



NORTHSHORE FIRE PROTECTION DISTRICT

6257 Seventh Avenue • Post Office Box 1199 • Lucerne, California 95458

(707) 274-3100 • (707) 274-3102 Fax

District Fire Chief Mike Ciancio

Station 75
(707) 998-3294

Station 80
(707) 274-3100

Station 85
(707) 274-8834

Station 90
(707) 275-2446

March 23, 2020

Northshore Fire Protection District has the following comments regarding the proposed project.

Ralph Gambonini

Major Use Permit, UP 20-31; Initial Study IS 20-38; Early Activation EA 20-37

11540 Bachelor Valley Road, Whitter Springs, CA 95493.

The Northshore Fire Protection District provides year-round fire protection services to the project area. Our closest staffed station to the project is at 9420 Main St. Upper Lake about 5 miles from the project area.

The project area is also in State Responsibility Area (SRA). California Department of Forestry and Fire Protection (Cal Fire) has primary responsibility for wildland fire protection during the fire season which generally runs from June to October. Cal Fire may require the project to meet state Public Resource Codes. Your Cal Fire contact will be at the St. Helena Station which is the Lake/ Napa and Sonoma Unit Headquarters for Cal Fire.

A proposed Use Permit may will require a Change of Occupancy and will be subject to the requirements of the California Fire Code and NFPA standards and the Public Resource Code. The need for fire hydrants and supporting water storage will be determined by the Lake County Building official and/or Cal Fire. Sprinkler systems, fire alarm systems, portable fire extinguishers, fire hose reels and other fire protection methods may need to be provided as required by the California Fire Code and the Lake County Building official.

The project may be subject to Fire Mitigation Fees. Once plans are submitted those fees may be calculated if applicable.

Fire Access Roads shall be meet the requirements of CCR 1273/PRC 4290.

Premises Identification- approved address numbers shall be placed on all buildings and or driveways in such a position as to be plainly visible and legible from the street or road fronting the property. Numbers shall contrast with their background.

Key Box- a rapid entry lock box, approved by this fire district will be required if a gate is installed.

Thank you for your consideration in this matter. Please feel free to contact me if you have any questions or concerns regarding these comments.

Respectfully,

**Fire Chief
NorthShore Fire Protection District**

RECEIVED

MAR 23 2020

**LAKE COUNTY COMMUNITY
DEVELOPMENT DEPT**

From: [Yuliya Osetrova](#)
To: [Mark Roberts](#)
Subject: RE: Request for Review (RFR) Major Use Permit UP 20-31
Date: Wednesday, March 25, 2020 4:03:54 PM
Attachments: [UP 20-31.pdf](#)

Mark,

Comments for the project:

- Attached please find the PDF of the drawings I've made to explain how and where to the project needs to be relocated. The departmental take on the 100-foot offset from the surface water source is that the 100-year flood boundary is considered to be a surface water boundary.
- Silt fences, straw wattles installation and the upkeep of the natural vegetation should be required to be installed to protect the creek waters from pollution.
- Wells docs showing it's a legal source and stating it's yield are missing.
- Installed water flow/level reading devices info is missing.

Yuliya Osetrova
Water Resources Engineer III
Lake County Water Resources Department
(707) 263-2344

From: Mark Roberts
Sent: Thursday, March 19, 2020 2:42 PM
Subject: Request for Review (RFR) Major Use Permit UP 20-31
Importance: High

Good Afternoon,

This email is in regards to the above referenced major permit located at 11540 Bachelor valley Road, further described as assessor parcel number 002-024-22.. Please review the above attachments for comments and/or concerns. Due to the provisions of state law, it is essential that we receive your comments as soon as possible but in no case later than **April 3, 2020**. **Please email your comments to mark.roberts@lakecountyca.gov or mail them to the address listed in the letterhead above.**

