

## Resumen del formulario

Applicant Name and Title	[REDACTED] Freshwater Farmacy LLC.
Applicant Address	[REDACTED]
Applicant Phone	[REDACTED]
Applicant Email	freshwaterfarmacy@gmail.com
Applicant interest in project/site	40% co-owner
Business/Association Name	Freshwater Farmacy LLC.
Are you applying as a Humboldt County based business, cooperative, association, or nonprofit organization?	Yes
Are 75% or more of its operations based in Humboldt County?	Yes
Are you currently licensed and registered to operate in Humboldt County?	Yes
If you are not licensed or registered to operate in Humboldt County, are you in the process of doing so?	
Are the activities of your business, association, or organization, specific to the cultivation, processing, manufacturing, distribution or retail of cannabis, or whose organization provides support and/or services to the cannabis industry?	Yes
\$10,000 Eligibility	Cultivation (as defined in Humboldt County Code 719-3)
Cultivation Lighting (as defined in Humboldt County Code 719-3)	Outdoor
\$50,000 Eligibility	
[[]]	
If Other, please explain	
What amount of the business is Humboldt-owned? "Humboldt-owned" is defined by registered residency of owners	100% Humboldt-owned
Ownership Structure and Owners	LLC, [REDACTED]
# of FTE Employees	

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Summarize the business/association and its activities Word Limit: 250

Freshwater Farmacy LLC. was created to proactively further regenerative farming techniques and blend them with the need to be commercially competitive. Our objective is to create a system that benefits the earth, our community, and is profitable enough to encourage change in commercial agriculture.

We choose to practice a low disturbance, low input, and a highly diverse farm system. Plants, fungi, beneficial insects, livestock and microbiology are used to increase carbon sequestration along with nutrient cycling and decrease pest and disease. We rely heavily on the idea that our farm is a living organism that with the right management will perpetuate health and abundance.

In addition to soil building we have dedicated our farm to breeding and cultivating a heartier cannabis cultivar called ESC T-111. Which has the ability to thrive in harsh conditions while maintaining high yield. T-111 requires low inputs and is a quick season crop making it ideal for commercial growers.

The farm is 15 miles from the bay and 27ft above sea level. Cultivating outdoors in this location demonstrates the genetic potential of T-111. Our dedication to this cultivar hinges on our confidence it can open up accessibility to new climates for cannabis farming as agricultural land is limited. In addition to its heartiness ESC T-111 is conducive to low resource farming making it both environmentally and economically friendly. We are further exploring this with Hendrx Nursery and the Ethical Data Alliance to bring the best genetics we can to the commercial market.

Program / Project Name

Labor for Freshwater Farmacy LLC.

Requested Amount

USD 10000.00

Total project cost/funding needed:

USD 15000.00

Additional Funding Sources

Farm Revenue

Type of project

Implementation

If Other, please explain

Project Address

████████████████████

Project Assessor's Parcel Number (APN):

403-101-064

Does the project/business consist of a qualified outdoor cultivating operation (as per Humboldt County Land Use Ordinance) that produces less than 10,000 sq. ft. of cannabis (not including co-ops and associations whose cumulative area may exceed 10,000 square feet)?

Yes

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Licenses & Permits	CDFA Cannabis Cultivation Annual Permit, Humboldt County Annual Permit, CDFA Weighmaster license, Articles of Incorporation, Federal Employer Identification Number (FEIN)
Licenses, Permits, & Agreements	<a href="#">archive 1 zip</a>

Word Limit: 500

Freshwater Farmacy LLC is in dire need of labor help. We have three people invested in this company but two of these people have full time positions off farm. Leaving the responsibility of farm manager, bookkeeper, compliance, plant care, and all farm operations to myself, [REDACTED]. I am a very driven person but the reality is that we need labor help and having built our farm from saving and retirement we have exhausted much of our funding to enter the licenced market. I am mother to a wonderful three year old and after losing child care due to covid and an injury this year I realize that it is not possible to run the farm alone. I simply do not have the ability to dedicate the time needed to plant health and management while maintaining compliance. I am asking that you consider helping a minority woman and mother to be a successful entrepreneur in the Cannabis industry.

This year with a minimal infusion of help we took steps to be a healthier, economically successful, and all around happier farm. Dark staffing Solutions crew members in one day helped defoliate one growing bed of the farm. We needed to provide an increase in airflow and the crew was able to cover 2000sqft in one day. As our budget only allowed for one day of labor I struggled to complete the rest of the farm. The benefit of the defoliation visibly reduced pest and pathogen pressure compared to the areas that did not get attended to in the same way. The staff was respectful, efficient, and skilled and showed me exactly how valuable this service was to our company.

Based on the productivity of our one day trail we are requesting funding to hire a crew of five people for the 2021 growing season from Dark Staffing Soutlions. Dark Staffing has quoted me that a \$10,000 limit would provide us with eleven days of labor.

