

**RESOLUTION OF THE ZONING ADMINISTRATOR
OF THE COUNTY OF HUMBOLDT**

Resolution Number 24-037

Record Number PLN-11454-ZCC

Assessor's Parcel Numbers: 217-282-015-000

Resolution by the Zoning Administrator of the County of Humboldt certifying compliance with the California Environmental Quality Act and conditionally approves Native Humboldt Farms Zoning Clearance Certificate and Special Permit.

WHEREAS, Native Humboldt Farms, LLC, seeks a Zoning Clearance Certificate for 5,000 square feet of existing outdoor cannabis cultivation and a Special Permit for the ongoing use of a point of diversion for the water for irrigation from an existing on-site spring. Water is stored in 15 hard tanks (34,500 gallons) and the applicant proposes to add an additional two hard tanks (5,000 gallons) for a total of 39,500 gallons of available water storage. Estimated annual water usage is 41,000 gallons. All processing is completed at a licensed off-site processing facility. Electricity is sourced from PGE.

WHEREAS, the lead agency, prepared an Addendum to the Final Mitigated Negative Declaration (MND) prepared for the Commercial Medical Land Use Ordinance (CMMLUO) adopted by the Humboldt County Board of Supervisors on January 26, 2016. The proposed project does not present substantial changes that would require major revisions to the previous Mitigated Negative Declaration. No new information of substantial importance that was not known and could not be known at the time was presented as described by §15162(c) of CEQA Guidelines; and

WHEREAS, the Humboldt County Zoning Administrator held a duly-noticed public hearing on November 7, 2024, and reviewed, considered, and discussed the application for a Special Permit and reviewed and considered all evidence and testimony presented at the hearing.

Now, THEREFORE BE IT RESOLVED, that the Zoning Administrator makes all the following findings:

- 1. FINDING:** **Project Description:** Zoning Clearance Certificate for 5,000 square feet of existing outdoor cannabis cultivation and a Special Permit for the ongoing use of a point of diversion for the water for irrigation from an existing on-site spring. Water is stored in 15 hard tanks (34,500 gallons) and the applicant proposes to add an additional two hard tanks (5,000 gallons) for a total of 39,500 gallons of available water storage. Estimated annual water usage is 41,000 gallons. All processing is completed at a licensed off-site processing facility. Electricity is sourced from PGE.

EVIDENCE: a) Project File: PLN-11454-ZCC

2. FINDING: **CEQA.** The project complies with the requirements of the California Environmental Quality Act. The Humboldt County Zoning Administrator has considered the Mitigated Negative Declaration previously adopted for the Commercial Medical Marijuana Land Use Ordinance as well as the Addendum to the Mitigated Negative Declaration that was prepared for the project pursuant to Section 15164 of the CEQA guidelines.

EVIDENCE:

- a) Addendum Prepared for the proposed project.
- b) The proposed project does not present substantial changes that require major revisions to the previous mitigated negative declaration. No new information of substantial importance that was not known and could not be known at the time was presented as described by §15162(c) of CEQA Guidelines.
- c) Northern Spotted Owl habitat does not exist in the vicinity and the nearest activity center is 0.72 miles from the site. The project is conditioned to adhere to noise and light 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 proposed and conditioned, the project is consistent with CMMLUO performance standards and CDFW guidance and will not negatively impact NSO or other sensitive species. Dark Sky Standards for greenhouse lighting and security lighting, refrain from using synthetic netting, ensure refuse is contained in wildlife-proof storage and refrain from using anticoagulant rodenticides to further protect wildlife.
- d) The project was referred to the Northwest Information Center and Bear River Band of the Rohnerville Rancheria; both requested a Cultural Resources Survey. A Cultural Resources Investigation was conducted by William Rich and Associates in January 2022. The report concludes that mineral sediments on the ground surface were observed over much of the parcel; however, the parcel has been disturbed in the past, with much of the surface impacted by roads, trails, gardens, or buildings. The report concludes no significant archaeological or historic period cultural resources, that for the purposes of CEQA would be considered an historical resource, exist

in the subject parcel proposed for cannabis cultivation. One single ancestral Native American artifact was identified during the field survey, approximately 100 feet northeast of the cultivation area in the north-central part of the property. The artifact is a piece of flaked-stonedebitage, an interior core-reduction flake of Franciscan chert. The Inadvertent Discoveries Protocol to protect cultural resources and tribal cultural resources has been added as a condition of approval (B1).

FINDINGS FOR SPECIAL PERMIT

3. FINDING: The proposed development is in conformance with the County General Plan, Open Space Plan, and the Open Space Action Program.