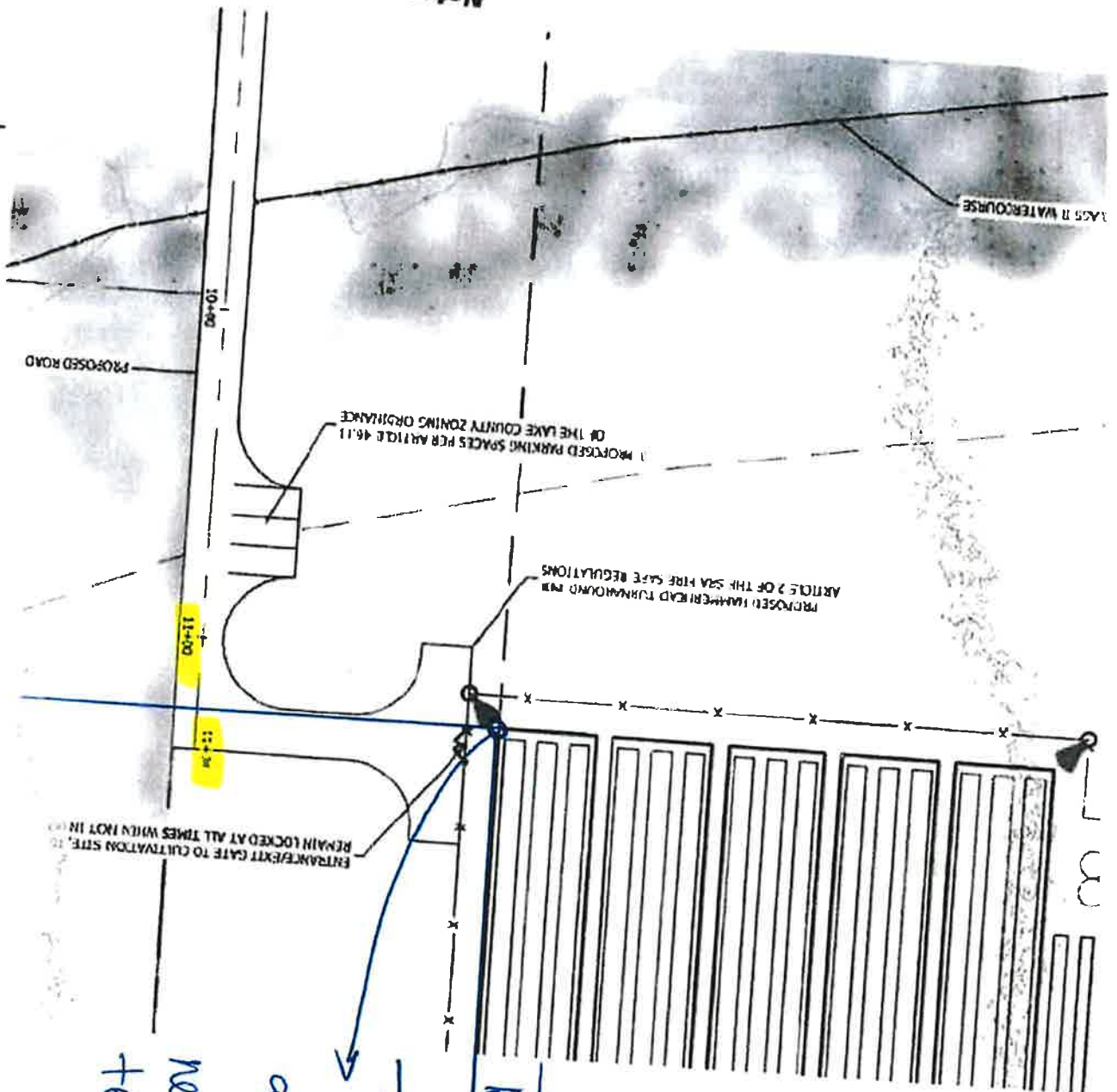
If you have any questions, please let me know.

Mark Roberts - Principal Planner

Lake County – Community Development Department
255 N. Forbes Street, Lakeport, CA 95453
County Website: www.lakecountyca.gov
Phone: (707) 263-2221

Notes

- PROPERTY LINES, EASEMENTS, AND TOPOGRAHIC INFORMATION IS APPROXIMATE
- LOCATION MAP IS LOCATED ON SHEET C.1.0
- FROM PUBLICLY AVAILABLE INFORMATION



The project should be offset from A-zone floodplain

100 feet

Relocate the point on this line 179 feet

at (11+21) and needs to be relocated to (13+00)

~180 feet

Mark Roberts

From: Wink, Mike@CALFIRE <Mike.Wink@fire.ca.gov>
Sent: Saturday, March 21, 2020 4:15 PM
To: Mark Roberts
Cc: David Casian; Jack Smalley; Mike Ciano
Subject: [EXTERNAL]Re: Request for Review (RFR) Major Use Permit UP 20-31

Good afternoon Planner Roberts.

These comments are from CAL FIRE.

