

**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 208-221-006-000, Mad River 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.

A Conditional Use Permit for 21,120 square feet (SF) of existing outdoor commercial cannabis cultivation. Light deprivation techniques are utilized to achieve two harvests annually. Water for irrigation will be provided by an existing well. The expected annual water use is 193,000 gallons (8.97 gallons/square foot). There is a total of approximately 55,500 gallons of available water storage currently on site. Processing such as drying and curing will occur onsite in an existing structure 2,100 SF structure. Further processing will occur at a licensed third-party processing facility. Energy for the project will be supplied by three 7kW generators which also serve power for domestic purposes. The project is conditioned to transition to renewable energy by January 1, 2026. The applicant is also seeking a Special Permit for remediation within the Streamside Management Area.

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 21,120 square feet of existing outdoor commercial 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 Forest Recreation (FR), 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 new construction is proposed. 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 PM₁₀, for which the North Coast Air Basin is already in non-attainment. Up to six (6) seasonal employees are proposed and an 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: A Biological Resource Assessment was completed February 2019 following a habitat assessment by TransTerra Consulting on January 29, 2019. The assessment evaluated listed species and species of special concern (SOC). The study area was scanned for wildlife sign including tracks, scat, tree habitat (cavities, nests scrapes or accumulated vegetation) as well as special habitat types and habitats associated with rare plant species. The observations were concentrated around cultivation sites, roads and watercourses. The California Natural Diversity Database (CNDDDB) RareFind and Spotted Owl Database, and California Native Plant Society (CNPS) databases were used to assess potential rare species. Two special status species are mapped as potentially present: Bolander's catchfly (*Silene bolanderi*) and Oregon goldthread (*Coptis laciniata*). Critical Habitat for the Northern Spotted Owl (NSO) (*Strix occidentalis caurina*) occurs 0.25 miles from the project site. The nearest Northern Spotted Owl (NSO) activity center is located approximately 0.4 miles from the nearest cultivation area, with the nearest NSO sighting located approximately 0.53 miles away. Conditions of approval require the applicant to implement light and noise attenuation measures, ensure refuse is contained in wildlife proof storage, and refrain from using anticoagulant rodenticides to further protect wildlife. Further, the Applicant is required to adhere to all conditions as approved in the required Final Lake or Streambed Alteration Agreement. The project has also been conditioned to ensure supplemental lighting associated with the onsite nursery adheres to Dark Sky Association standards including security lighting. 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. 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: The project was referred to the Northwest Information Center and the Bear River Band of the Rohnerville Rancheria and the Wiyot tribe. The Bear River Tribal Historic Preservation Officer requested the standard inadvertent discovery protocol. Less than significant impact.

Energy: The project is for existing cannabis cultivation with a primary source of electricity currently being sourced from three (3) 7-kilowatt generators. The generators are used for an

estimated 12 hours a day for domestic purposes. During the cultivation season (March through November) the applicant estimates the generators will be ran for up to 4 hours a day to power cultivation related equipment including fans and drying equipment. The applicant has provided plans prepared by Peterson Design Group to add a photovoltaic solar system to provide power for commercial cultivation and support infrastructure. The project is conditioned to transition to 100 percent on-site renewable energy by January 1, 2026. 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 high geologic instability. The existing cultivation is in areas with slopes of 15% or less. Cultivation areas are located on existing flats. 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. The project has a Site Management Plan in accordance with the State Water Board General Order. Less than significant impact.

Greenhouse Gas Emissions: The project is for existing cannabis cultivation with a primary source of electrical power for outdoor cultivation from a three (2) generators, however, the project is conditioned to transition to 100 percent on-site renewable energy by January 1, 2026.. 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 1_12CC412048. 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 21,120 square feet of existing outdoor commercial cannabis cultivation including ancillary propagation. 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 Forestry Recreation (FR), 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 resource 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 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 a backup generator in emergency situations only. The project is conditioned limiting noise to 50dB at 100 feet or forest edge, whichever is closer. Less than significant impact.

Population and Housing: No housing is proposed nor is any removal of housing proposed. One (1) employees is 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 existing outdoor cannabis cultivation and drying 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: Up to six (6) employees are proposed as part of the project. Access roads are Category 4 privately-maintained roadway. A Road Evaluation Report was submitted with photographic evidence by the applicant. The entire Road segment is developed to a usable standard; however, several repairs are needed. The applicant is conditioned to make the repairs and to develop the road to the functional equivalent of a road Category 4 standard with the recommended improvements and were found to be functionally appropriate for the expected traffic. Less than significant impact.

Tribal Cultural Resources: The project was referred to the Northwest Information Center and the Bear River Band of the Rohnerville Rancheria and the Wiyot tribe. The Bear River Tribal Historic Preservation Officer requested the standard inadvertent discovery protocol. Less than significant impact.

Utilities and Service Systems: Trash and recycling are stored then hauled to an approved transfer station/disposal facility. Toilet and handwashing are available through portable facilities. Water for propagation and cultivation will be sourced from a permitted 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 21,120 square feet of existing outdoor commercial cannabis cultivation including ancillary propagation is fully consistent with the impacts identified and adequately mitigated in the original MND. The project is conditioned to implement responsible agency recommendations, resulting 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:

- Site Plan
- Cultivation and Operations Plan
- Road Evaluation
- County GIS
- Site Management Plan
- LSAA
- Hydrologic Isolation of a Well Assessment
- Timber Conversion Report
- Timber Restocking Plan
- Site Management Plan
- Biological Assessment

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)).

- Ongoing conditions of approval are incorporated regarding the Inadvertent Discoveries Protocol to protect cultural resources.

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. All cultivation areas are conditioned to occur outside of all required SMA buffers.

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

- The project is for 21,120 square feet of existing outdoor commercial cannabis cultivation including ancillary propagation and processing activities in an Forestry Recreation (FR) zone, which requires a Conditional Use 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 Forestry Recreation (FR) zoning district. No new increased cultivation will occur. No timber harvest is proposed.

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

- The project is conditioned to implement 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 well and associated storage tanks.

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

- The primary source of electrical power for outdoor cultivation is from three (3) 7-kilowatt generators. The applicant has provided plans prepared by Peterson Design Group to add a photovoltaic solar system to provide power for commercial cultivation and support infrastructure. The project is conditioned to transition to 100 percent on-site renewable energy by January 1, 2026. The project is also conditioned such 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 provides 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).
- Drying occurs on site.

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

- The project includes existing outdoor primary cultivation and is conditioned in the event of supplemental lighting use for ancillary nursery areas. Conditions of approval require the applicant to implement light attenuation measures. Such measures include required compliance with International Dark Sky Association standards for 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.

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

- The proposed project is 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 19, 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 the findings, mitigation requirements, and mitigation and monitoring program of the MND, remain in full force and effect on the original project.