EVIDENCE:

- a) General agriculture is a use type permitted in the Rural Community Center (RCC) land use designation. The proposed cannabis cultivation, an agricultural product, is within land planned and zoned for agricultural purposes, consistent with the use of Open Space land for managed production of resources. The use of an agricultural parcel for commercial agriculture is consistent with the Open Space Plan and Open Space Action Program. Therefore, the project is consistent with and complimentary to the Open Space Plan and its Open Space Action Program.
- b) General Plan 2017, Section 10.6.4 discusses methods to identify and protect sensitive cultural resources and archaeological artifacts, and methods to address development with the potential of losing or destroying those resources.

4. FINDING: The proposed development is consistent with the purposes of the existing Unclassified (U) Zone in which the site is located.

EVIDENCE:

- a) The Unclassified (U) Zone is applied to area of the county in which general agriculture uses in which growing cannabis is a principally permitted use.
- b) All general agricultural uses are principally permitted in the Unclassified (U) Zone.
- c) Humboldt County Code section 314-55.4.8.2.2 allows cultivation of up to 43,560 SF of existing outdoor cannabis and up to 22,000 SF of

existing mixed-light cannabis on a parcel over 1 acre subject to approval of a Conditional Use Permit and a determination that the cultivation was in existence prior to January 1, 2016. The application for 5,000 SF outdoor cultivation on a 5.24-acre parcel is consistent with this and with the cultivation area verification prepared by the County.

- d) All cultivation is over 30 feet from all property lines and there are no public parks, churches, school bus stops or other sensitive receptors within 600 feet of the cultivation areas.

5. FINDING: The proposed development is consistent with the requirements of the CMMLUO Provisions of the Zoning Ordinance.

EVIDENCE:

- a) The CMMLUO allows existing cannabis cultivation to be permitted in areas zoned Unclassified (U).
- b) Irrigation water is sourced from a deeded spring with the applicant adding a rain catchment system in three locations onsite.
- c) Access to the site is via a driveway off a private road via Alderpoint Road. Per the Road evaluation report, performed by OurEvolution Engineering, Inc., Alderpoint Road meets the requirements of a category 4 roadway.
- d) Power is sourced from PGE.
- e) The cultivation of cannabis will not result in the net conversion of timberland post environmental baseline (January 1, 2016). No timber conversion is proposed.
- f) The location of the cultivation complies with all setbacks required in Section 314-55.4.11.d. It is more than 30 from any property line, more than 300 feet from any off-site residence, more than 600 feet from any school, church, public park or Tribal Cultural Resource.

6. FINDING: The cultivation of commercial cannabis and the conditions under which it may be operated or maintained will not be detrimental to the public health, safety, or welfare or materially injurious to properties or improvements in the vicinity.

EVIDENCE:

- a) Access to the site is via a driveway off a private road via Alderpoint

Road. Per the Road evaluation report, performed by OurEvolution Engineering, Inc., Alderpoint Road meets the requirements of a category 4 roadway. The project is conditioned to join or form a road maintenance association.

- b) The site is in a rural part of the County where the typical parcel size are under 40 acres. The proposed cannabis will not be in a location where there is an established neighborhood or other sensitive receptor such as a school, church, park, or other use which may be sensitive to cannabis cultivation.
- c) Irrigation water is sourced from a deeded spring with the applicant adding a rain catchment system in three locations onsite.

7. FINDING: The proposed development does not reduce the residential density for any parcel below that utilized by the Department of Housing and Community Development in determining compliance with housing element law.

EVIDENCE: a) The parcel was not included in the housing inventory of Humboldt County's 2019 Housing Element.

8. FINDING: Approval of this project is consistent with Humboldt County Board of Supervisors' Resolution No. 18-43 which established a limit on the number of permits and acres which may be approved in each of the County's Planning Watersheds.

EVIDENCE: a) Planning staff determined approval of this project is consistent with Humboldt County Board of Supervisors Resolution No. 18-43 which established a limit on the number of permits and acres which may be approved in each of the County's Planning Watersheds. The subject parcel resides within two watersheds, Lower Eel and Middle Main. 4,040 square feet of cultivation resides within Lower Eel while 960 square feet is within Middle Main. The project site is in the Middle Main Eel Planning Watershed, which under Resolution 18-43 is limited to 360 permits and 125 acres of cultivation. With the approval of the project the total approved permits in this Planning Watershed would be 106 permits and the total approved acres would be approximately 44.68 acres of cultivation. The project site is also in the Lower Eel Planning Watershed, which under Resolution

18-43 is limited to 336 permits and 116 acres of cultivation. With the approval of the project the total approved permits in this Planning Watershed would be 79 permits and the total approved acres would be approximately 35.31 acres of cultivation.