We believe that we can increase the value of our product as well as minimize crop loss by giving our plants proper pruning, weeding, and consistent intervention throughout the growing season. Plant care and airflow is of utmost importance for our farm. The proximity to the ocean and the marine influence increases humidity and although this can be beneficial by lowering water requirements it also creates a high propensity for fungal issues and a need for a higher level of plant care. Labor is integral for our success.

If awarded the grant I would use the eleven days of farm labor in the following ways: field plant cannabis, companion and beneficial attracting plants. Defoliate and bottom to ensure proper airflow/ light penetration, weeding, training of plants, and pre harvest preparation of the field to ensure a quick and efficient harvest/ minimize crop loss. Eleven days of labor would significantly elevate our operation.

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The entirety of the grant funding, if we are awarded it, will go directly to people who need employment in an industry that is fortunate enough to be deemed essential in this time of Covid-19 crisis. The outcome will increase the ability for our citizens to pay for groceries, bills and rent when options to work in a safe and socially distanced setting are so limited and many people are struggling to cover their basic needs.

What is more is that our farms location and proximity to urban areas gives people the option to not travel extensive distances to work saving them time, fuel, money and lowering exposure risk.

I believe that Cannabis has historically been a huge employer and economy builder within Humboldt County. Now with legalization people are being able to legitimately build their credit, pay taxes, and create stability in their lives. The huge number of people being provided fair wage jobs in agriculture is unique to the legal cannabis industry. It is a boone to see so many small heritage farms succeed in one area. Small family farms across our country are struggling and many agricultural workers are not treated well. I believe it is imperative to our culture and economic resilience that our company keeps capital local and treats our workforce with fair wage and respect.

I have first hand experience working with Dark Staffing and can honestly attribute their service to my business's ability to survive when we were getting started. Without their flexibility my husband and I would not have been able to juggle work and fund our own farm. Dark Staffing not only pay's a living wage but trains people in a fast growing market, are flexible, and provide labor protections.. Dark Staffing also gives recognition to the talent and knowledge that is unique to Humboldt counties labor force. The skilled people of this workforce to this point have been an underrepresented and unappreciated asset that Humboldt county is dependent upon. I would like to support and uplift my own business by utilizing this asset.

I am confident that with workers we will be able to increase yields and profit allowing us the option of selling flowers rather than concentrate. The price per pound that a farmer profits is substantially different for a biomass contract compared to a flower sale or even a self branded flower product. To this point harvest labor has limited me to rely on outsourcing harvest to companies who can provide me the service along with their purchase of our biomass. This option has been incredibly helpful but because of the drastic difference in price my husband has had to take off farm work. It is our hope that with a harvest sold as flowers we will be able to develop our own brand and to have my husband return to the farm full time.

Word Limit: 500

Freshwater Farmacy has been unrelenting in our process to develop a farm that causes no harm to our environment but instead heals the earth which we manage. We have dedicated ourselves to a no-till, biologically centered, and low water use system.

Why no till? Well the answer is simple to keep carbon in our soils. Tillage essentially creates an environment where carbon is released directly into our atmosphere and reduces the soil's natural ability to provide nutrients to plants by indiscriminately killing the diverse soil biology and destroys soil structure. Our answer has been to recycle waste products from local tree trimming services, waste from a stable five miles from farm, and to sheet mulch our somewhat compacted over grazed native soil. We essentially cover our soils with lignin rich material to support fungal life and habitat. Then nitrogen rich material to feed and increase nutrient cycling within the microbial soil community. We ensure that we have the correct bacterial to fungal association desired by cannabis plants.

Once you lay the soil framework down your plants are able to communicate with their biology through way of exudates. They essentially convert solar energy into sugars and "trade" these to fungi and bacteria that have association to their roots to get the nutrients they need. Once a balance is achieved, fungi store glomalin. Glomalin essential is stored carbon that remains in the soil and does not contribute to climate change. Nutrients in the form of life in soil which will never leach and will provide a source of nutrition for plants without the need for fertilizers. Reducing any chance of run off and degradation of our waterways.

Our belief that diversity does not end with the soil though as we rely on a diversity of cover crops, beneficial insects, plants and fruiting fungi to not only provide nutrients to ourselves but also to create a farm that acts as an environment. We are merely assisting nature to create a self reliant system that provides habitat and a balanced system.

I think that agriculture, as an industry, needs to take a huge step in a different direction. We need to lessen our contribution to the destruction of our earth. Not only does degradation affect our natural world but it also has real life economic impacts which in turn create civil unrest and suffering. It does not have to stay this way though and I am so inspired by the real potential the regenerative agriculture movement has provided. If just a small percentage of farmers changed to no till we could see dramatic reduction in carbon emissions. This actually could actually change the course of our world.

We hope in the future we can license our farm for farm tours and be a platform for like minded individuals to share and spread good land management education. Every step we have made to bring this project to fruition has been centered around the goal of using agriculture as a tool to create a healthier world.

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Word Limit: 250	
Project Budget	<a href="#">archive-2.zip</a>
Select each item being uploaded.	<p>Any accompanying and supportive project documents such as site maps, equipment specifications, contractor bids and estimates.</p>
File upload	<a href="#">archive-3.zip</a>