This Use Permit is in the SRA (State Responsibility Area).

The Lake County Chief Building Official is also the County Fire Marshall who shall ensure all Codes, Laws, Regulations and etcetera for this project shall be applied. This is also within the Northshore Fire Protection Districts Boundary, where they are a cooperater in applying and enforcing all Codes, Laws, Regulations and etcetera for this project and they will also have comments.

Early Activation is not supported unless all State Fire Safe Regulations are in place and approved by the AHJ. The AHJ may choose to allow other Codes/Titles/Regulations to be applied when it deems necessary. Any delay in application of Fire Safe Standards is not allowed in Code/Title et'al.

This location is within proximity and or surrounded by a "VERY HIGH Wildland Fire Hazard Severity Zone" area. This is the most extreme and hazardous area category for wildland fire risk. (see below)

Regulations for the AHJ to follow listed below to be , but not be limited to:

- Property line setbacks for structures shall be a minimum of 30 feet.
- Addressing that is reflective and of contrasting colors from the public roadway to the location and at every intersection.
- On site water storage for fire protection of each structure per NFPA 1142.
- Per NFPA 1142, fire suppression water storage tanks for commercial use shall be steel or fiberglass (not plastic).
- All private property roads / access used for this project shall meet minimum Fire Safe standards for emergency vehicle ingress and egress
- A "One Way" loop road standard could be used, or a two land road.
- A "Road" is two 10 foot lanes of travel for a total of 20 feet of derivable surface not including the shoulders.

- A "Driveway" is a 10 foot wide road with a turnout every 400 feet. This shall not be used for commercial applications, or access to more than three structures that are residences.
- A "Turnout" shall be a minimum 10 feet wide and 30 feet long, with a 25 foot taper at each end
- A "One Lane", "One Way" only loop road is 12 feet wide of derivable surface, plus shoulders. A one lane road must connect on both ends to a two lane road or County Road.
- A bridge can meet the "One Lane", "One Way" 12 feet wide road standard with appropriate signage. A bridge must be marked by the owner of the bridge that it is rated to support 75,000 pounds.
- A bridge shall not be less than 12 feet wide.
- A bridge can meet the "Road " 20 feet wide standard. A bridge must be marked by the owner of the bridge that is is rated to support 75,00 pounds.
- Existing roadways on private property shall meet, and or be improved to meet "Road" standards.
- All weather roadway surfaces shall be rated/engineered for 75,000 lb vehicles is the minimum (including bridges).
- All weather roadway surfaces do not ever have mud, standing or flowing water that vehicles have to travel through.
- Maximum roadway slope is 16%.
- Gate width is 14 foot minimum.
- Gate set backs are a minimum of 30 feet from a road to the gate.
- Gates shall have access criteria locks and alike that meet the Northshore Fire Protection District standard "KNOX" (or similar) access program.
- Parking at the site shall allow for turnarounds, hammerhead T, or similar.
- Minimum fuels reduction of 100 feet of defensible space from all structures.
 - Some applications have mention that they may have a gasoline generator for backup power when solar is not available. If this is the case, the generator shall be placed on a minimum of a 10 foot radius of a non combustibile surface. It shall have a minimum of a 3A-40B.C Fire Extinguisher within the 10 foot radius.
- This property will meet the criteria to be, or will be a CERS / CUPA reporting facility/entity to Lake County Environmental Health (see hyperlink below), it shall also comply specifically with PRC4291.3 requiring 300 feet of defensible space and fuels reduction around structures. In summary, any structure or location that stores hazardous, flammable or dangerous items shall establish and maintain 300 feet of defensible space / fuels reduction around its radius.

http://www.fire.ca.gov/fire_prevention/fire_prevention_wildland_codes

www.fire.ca.gov
California's Wildland-Urban Interface Code Information - CAL FIRE - Home

The law requires that homeowners do fuel modification to 100 feet (or the property line) around their buildings to create a defensible space for firefighters and to protect their homes from wildfires. New building codes will protect buildings from being ignited by flying embers which can travel as ...

http://www.lakecountyca.gov/Government/Directory/Environmental_Health/Programs/cupa.htm
Hazardous Materials Management (CUPA)

www.lakecountyca.gov

The Lake County Division of Environmental Health is the Certified Unified Program Agency for all of Lake County, dealing with hazardous waste and hazardous materials.