DECISION

NOW, THEREFORE, based on the above findings and evidence, the Humboldt County Zoning Administrator does hereby:

- Adopt the findings set forth in this resolution; and
- Conditionally approves the Zoning Clearance Certificate and Special Permit subject to the conditions of approval attached hereto as Attachment 1.

Adopted after review and consideration of all the evidence on **November 7, 2024**.

I, John Ford, Zoning Administrator of the County of Humboldt, do hereby certify the foregoing to be a true and correct record of the action taken on the above-entitled matter by said Zoning Administrator at a meeting held on the date noted above.



John Ford, Zoning Administrator,
Planning and Building Department

CONDITIONS OF APPROVAL

APPROVAL OF THE SPECIAL PERMIT IS CONDITIONED ON THE FOLLOWING TERMS AND REQUIREMENTS.

A. Conditions subject to the compliance agreement must be satisfied before the provisional cannabis cultivation permit is no longer considered provisional. This section also includes conditions that must be completed within specified time frames or completed prior to commencing cultivation.

1. Prior to cultivating, permittee shall maintain enrollment in Tier 1, or 2 certification with State Water Resource Control Board (SWRCB) Order No. WQ 2019-0001-DWQ, if applicable, or any substantially equivalent rule that may be subsequently adopted by the County of Humboldt or other responsible agency
2. Within 60 days of the effective date of permit approval, the permittee shall execute a Compliance Agreement with the Humboldt County Planning and Building Department described under Conditions of Approval A6 through A8. All activities described in the agreement must be completed to the satisfaction of the Planning and Building Department before the permit may be finalized and no longer considered provisional.
3. Within 60 days of the effective date of permit approval, the permittee shall install water meters at the well head, meters will be installed for domestic water, water supply for parcel 317-182-019 and 317-182-020-000 (project 11989). The permittee shall keep monthly records of water usage. The water meter records shall be made available to the Planning Department at each annual inspection or as requested by planning staff.
4. Within 60 days of the effective date of project approval, the permittee shall execute and file with the Planning Division the statement titled, "Notice and Acknowledgment regarding Agricultural Activities in Humboldt County," ("Right to Farm" ordinance) as required by the HCC and available at the Planning and Building Department.
5. Within 60 days of the effective date of project approval, the permittee shall obtain a will-serve letter from the Fire Protection District OR cause to be recorded an "ACKNOWLEDGMENT OF NO AVAILABLE EMERGENCY RESPONSE AND FIRE SUPPRESSION SERVICES" for the parcel(s) on a form provided by the Humboldt County Planning Division. Document review fees as set forth in the schedule of fees and charges as adopted by ordinance of the Humboldt County Board of Supervisors will be required.

6. The Permittee shall secure building permits for all structures and grading associated with the cannabis cultivation project. Permits or exemptions will be required for three sheds, a pond, and any significant grading that occurred to facilitate the cultivation operation.
7. The permittee shall perform the following road improvements, as requested by the Department of Public Works.
 - a. The permittee shall cause to be improved the driveways off of Cemetery Road, by paving the driveway apron for a minimum width of 18 feet and a length of 50 feet to the current standards for a commercial driveway. An encroachment permit shall be issued by the Department of Public Works prior to commencement of any work in the County-maintained right-of-way.
 - b. All driveways and private road intersections onto the County Road shall be maintained in accordance with County Code Section 341-1 (Sight Visibility Ordinance).
 - c. Improve and implement the requests from the Department of Public Works, requesting that all fences and gates be relocated out of the County right-of-way. All gates shall be setback sufficiently from County right-of-way (Mattole Road), such that vehicles do not block traffic when staging to open and close the gate, and no materials shall be stored in the County right of way.
8. The permittee shall be compliant with the County of Humboldt's Certified Unified Program Agency (CUPA) requirements regarding hazardous materials. A written verification of compliance shall be required before any provisional permits may be finalized. Ongoing proof of compliance with this condition shall be required at each annual inspection to keep the permit valid.

B. Ongoing Requirements/Development Restrictions Which Must be Satisfied for the Life of the Project:

1. If cultural resources are encountered during construction activities, the contractor on site shall cease all work in the immediate area and within a 50-foot buffer of the discovery location. A qualified archaeologist and the appropriate Tribal Historic Preservation Officer(s) are to be contacted to evaluate the discovery and, in consultation with the permittee and the lead agency, develop a treatment plan in any instance where significant impacts cannot be avoided. Prehistoric materials may include obsidian or chert flakes, tools, locally darkened midden soils, ground-stone artifacts, shellfish or faunal remains, and human burials. If human remains are found, California Health and Safety Code 7050.5 requires that the County Coroner be

contacted immediately at 707-445-7242. If the Coroner determines the remains to be Native American, the Native American Heritage Commission will then be contacted by the Coroner to determine appropriate treatment of the remains pursuant to Public Resources Code (PRC) Section 5097.98. Violators shall be prosecuted in accordance with PRC Section 5097.99

