

MITIGATION MONITORING AND REPORTING PROGRAM

Knapp Farms
Initial Study IS 20-92
Major Use Permit UP 20-77

	Mitigation Measure	Implementation Responsibility	Monitoring & Reporting Responsibility	Timing	Date Implemented
Aesthetics					
The project has the potential to have an adverse impact to aesthetics in the vicinity.	AES-1: Prior to cultivation, the applicant shall install a minimum 6' tall screening fence around the cultivation area. Fabric screening shall not be used due to poor durability; the screening material shall be chain link with slats, or a solid wood or metal fence. This shall occur prior to any cultivation occurring on site.	Applicant; project contractor	Applicant	During construction life of the project	
	AES-2: Prior to Phase II cultivation, the applicant shall install blackout screening inside any translucent building to prevent light visibility from neighboring lots and public roads.	Applicant, contractor	Applicant	Prior to cultivation	
	AES-3: All lighting shall be downcast and shall not be directly visible from public roads or neighboring lots. All lighting shall comply with fixture recommendations found in darksky.org.	Applicant, contractor	Applicant	Prior to cultivation	
Air Quality					
This project has some potential for air quality environmental impacts.	AQ-1: Prior to obtaining the necessary permits and/or approvals for any phase, applicant shall contact the Lake County Air Quality Management District (LCAQMD) and obtain an Authority to Construct (A/C) permit for all	Applicant; project contractor	Applicant	Prior to construction	

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	operations and for any diesel-powered equipment and/or other equipment with potential for air emissions.				
	AQ-2: All mobile diesel equipment used must be in compliance with State registration requirements. Portable and stationary diesel powered equipment must meet the requirements of the State Air Toxic Control Measures for compression ignition engines. Additionally, the applicant must notify LCAQMD prior to beginning construction activities and prior to any diesel engine use.	Applicant; project contractor	Applicant	During construction and life of project	
	AQ-3: The applicant shall maintain records of all hazardous or toxic materials used, including a Material Safety Data Sheet (MSDS) for all volatile organic compounds utilized, including cleaning materials. Said information shall be made available upon request and/or the ability to provide the LCAQMD such information in order to complete an updated Air Toxic emission Inventory.	Applicant; project contractor	Applicant	During construction and life of project	
	AQ-4: All vegetation during site development shall be chipped and spread for ground cover and/or erosion control. The burning of vegetation, construction debris, including waste material is prohibited.	Applicant; project contractor	Applicant	During construction and life of project	
	AQ-5: The applicant shall have the primary access and parking areas surfaced with chip seal, asphalt, or an equivalent all weather surfacing to reduce fugitive dust generation. The use of white rock as a road base or surface material for travel routes and/or parking areas is prohibited.	Applicant; project contractor	Applicant	During construction and life of project	

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	AQ-6: All areas subject to infrequent use of driveways, overflow parking, etc., shall be surfaced with gravel, chip seal, asphalt, or an equivalent all weather surfacing. Applicant shall regularly use and/or maintain graveled area to reduce fugitive dust generations.	Applicant; project contractor	Applicant	Life of project	
	AQ-7: Prior to greenhouse and/or hoop house cultivation, and prior to use of the 6,000 sq. ft. metal building for cannabis drying and packaging, the applicant shall install carbon or similar air filters in each structure.	Applicant; project contractor	Applicant	Prior to cultivation; life of project	
Biological Resources					
This project has some potential for biological resource environmental impacts.	BIO-1: In order to avoid impacts passerines and raptors protected under the Migratory Bird Treaty Act and California Fish and Wildlife Code, the following recommendation is made: Removal of trees during the nesting season (February 1 to August 31) must be preceded by a survey for nesting birds conducted by a qualified biologist. In the event that nesting birds are identified, a suitable construction buffer will be established around the nest site until either the end of the nesting season or upon determination by a qualified biologist that fledging has been completed, or that the nest has been abandoned. It is recommended that trees approved for removal be felled outside of the nesting season.	Applicant; biologist, project contractor	Applicant	Prior to construction and tree removal	