Hazardous Materials Management (CUPA)

www.lakecountyca.gov

The Lake County Division of Environmental Health is the Certified Unified Program Agency for all of Lake County, dealing with hazardous waste and hazardous materials.

<https://www.nfpa.org/assets/files/AboutTheCodes/1142/1142-A2001-ROP.PDF>

Report of the Committee on - NFPA

www.nfpa.org

351 Report of the Committee on Forest and Rural Fire Protection Richard E. Montague, Chair FIREWISE 2000, Inc., CA [SE] John E. Bunting, Secretary New Boston Fire Dept., NH [U]

Report of the Committee on - NFPA

www.nfpa.org

351 Report of the Committee on Forest and Rural Fire Protection Richard E. Montague, Chair FIREWISE 2000, Inc., CA [SE] John E. Bunting, Secretary New Boston Fire Dept., NH [U]

http://www.fire.ca.gov/fire_prevention/fire_prevention_wildland_codes

California's Wildland-Urban Interface Code Information - CAL FIRE - Home

www.fire.ca.gov

The law requires that homeowners do fuel modification to 100 feet (or the property line) around their buildings to create a defensible space for firefighters and to protect their homes from wildfires. New building codes will protect buildings from being ignited by flying embers which can travel as ...

http://www.lakecountyca.gov/Government/Directory/Environmental_Health/Programs/cupa.htm
Hazardous Materials Management (CUPA)

www.lakecountyca.gov

The Lake County Division of Environmental Health is the Certified Unified Program Agency for all of Lake County, dealing with hazardous waste and hazardous materials.

<https://www.nfpa.org/assets/files/AboutTheCodes/1142/1142-A2001-ROP.PDF>

Eric Porter

From: Katherine Vanderwall
Sent: Monday, May 15, 2023 10:17 AM
To: Eric Porter
Subject: RE: UP 20-31, Flying O (cannabis) major use permit - Request for Review

The applicant will need to obtain a Private Applicator Certificate and Operator ID from the Ag Department prior to the purchase and use of any pesticides, including organic pesticides. The applicant will also need to comply with pesticide worker safety laws/regulations, recordkeeping and reporting requirements.

Katherine VanDerWall

Agricultural Commissioner/Sealer of Weights & Measures
Lake County Department of Agriculture/Weights & Measures
883 Lakeport Blvd
Lakeport, CA 95453
(707) 263-0217

From: Eric Porter
Sent: Monday, May 1, 2023 10:29 AM
To: Katherine Vanderwall <Katherine.Vanderwall@lakecountyca.gov>; Douglas Gearhart <dougg@lcaqmd.net>; Ryan Lewelling <Ryan.Lewelling@lakecountyca.gov>; William Collins <William.Collins@lakecountyca.gov>; Scott DeLeon <Scott.DeLeon@lakecountyca.gov>; Katie Carpenter <Katie.Carpenter@lakecountyca.gov>; Dennis Keithly <Dennis.Keithly@lakecountyca.gov>; Lori Baca <Lori.Baca@lakecountyca.gov>; Vance Ricks <Vance.Ricks@lakecountyca.gov>; Elizabeth Martinez <Elizabeth.Martinez@lakecountyca.gov>; Yuliya Osetrova <Yuliya.Osetrova@lakecountyca.gov>; Mike Ciancio <chief800@northshorefpd.com>; Wink, Mike@CALFIRE <Mike.Wink@fire.ca.gov>; Laura Hall <Laura.Hall@lakecountyca.gov>; Newell, Justin <J2NF@pge.com>; Northwest Information Center <nwic@sonoma.edu>
Cc: vbrandon95457@gmail.com; Roberta Lyons <roberta.lyons@att.net>; Kate Schmidt-Hopper <wiseacre1farm@gmail.com>
Subject: UP 20-31, Flying O (cannabis) major use permit - Request for Review

Good morning all,

This application, submitted in 2020, is finally 'complete'. Please provide any comments you might have to me on or before May 15th if possible.

Thanks,
Eric Porter

Eric Porter

From: William Collins
Sent: Monday, May 1, 2023 11:44 AM
To: Eric Porter
Subject: RE: UP 20-31, Flying O (cannabis) major use permit - Request for Review

Please make sure they get all applicable building permits.

