zoning district. No new increased cultivation will occur. A Less Than Three Acre Conversion Exemption (1-15EX-133HUM) was issued by CAL FIRE in 2015. A Timber Operations Work Completion and/or Stocking Report was prepared by the California Department of Forestry and Fire Protection (Cal Fire) and concluded that on April 28, 2016 “all work on this Less-Than-3- Acre Conversion Exemption was completed. No Stocking Report is required.” Cal Fire provided a Final Completion Inspection Report for the project on November 28, 2016, and concluded that all timber operations including slash treatment appear to have been completed. No violations were observed in the logging area.

Mitigation Measure 7: Use of fertilizer, pesticide, fungicide, rodenticide, or herbicide (55.4.11(j)).

- The project operations plan describes measures that will be taken to properly store and handle hazardous materials. Compliance with the operations plan is a condition of project approval. The use of anticoagulant rodenticide is prohibited. The project is conditioned



requiring the applicant to provide written compliance with the Certified Unified Program Agency (CUPA) requirements.

Mitigation Measure 8: Diversion of surface water and trucked water (55.4.11(l)-(m)).

- Water for propagation and cultivation is sourced from a permitted groundwater well and associated storage tanks.

Mitigation Measure 9: Generator Use (55.4.11(o)).

- Power is currently provided by solar and one generator, with an additional generator utilized for back-up, if needed. Conditions of approval require the applicant to submit a revised energy use plan that describes the power demand for the project that includes a description of what power is required for (e.g., propagation, cultivation, and processing), how the size of the generator is reasonable based on the power demand, and how the operation will transition to use of 100% renewable energy (e.g., solar, wind, and/or hydropower) sources by January 1, 2026, with a generator to be used for emergencies only. The project is conditioned that noise levels from generators measured at 100 feet or the edge of habitat, whichever is closer, shall be at or below 50 decibels (dB). Less than significant impact.

Mitigation Measure 10: Storage of Fuel (55.4.11(p)).

- The project is conditioned that fuel shall be stored and handled in compliance with applicable state and local laws and regulations and in such a way that no spillage occurs.

Mitigation Measure 11: Performance Standards for Cultivation and Processing Activities (55.4.11(q)-(u)).

- The project is conditioned that the applicant provide a statement declaring they are 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).
- The project includes onsite processing (drying and bucking) activities, and the project is conditioned that the applicant adheres to relevant performance standards identified in Section 55.4.11 (q-u) of the CMMLUO.

Mitigation Measure 12: Performance Standards for Mixed Light Cultivation (55.4.11).

- The project includes mixed light ancillary propagation. Conditions of approval require the applicant to implement light attenuation measures. Such measures include required compliance with International Dark Sky Association standards Lighting Zone 0 and Lighting Zone 1, and requiring the project be designed to regulate light spillage onto neighboring properties resulting from backlight, up light, or glare (BUG).

Mitigation Measure 13: Humboldt Artisanal Branding Provision (55.4.15).

- The proposed project is for more than 3,000 square feet; therefore, this measure does not apply.

#### Mitigation Measure 14: Sunset Clause for applications

- The application was received on December 29, 2016, prior to the sunset of the ordinance.

Based upon this review, the following findings are supported:

#### **FINDINGS**

1. The proposed project will permit an existing cannabis operation and bring the operation into compliance with county and state requirements intended to adequately mitigate environmental impacts.
2. The circumstances under which the project was approved have not changed substantially. There are no new significant environmental effects and no substantial increases in the severity of previously identified effects.
3. For the current proposed project, there has been no new information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous MND was adopted as complete.

#### **CONCLUSION**

Based on these findings it is concluded that an Addendum to the certified MND is appropriate to address the requirements under CEQA for the current project proposal. All of the findings, mitigation requirements, and mitigation and monitoring program of the MND, remain in full force and effect on the original project.