2. The permittee must demonstrate that a properly functioning onsite wastewater treatment system serves the operation. This can be accomplished by either installing a new, permitted septic system; or alternatively, permittee shall provide DEH with an assessment of the existing system performed by a qualified professional engineer, geologist, soil scientist, or REHS that certifies that the existing system complies with the State RWQCB definition of a Tier 0 system - not impairing groundwater or surface water resources. Until such time that this condition is satisfied, the permittee must use a portable toilet to support the cultivation operation.
3. The permittee shall adhere to the ongoing monitoring and maintenance protocols listed in the table of the Site Management Plan as amended.
4. After December 31, 2025, generators shall be used for emergency purposes only.
5. The combination of background, generator and greenhouse fan or other operational equipment created noise must not result in the harassment of Northern Spotted Owl species as required to meet the performance standards for noise set by Department Policy Statement No. 16-005 clarifying CMMLUO Section 55.4.11 (o) requirements. The combined noise levels measured at 100 feet or the edge of habitat, whichever is closer, shall be at or below 50 decibels. Conformance will be evaluated using current auditory disturbance guidance prepared by the United State Fish and Wildlife Service, and further consultation where necessary. A building permit shall be obtained should any structures be necessary for noise attenuation.
6. All artificial lighting shall be fully contained within propagation structures such that no light escapes (e.g., through blackout tarps). Structures shall be enclosed between 30 minutes prior to sunset and 30 minutes after sunrise to prevent disruption to crepuscular wildlife. Security lighting shall be motion activated and comply with the International Dark-Sky Association standards and Fixture Seal of Approval Program; see: <https://www.darksky.org/our-work/lighting/lighting-for-citizens/lighting-basics/> Standards include but are not limited to the following, 1) light shall be shielded and downward facing, 2) shall consist of Low-Pressure Sodium (LPS) light or low spectrum Light Emitting Diodes (LED) with a color temperature of 3,000 kelvins or less and 3) only placed where needed.

7. Should the Humboldt County Planning Division receive complaints that the lighting or noise is not complying with the standards listed above in items B.6, within ten (10) working days of receiving written notification that a complaint has been filed, the permittee shall submit written verification that the lights' shielding and alignment, and noise levels have been repaired, inspected, and corrected as necessary.
8. Prohibition on use of synthetic netting. To minimize the risk of wildlife entrapment, Permittee shall not use any materials that contain synthetic (e.g., plastic or nylon) netting, including photo- or biodegradable plastic netting. Geotextiles, fiber rolls, and other erosion control measures shall be made of loose-weave mesh, such as jute, hemp, coconut (coir) fiber, or other products without welded weaves.
9. All refuse shall be contained in wildlife proof storage containers, always, and disposed of at an authorized waste management facility. This includes plastic irrigation lines when not in use during the growing season.
10. Should any wildlife be encountered during work activities, the wildlife shall not be disturbed and be allowed to leave the work site unharmed.
11. The use of anticoagulant rodenticide is prohibited.
12. All components of the project shall be developed, operated, and maintained in conformance with the Project Description, the approved Site Plan, the Cultivation & Operations Plan, and these conditions of approval. Changes shall require modification of this permit except where consistent with Humboldt County Code Section 312-11.1, Minor Deviations to Approved Plot Plan.
13. Cannabis cultivation and other commercial cannabis activity shall be conducted in compliance with all laws and regulations as set forth in the CMMLUO and MAUCRSA, as applicable to the permit type.
14. If operating pursuant to a written approved compliance agreement, the permittee shall abate or cure violations at the earliest feasible date, but in no event no more than two (2) years from the date of issuance of a provisional clearance or permit. The permittee shall provide plans for curing such violations to the Planning and Building Department within one (1) year of issuance of the provisional clearance or permit. If good faith effort toward compliance can be shown within the two years following the issuance of the provisional clearance or permit, the Department may, at the discretion of the Director, provide for extensions of the provisional permit to allow additional time to meet the outstanding requirements.