Sincerely

Bill Collins, CBO, CASp
Chief Building Official
County of Lake
255 N. Forbes St.
Lakeport, CA 95453
707-263-2221 ex 38123 (Office)
william.collins@lakecountyca.gov



From: Eric Porter <Eric.Porter@lakecountyca.gov>
Sent: Monday, May 1, 2023 10:29 AM
To: Katherine Vanderwall <Katherine.Vanderwall@lakecountyca.gov>; Douglas Gearhart <dougg@lcaqmd.net>; Ryan Lewelling <Ryan.Lewelling@lakecountyca.gov>; William Collins <William.Collins@lakecountyca.gov>; Scott DeLeon <Scott.DeLeon@lakecountyca.gov>; Katie Carpenter <Katie.Carpenter@lakecountyca.gov>; Dennis Keithly <Dennis.Keithly@lakecountyca.gov>; Lori Baca <Lori.Baca@lakecountyca.gov>; Vance Ricks <Vance.Ricks@lakecountyca.gov>; Elizabeth Martinez <Elizabeth.Martinez@lakecountyca.gov>; Yuliya Osetrova <Yuliya.Osetrova@lakecountyca.gov>; Mike Ciancio <chief800@northshorefpd.com>; Wink, Mike@CALFIRE <Mike.Wink@fire.ca.gov>; Laura Hall <Laura.Hall@lakecountyca.gov>; Newell, Justin <J2NF@pge.com>; Northwest Information Center <nwic@sonoma.edu>
Cc: vbrandon95457@gmail.com; Roberta Lyons <roberta.lyons@att.net>; Kate Schmidt-Hopper <wiseacre1farm@gmail.com>
Subject: UP 20-31, Flying O (cannabis) major use permit - Request for Review

Good morning all,



COUNTY OF LAKE
Health Services Department
Environmental Health Division
922 Bevins Court
Lakeport, California 95453-9739
Telephone 707/263-1090
FAX 707/263-4395

Jonathan Portney
Health Services Director

Craig Wetherbee
Environmental Health Director

Promoting an Optimal State of Wellness in Lake County

Memorandum

DATE: June 6, 2023
TO: Eric Porter, Associate Planner
FROM: Pheakdey Preciado, Senior EHS
RE: Major Use Permit, UP 20-31, Initial Study, IS 20-38; Flying O Ranch
APN: 002-024-22

Our office showed an old septic system (permit #827-S from 1967) for a single-family dwelling and an existing water well.

Applicant needs to apply and pay for Field Clearance to validate septic system(s), single family dwellings, structures, easement, and water well.

All wells shall be located and with an adequate horizontal distance from potential sources of contamination and pollution. The storage of hazardous materials shall be located a safe distance from any water well to prevent contamination. The applicant is required to implement measures to prevent cross-contamination of the well(s).

Hazardous materials shall not be allowed to leak onto the ground or contaminate surface waters. Any release of hazardous materials shall be recycled or disposed of through a registered waste hauler to an approved site authorized to accept such materials.

Industrial Waste shall not be disposed of on-site without review or permit from the Environmental Health Division or the Regional Water Quality Control Board.



If the applicant stores hazardous materials equal or greater than 55 gallons of a liquid, 500 pounds of a solid or 200 cubic feet of compressed gas, the applicant will be required to submit a Hazardous Materials Inventory Disclosure Statement/ Business Plan to the Environmental Health Division via the California Electronic Reporting System (CERS) and it shall be renewed and updated annually or if quantities increase. Note that additional California Unified Program Agency (CUPA) requirements may apply depending on the amount of hazardous materials stored on site.

If the amount of hazardous materials is less than the above quantities, the applicant will need to complete and submit a Hazardous Materials/Waste Declaration stating the name of the material and the quantity to be stored on site.



CALIFORNIA
HISTORICAL
RESOURCES
INFORMATION
SYSTEM



ALAMEDA
COLUSA
CONTRA COSTA
DEL NORTE

HUMBOLDT
LAKE
MARIN
MENDOCINO
MONTEREY
NAPA
SAN BENITO

SAN FRANCISCO
SAN MATEO
SANTA CLARA
SANTA CRUZ
SOLANO
SONOMA
YOLO

Northwest Information Center
Sonoma State University
1400 Valley House Drive, Suite 210
Rohnert Park, California 94928-3609
Tel: 707.588.8455
nwic@sonoma.edu
<https://nwic.sonoma.edu>

May 15, 2023

File No.: 22-1688

Eric Porter, Project Planner
Lake County
Community Development Department
255 N. Forbes Street
Lakeport, CA. 95453

re: UP 20-31, IS 20-38 / APN 002-024-22 at 11540 Bachelor Valley Road / Flying O Ranch; Alexander Rashed
Dear Eric Porter,

Records at this office were reviewed to determine if this project could adversely affect cultural resources.
Please note that use of the term cultural resources includes both archaeological sites and historical buildings and/or structures. The review for possible historic-era building/structures, however, was limited to references currently in our office and should not be considered comprehensive.