15. Possession of a current, valid required license, or licenses, issued by any agency of the State of California in accordance with the MAUCRSA, and regulations promulgated thereunder, as soon as such licenses become available.
16. Compliance with all statutes, regulations, and requirements of the California State Water Resources Control Board and the Division of Water Rights, at a minimum to include a statement of diversion of surface water from a stream, river, underground stream, or other watercourse required by Water Code Section 5101, or other applicable permit, license, or registration, as applicable.
17. Confinement of the area of cannabis cultivation, processing, manufacture, or distribution to the locations depicted on the approved site plan. The commercial cannabis activity shall be set back at least 30 feet from any property line, and 600 feet from any school, school bus stop, church or other place of religious worship, or tribal cultural resources, except where a reduction to this setback has been approved pursuant to Section 55.4.11(d).
18. Comply with the terms of a less-than-3-acre conversion exemption or timberland conversion permit, approved by the California Department of Forestry and Fire Protection (Cal Fire), if applicable.
19. Consent to an annual on-site compliance inspection, with at least 24 hours prior notice, to be conducted by appropriate County officials during regular business hours (Monday through Friday, 9:00 a.m. to 5:00 p.m., excluding holidays).
20. Refrain from the improper storage or use of any fuels, fertilizer, pesticide, fungicide, rodenticide, or herbicide.
21. Pay all applicable application, review for conformance with conditions and annual inspection fees.
22. Fuel shall be stored and handled in compliance with applicable state and local laws and regulations, including the County of Humboldt's Certified Unified Program Agency (CUPA) program, and in such a way that no spillage occurs.
23. The master logbooks maintained by the permittee to track production and sales shall be maintained for inspection by the County.
24. Pay all applicable taxes as required by the Humboldt County Commercial Marijuana Cultivation Tax Ordinance (Humboldt County Code Section 719-1 et seq.).

25. The permittee is not allowed to utilize stringed lighting in the outdoor cultivation greenhouses, and this must be demonstrated through a site inspection.
26. The permittee shall have a dedicated fire suppression tank with a minimum of 2,500-gallon capacity. The designated fire suppression tank shall have the appropriate pipe size and valving requirements for such structures according to the Humboldt County Fire Safe Regulations Ordinance No. 2540 (Humboldt County, 2015) and shall meet minimum CalFire SRA requirements.

Performance Standards for Cultivation and Processing Operations

27. Cultivators shall comply with all applicable federal, state, and local laws and regulations governing California Agricultural Employers, which may include federal and state wage and hour laws, Cal/OSHA, OSHA, the California Agricultural Labor Relations Act, and the Humboldt County Code (including the Building Code).
28. Cultivators engaged in processing shall comply with the following Processing Practices:
 - a. Processing operations must be maintained in a clean and sanitary condition including all work surfaces and equipment.
 - b. Processing operations must implement protocols which prevent processing contamination and mold and mildew growth on cannabis.
 - c. Employees handling cannabis in processing operations must have access to facemasks and gloves in good operable condition as applicable to their job function.
 - d. Employees must wash hands sufficiently when handling cannabis or use gloves.
29. All persons hiring employees to engage in commercial cannabis cultivation and processing shall comply with the following Employee Safety Practices:
 - a. Cultivation operations and processing operations must implement safety protocols and provide all employees with adequate safety training relevant to their specific job functions, which may include:
 - (1) Emergency action response planning as necessary;
 - (2) Employee accident reporting and investigation policies;
 - (3) Fire prevention;
 - (4) Hazard communication policies, including maintenance of material safety data sheets (MSDS);
 - (5) Materials handling policies;

- (6) Job hazard analyses; and
- (7) Personal protective equipment policies, including respiratory protection.
- b. Cultivation operations and processing operations must visibly post and maintain an emergency contact list which includes at a minimum:
 - (1) Operation manager contacts;
 - (2) Emergency responder contacts; and
 - (3) Poison control contacts.
- c. At all times, employees shall have access to safe drinking water and toilets and handwashing facilities that comply with applicable federal, state, and local laws and regulations. Plumbing facilities and water source must be capable of handling increased usage without adverse consequences to neighboring properties or the environment.
- d. On-site housing provided to employees shall comply with all applicable federal, state, and local laws and regulations.

30. All cultivators shall comply with the approved processing plan as to the following:

- a. Processing practices
- b. Location where processing will occur
- c. Number of employees, if any
- d. Employee Safety Practices
- e. Toilet and handwashing facilities
- f. Plumbing and/or septic system and whether or not the system is capable of handling increased usage
- g. Drinking water for employees
- h. Plan to minimize impact from increased road use resulting from processing
- i. On-site housing, if any

31. Term of Commercial Cannabis Activity Conditional Use Permit & Special Permits. Any Commercial Cannabis Cultivation CUP issued pursuant to the CMMLUO shall expire one (1) year after date of issuance, and on the anniversary date of such issuance each year thereafter, unless an annual compliance inspection has been conducted and the permittees and the permitted site have been found to comply with all conditions of approval.