Project Description:

The applicant is requesting approval of a Major Use Permit for commercial cannabis cultivation. According to the applicant's application packet, the applicant is proposing the following:

One (1) Type 13: Distributor Transport Only, Self-distribution License: The transport of medicinal cannabis goods between entities licensed pursuant to California Code.

One (1) A – Type 3: "Medium Outdoor" License: Outdoor cultivation consisting of 43,560 sq. ft. of canopy. The cultivation would occur in approximately 54 raised planted beds that are four feet wide and 200 feet deep.

One (1) - A - Type 3B: "Medium Mixed-Light": Greenhouse canopy consists of 21,960 sq., ft., inside five (5) greenhouses (each greenhouse is 30' x 244').

Previous Studies:

XX Studies S-35510 (Trout et al. 2008) and S-44891 (Maniery and Nolte 2008), collectively covering less than 5% of the project parcel, identified no cultural resources in those portions of the parcel. There have been no previous studies of the specifically proposed project area (see recommendations below).

Archaeological and Native American Resources Recommendations:

XX The proposed project area has the possibility of containing unrecorded archaeological site(s). A study by a qualified professional archaeologist is recommended prior to commencement of project activities.

XX We recommend that the lead agency contact the local Native American tribe(s) regarding traditional, cultural, and religious heritage values. For a complete listing of tribes in the vicinity of the project, please contact the Native American Heritage Commission at (916) 373-3710.

_____ The proposed project area has a low possibility of containing unrecorded archaeological site(s). Therefore, no further study for archaeological resources is recommended.

Built Environment Recommendations:

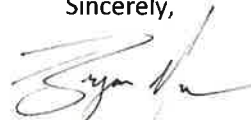
XX Since the Office of Historic Preservation has determined that any building or structure 45 years or older may be of historical value, if the project area contains such properties, it is recommended that prior to commencement of project activities, a qualified professional familiar with the architecture and history of Lake County conduct a formal CEQA evaluation.

Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area. Additionally, Native American tribes have historical resource information not in the California Historical Resources Information System (CHRIS) Inventory, and you should contact the California Native American Heritage Commission for information on local/regional tribal contacts.

The California Office of Historic Preservation (OHP) contracts with the California Historical Resources Information System's (CHRIS) regional Information Centers (ICs) to maintain information in the CHRIS inventory and make it available to local, state, and federal agencies, cultural resource professionals, Native American tribes, researchers, and the public. Recommendations made by IC coordinators or their staff regarding the interpretation and application of this information are advisory only. Such recommendations do not necessarily represent the evaluation or opinion of the State Historic Preservation Officer in carrying out the OHP's regulatory authority under federal and state law.

For your reference, a list of qualified professionals in California that meet the Secretary of the Interior's Standards can be found at <http://www.chrisinfo.org>. If archaeological resources are encountered during the project, work in the immediate vicinity of the finds should be halted until a qualified archaeologist has evaluated the situation. If you have any questions please give us a call (707) 588-8455.

Sincerely,



Bryan Much
Coordinator



May 16, 2023

Eric Porter
County of Lake
255 N Forbes St
Lakeport, CA 95453

Re: UP 20-31
Flying O Major Use Permit

Dear Eric Porter,

Thank you for providing PG&E the opportunity to review the proposed plans for UP 20-31 dated 5/1/2023. Our review indicates the proposed improvements do not appear to directly interfere with existing PG&E facilities or impact our easement rights.

Please note this is our preliminary review and PG&E reserves the right for additional future review as needed. This letter shall not in any way alter, modify, or terminate any provision of any existing easement rights. If there are subsequent modifications made to the design, we ask that you resubmit the plans to the email address listed below.

If the project requires PG&E gas or electrical service in the future, please continue to work with PG&E's Service Planning department: <https://www.pge.com/cco/>.

As a reminder, before any digging or excavation occurs, please contact Underground Service Alert (USA) by dialing 811 a minimum of 2 working days prior to commencing any work. This free and independent service will ensure that all existing underground utilities are identified and marked on-site.