32. If the inspector or other County official determines that the permittees or site do not

comply with the conditions of approval, the inspector shall serve the permit holder with a written statement identifying the items not in compliance, and the action that the permit holder may take to cure the noncompliance, or file an appeal within ten (10) days of the date that the written statement is delivered to the permit holder. Personal delivery or mailing the written statement to the mailing address listed on the application by regular mail, plus three (3) days after date of mailing, shall constitute delivery. The permit holder may request a reinspection to determine whether or not the permit holder has cured all issues of noncompliance. Failure to request reinspection or to cure any items of noncompliance shall terminate the Conditional Use Permit, immediately upon the expiration of any appeal period, or final determination of the appeal if an appeal has been timely filed pursuant to Section 55.4.13.

33. Permit Renewals to Comply with Updated Laws and Regulations. Permit renewal is subject to the laws and regulations effective at the time of renewal, which may be substantially different than the regulations currently in place and may require the submittal of additional information to ensure that new standards are met.

34. Acknowledgements to Remain in Full Force and Effect. Permittee acknowledges that the County reserves the right to reduce the size of the area allowed for cultivation under any clearance or permit issued in accordance with this section if environmental conditions, such as a sustained drought or low flows in the watershed in which the cultivation area is located, will not support diversions for irrigation.

35. Transfers. Transfer of any leases or permits approved by this project is subject to the review and approval of the Planning Director for conformance with CMMLUO eligibility requirements and agreement to permit terms and acknowledgments. The fee for required permit transfer review shall accompany the request. The request shall include the following information:

- a. Identifying information for the new owner(s) and management as required in an initial permit application;
- b. A written acknowledgment by the new owner in accordance as required for the initial permit application;
- c. The specific date on which the transfer is to occur;
- d. Acknowledgement of full responsibility for complying with the existing permit; and
- e. Execution of an Affidavit of Non-diversion of Medical Cannabis.

36. Inspections. The permit holder and subject property owner are to permit the County or representative(s) or designee(s) to make inspections at any reasonable time

deemed necessary to assure that the activities being performed under the authority of this permit are in accordance with the terms and conditions prescribed herein.

Informational Notes:

1. Per Section 1273.03 of State Fire Safe Regulations: (a) At no point shall the grade for all roads and driveways exceed 16 percent; (b) The grade may exceed 16%, not to exceed 20%, with approval from the County of Humboldt Planning & Building Department with mitigations, such as paving, to provide for the same practical effect.
2. The permittee shall be aware that the Federal Government considers the cultivation of cannabis to be an illegal activity. This project is accessed by using roads that pass-through lands owned by the Federal Government. The Federal Government may not allow the permittee to use these roads to transport cannabis. In such case, Humboldt County will not provide relief to the permittee. Approval of this permit does not authorize transportation of cannabis across Federal lands.



At Native Humboldt Farms we grow outdoor medical cannabis without the use of artificial light. Our main goal at Native Humboldt farms is to ensure the protection of watershed and nearby habitat as best we possibly can. It has always been our goal to make the least possible environmental impact, and that is something that we will carry through into the years to come. We implement this through a variety of different ways, but the biggest being our Conservation Tillage, and our closely monitored Nutrient and Pest Management programs.

First, our Conservation Tillage program that we are currently implementing, will help reduce run off as well as soil erosion. It will help control the runoff of excess nutrients, and it helps to conserve soil moisture. Everything has been converted, or is in the process of being converted, from bags into raised beds. We are moving towards a No Till program. This will improve the organic matter in the soil, increase infiltration, improve soil structure, reduce erosion, increase the granular structure to surface, increase the soil aggregate stability, and allow more water holding capacity. It will also allow less soil ponding. We leave the root biomass in the soil, and we try to leave the micropore structure as undisturbed as possible. Ultimately this will increase the plant available water, and it also creates pathways for nutrients to travel with ease. Conservation Tillage will, when implemented correctly, improve soil, water and air quality. That is most certainly what we are striving for.

Secondly, we have a strict, and well monitored, Nutrient Management Program in place at Native Humboldt Farms. We want to ensure that we are limiting the amount of excess nutrients that are being transported into the surrounding habitat and watershed through runoff. In order to do this, the first thing we do is make sure that we are not applying any excess of nutrients to the plant beds. We also make sure that we are applying nutrients in the most efficient ways possible. We use foliar sprays, as well as root feed through compost teas. We want to give the plant the best chance at absorbing the nutrients that we are introducing. We want to know that the nutrients are actually being absorbed and not just running off in excess. Using compost teas as a way to apply our nutrients, helps to eliminate negative environmental impacts of nutrient run off. By creating live soil, and ensuring that there is an excess of living organisms in the soil, we allow the plant the best chance of being able to uptake the nutrients. The live organisms in the compost teas do part of the work for the plants. They help to break down the nutrients so that the plants can uptake them more easily. This helps to ensure that the nutrients are actually absorbed and helps prevent excess nutrient runoff into the environment. Unfortunately, all nutrient cycles are somewhat leaky, but we certainly try to use the best possible nutrient management practices to minimize the negative environmental effects as much as we possibly can. We spray with kelp at 0-17-0 once a week during the first four weeks of our cycle. We water with a compost tea once a

week, every week of our cycle. The Nutrients included in the compost tea are: Kelp, Seabird Guano, Molasses, worm castings, and compost. We will be conducting soil testing once every two months. We will test for microbes in an attempt to control the soil

environment, and allow the best possible combination of living organisms that most benefit the plants and nutrient absorption. We will also be testing for nitrogen, phosphorus, potassium and soil organic matter. The goal is to ensure there is not an excess of any one nutrient, therefore reducing the risk of excess nutrient runoff into the environment. We will also be testing the PH level of the water used for irrigation to ensure it is at the optimal level. This will make sure that the plants have the best chance of functioning properly. The goal is to ensure the proper uptake of water and nutrients to prevent erosion and nutrient runoff into the environment. All of our nutrients are stored in a storage shed and all are securely strapped down to prevent movement.

As far as a Pest Management Plan at Native Humboldt Farms, we are very proactive and believe the only solution is preventive measures. We create our own clones, so we are able to make sure each plant is healthy from start to finish. We use a Biological Integrated Pest Management System. Our entire Pest Management System revolves around our Nutrient Management Program, and our sole use of compost teas. The idea is to create live soil. We create the ideal environment for the plant to thrive. The presence of live organisms in the soil aid in the breakdown of nutrients and therefore help each plant to function at its optimal capacity. Biological Integrated Pest Management helps the plants to be stronger, more resistant and more resilient to pests and pathogens. We choose not to use chemical pesticides. Instead we try to do everything we can do to utilize other strategies in an attempt to reduce environmental hazards associated with pest management. Compost teas can be looked at as a Biological Integrated Pest Management approach. The goal is to help prevent problems from developing as opposed to waiting until there is an infestation and then killing it with chemical pesticides. We use living organisms in an attempt to suppress populations of other pests and prevent them from getting out of control.

Water Storage: We currently have 26,000 gallons of water storage on site in plastic tanks that are various sizes ranging from 1000 gallons up to 2500 gallons. In January we begin to pull from our deeded spring that has been approved by fish and wildlife and proven to not affect any of the surrounding watersheds. Its essentially a horizontal well that flows out of the side of a mountain. We were deeded access in 1904. January-April we pull 17,000 gallons from the approved spring and store for use throughout the season. The total sq footage catchment area is 1130 SQFT with assuming 75% efficiency gives us approximately 600 gallons of water per inch of rain which is enough to fill the rest of our tanks. We conserve water through living soil.

FIRE STORAGE : We have a 2500 gallon water tank near the road dedicated to CAL FIRE.

We take all of our own clones at Native Humboldt Farms. We break the square footage down into three cycles of three different runs to stagger the process and ensure optimal use of space, function, and production. We have 10 beds totaling 4,670 sq ft. Cycle one, which I will refer to as C1, includes beds 1,2, and 3 and totals 1440 square feet. Cycle two, which I will refer to as C2, consists of beds 4,5, and 6 and totals 1440 sq ft. Cycle three, which I will refer to as C3, consists of beds 7,8,9, and 10 and totals 1790 sq ft. We will complete three cycles in each of three runs, which I will refer to as R1, R2, and R3. Following is a schedule of activities of each month of the growing and harvesting season.

January 2017: Starting in January 2017, we will be starting the mothers of our cloning program.

February 2017: Starting the first week of February 2017 we will be taking approximately 600 clones for C1 R1. These clones will incorporate approximately 1450 square feet of growing space, and will be planted approximately April 1st. The next week in February will be spent continuing to root clones for C1 R1. Week three we will start to take clones for C2 R1. C2 make up approximately 1440 square feet of growing space and incorporates bed 4,5 and 6. C2 R1 will be planted the third week in April. Week four we will continue to roots clones for C1 and C2 of R1, upsizing the clones into four inch pots as needed.

Different strains root at different times, some certainly take longer than others. Some clones could root in as little as two weeks. Some strains may take up to seven weeks. The weather plays a huge role in the amount of time it will take for a specific plant to root. Our proposed schedule may vary a little from our original plan depending on rooting times and weather etc. We will start our clones in rooting cubes, and eventually transplant them into four inch pots as needed. Eventually they will be transplanted from the four inch pots into the beds.

March 2017: The first week in March 2017, we will continue to care for and root clones for C1 R1 and C2 R1 upsizing as needed. Week two of March we will start taking and rooting clones for C3 R1. The last two weeks in March will be spent taking care of, rooting and

upsizing clones for C1, C2, and C3 of R1. A total of approximately 1800 clones will be taken in R1 and will eventually encompass approximately 4700 square feet of growing space in beds 1-10.