If you have any questions regarding our response, please contact the PG&E Plan Review Team at pgeplanreview@pge.com.

Sincerely,

PG&E Plan Review Team
Land Management

Eric Porter

From: Lori Baca
Sent: Monday, May 1, 2023 10:36 AM
To: Eric Porter
Subject: RE: UP 20-31, Flying O (cannabis) major use permit - Request for Review

Eric,

Parcel 002-024-220 is outside of any Special Districts service area, no impact.

Have a wonderful day!

Lori A. Baca

Customer Service Supervisor

Lori.Baca@lakecountyca.gov

Office Number (707) 263-0119

Fax (707) 263-3836



From: Eric Porter
Sent: Monday, May 1, 2023 10:29 AM
To: Katherine Vanderwall <Katherine.Vanderwall@lakecountyca.gov>; Douglas Gearhart <dougg@lcaqmd.net>; Ryan Lewelling <Ryan.Lewelling@lakecountyca.gov>; William Collins <William.Collins@lakecountyca.gov>; Scott DeLeon <Scott.DeLeon@lakecountyca.gov>; Katie Carpenter <Katie.Carpenter@lakecountyca.gov>; Dennis Keithly <Dennis.Keithly@lakecountyca.gov>; Lori Baca <Lori.Baca@lakecountyca.gov>; Vance Ricks <Vance.Ricks@lakecountyca.gov>; Elizabeth Martinez <Elizabeth.Martinez@lakecountyca.gov>; Yuliya Osetrova <Yuliya.Osetrova@lakecountyca.gov>; Mike Ciancio <chief800@northshorefpd.com>; Wink, Mike@CALFIRE <Mike.Wink@fire.ca.gov>; Laura Hall <Laura.Hall@lakecountyca.gov>; Newell, Justin <J2NF@pge.com>; Northwest Information Center <nwic@sonoma.edu>
Cc: vbrandon95457@gmail.com; Roberta Lyons <roberta.lyons@att.net>; Kate Schmidt-Hopper <wiseacre1farm@gmail.com>
Subject: UP 20-31, Flying O (cannabis) major use permit - Request for Review

Good morning all,

This application, submitted in 2020, is finally 'complete'. Please provide any comments you might have to me on or before May 15th if possible.

Thanks,
Eric Porter

July 13, 2023

Eric Porter

From: Yuliya Osetrova
Sent: Friday, May 5, 2023 3:31 PM
To: Eric Porter; Andrew Amelung
Subject: RE: UP 20-31, Flying O water analysis - concerns

Hi Eric,

The comments made by Christine Manhart for this document, highlighted that many assumptions were made. Some of the assumptions just seem off.

Regarding the numerical data that you've quoted below, just the statement that entire Upper Lake Valley basin has **9,000 AF** storage capacity while knowing that the area of the basin is **7266 Acres** (this number is available on sgma.water.ca.gov portal) translates to only 1.23 ft. of water there... AND keep in mind, the project is not on that basin...

Most likely, the project well sits on the aquifer that is a pocket of isolated groundwater holding medium. This is not unusual for mountainous topography which is where the project is located. Such pocket aquifers are usually robust and feed off the stormwater of the local, immediate watershed during wet season. When not overly drawn, they could be pretty sustainable.

This project due to its location do not affect either of major county basins referred in the document.

The document however meets the minimum criteria stated in the Ordinance and when the comments are addressed I do not see reason to not approve this project. When the project will have problems with irrigation, they could reduce or cease the production – this will be the limiting factor.

Yuliya Osetrova
Senior Water Resources Engineer
Lake County Water Resources Department
(707) 263-2344

From: Eric Porter
Sent: Thursday, April 27, 2023 8:37 AM
To: Yuliya Osetrova <Yuliya.Osetrova@lakecountyca.gov>; Andrew Amelung <Andrew.Amelung@lakecountyca.gov>
Subject: UP 20-31, Flying O water analysis - concerns
Importance: High

Good morning Yuliya and Andrew,

I'm writing the Initial Study for Flying O Ranch. I have great concerns about the ability of the project to have adequate water.

The Hydrological Technical Memorandum (Study) states that there is an incomplete understanding of the groundwater levels at the project site, and assumes that the Upper Lake Groundwater Basin data is valid, even though the project is located over three miles from the edge of the mapped Upper Lake Groundwater Basin. The Study theorizes that the main source of aquifer recharge for the project site's aquifer is from the Middle Creek, Clover Creek and Alley Creek.