April 2017: April 1st 2017, depending on weather conditions, we will plant C1 of R1. We will transplant approximately 600 plants from four inch pots into beds 1,2, and 3. This will incorporate approximately 1450 square feet of our growing space. We will not be using supplemental lighting, but we will be using heaters to keep the plants warm in an attempt to help them in the growing process. Also, on April 1st, 2017 we will begin taking clones for C1 of R2. This will be approximately 600 clones that will eventually be upsized into four inch pots and then transplanted into beds 1,2, and 3 to encompass approximately 1450 square feet of our growing space. C1 of R2 will be planted the first week of June 2017. During the third week of April we will begin C2 of R1 into beds 4,5, and 6. We will not be using supplemental lighting, but we will be using heaters to keep the plants warm and

encourage healthy growth. We will transplant approximately 600 plants from four inch pots into beds to encompass approximately 1440 square feet of our growing space. During the third week of April we will also begin taking clones for C2 of R2. These clones will be transplanted into beds 4,5, and 6 in the third week of June 2017, and these plants will encompass approximately 1440 square feet of our growing space.

May 2017: The first week in May 2017, we will begin C3 of R1. We will transplant approximately 600 plants from four inch pots into beds 7,8,9, and 10. C3 of R1 will encompass approximately 1800 square feet of our growing space. During the second week of May we will be starting our clones for C3 of R2. We will take approximately 600 clones that will eventually be transplanted into beds 7,8,9 and 10 during the second week of July. The last two weeks in May we will be adding compost teas to C1,C2, and C3, aiding in their growth and preparing them for harvest. We will also continue taking care of, watering, and upsizing clones as needed for C1,C2 and C3 of R2.

June 2017: During the first week of June 2017, we will be harvesting, hanging and drying C1 of R1. Next we will take clones for C1 of R3. This will be approximately 600 clones taken that will eventually be upsized and then planted into beds 1,2, and 3 during the first week in August. During the first week in June, we will also be planting C1 of R2. We will transplant approximately 600 plants from four inch pots into beds 1,2, and 3. This will encompass approximately 1440 square feet. During the third week of June, I will be harvesting C2 R1. I will harvest, hang and dry C2 R1. We will begin taking clones for C2 R3. During the third week in June we will also be replanting C2 R2.

July 2017: During the second week in July 2017, we will harvest C3 R1. These plants will be hanged to dry. Next we will replant C3 R2. Next we will take clones for C3 R3.

August 2017: The first week of August 2017, I will harvest C1 R2 and hang and dry. Next will plant C1 R3. The third week in august I will harvest C2 R2 and hang and dry. Next I will plant C2 R3.

September 2017: During the first week of September 2017 I will harvest, hang and dry C3 R2. Next I will plant C3 R3.

October 2017: During the first week in October 2017 I will harvest, hang and dry C1 R3. The third week in October I will harvest, hang and dry C2 R3.

November 2017: The second week in November, I will harvest C3 R3.

Processing Plan

We will be transporting all finished product to an outside processing facility for processing in Eureka Ca. The address of the processing facility is 514 W 14th street Eureka CA 95501.

Security Plan

We are in the process of completely fencing in the property to secure our grow sites. We have security cameras that monitor entry into the property. We also have dogs onsite as well as someone monitoring the property at all times.

NATIVE HUMBOLDT FARMS LLC
28097 ALDERPOINT RD
4 CEMETERY ROAD
BLOCKSBURG CA 95514

217-282-008

217-281-007

217-281-018

217-281-017

217-282-002

217-282-001

Alderpoint Road

28097
ALDERPOINT RD

217-282-015

APPROVED
NOV - 7 2024
Humboldt County
Planning

OFF SITE PROCESSING

NATIVE HUMBOLDT FARMS
54 W 14TH ST EUREKA CA
CDPH-10003606

TOTAL CANOPY 4800 SQ FT
10 480 SQ FT BEDS

NO SPACE SHARED WITH OTHER
LICENSES

217-282-010

217-282-003
RAIN CATCHMENT WILL TAKE PLACE THROUGH
GUTTER SYSTEMS
EXISTING 2.5K WATER TANKS

Water Storage for FIRE 2500 gal

217-282-015

217-282-006

8x60 RAISED BED
480 SQ FT

CANNABIS WASTE COMPOST
Propagation
DRY SHED/STORAGE

SEED PROPAGATION

217-282-015

SPRING

ENTRANCE/EXIT

WATER STORAGE

NUTRIENT STORAGE

ADMINISTRATIVE HOLD

Cemetery Road