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	<p>BIO-2: In order to avoid incidental take of bats, the following recommendation is made: If work is proposed within woodland habitat during the maternity roosting season for bats (April 1 through September 15), trees with features capable of supporting roosting bats shall be surveyed for bat roosts or evidence of bat roosting (guano, urine staining and scent, dead bats) within 14 days of the start of project activities or removal of vegetation. If active roosts are discovered, a buffer of 50 feet around the active roost should be established by a qualified biologist. Removal may occur once active roosting ceases as determined by the biologist.</p>	<p>Applicant; biologist, project contractor</p>	<p>Applicant</p>	<p>Prior to construction and tree / brush removal</p>	
	<p>BIO-3: In order to avoid impacts to sensitive herptiles, any project-related work within the riparian zones of Sulphur Canyon or Long Valley creeks should be preceded by a survey for foothill yellow-legged frog and western pond turtle. If these species are present, any work done within the bed or banks of these channels when flows or pooled water is present should be monitored by a qualified biologist with a California Department of Fish and Wildlife collecting permit covering the potentially affected herptiles. The biologist will assure that these herptiles are temporarily cleared from the work area.</p>	<p>Applicant; biologist, project contractor</p>	<p>Applicant</p>	<p>Prior to construction</p>	

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	BIO-4: All work should incorporate extensive erosion control measures consistent with Lake County Grading Regulations. Coverage under the National Pollutant Discharge Elimination System (NPDES), General Permit for Storm Water Discharges associated with a Construction Activity (General Permit) and a Storm Water Pollution Prevention Plan (SWPPP) may be required.	Applicant, project contractor	Applicant	Prior to and during construction	
Cultural / Tribal Resources					
The project has the potential to disturb culturally sensitive artifacts or items on the site during site disturbance.	<u>CUL-1:</u> Should any archaeological, paleontological, or cultural materials be discovered during site development, all activity shall be halted in the vicinity of the find(s), the applicant shall notify the local overseeing Tribe, and a qualified archaeologist to evaluate the find(s) and recommend mitigation procedures, if necessary, subject to the approval of the Community Development Director. Should any human remains be encountered, the applicant shall notify the Sheriff's Department, the culturally-affiliated Tribe, and a qualified archaeologist for proper internment and Tribal rituals per Public Resources Code Section 5097.98 and Health and Safety Code 7050.5.	Applicant; project contractor	Applicant	During construction	
	<u>CUL-2:</u> All employees shall be trained in recognizing potentially significant artifacts that may be discovered during ground disturbance. If any artifacts or remains are found, the culturally affiliated Tribe shall immediately be	Applicant; project contractor	Applicant	Prior to ground disturbance	

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	notified; a licensed archaeologist shall be notified, and the Lake County Community Development Director shall be notified of such finds.				
Noise					
Construction and operation of the project has the potential to result in excessive noise and ground borne vibration	<u>NOI-1:</u> All construction activities including engine warm-up shall be limited Monday Through Friday, between the hours of 7:00 a.m. and 7:00 p.m. to minimize noise impacts on nearby residents. Back-up beepers shall be adjusted to the lowest allowable levels. This mitigation does not apply to night work.	Applicant; project contractor	Applicant	During construction	
	<u>NOI-2:</u> Maximum non-construction related sounds levels shall not exceed levels of 55 dBA between the hours of 7:00 a.m. to 7:00 p.m. and 45 dBA between the hours of 10:00 p.m. to 7:00 a.m. within residential areas as specified within Zoning Ordinance Section 21-41.11 (Table 11.1) at the property lines.	Applicant; project contractor	Applicant; Community Development Department	Life of the project	
Wildfire					
Construction and operation of the project has the potential to result in wildfire risk	<u>WDF-1:</u> Construction activities will not take place during a red flag warning (per the local fire department and/or national weather service) and wind, temperature and relative humidity will be monitored in order to minimize the risk of wildfire. Grading will not occur on windy days that could increase the risk of wildfire spread should the equipment create a spark.	Applicant; project contractor	Applicant	During construction	

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	<u>WDF-2</u> : Prior to cultivation, the applicant shall provide 100' of defensible space around the processing building and the fenced cultivation area. This does not require tree removal, but it does require removal of grasses and brush, and limbing trees up to a height of 8'.	Applicant; project contractor	Applicant	Life of the project	
	<u>WDF-3</u> : Prior to cultivation, the applicant shall schedule a site visit with the Building Official or designee to verify that the roads, gates and site are PRC 4290 and 4291 compliant.	Applicant; project contractor	Applicant	During construction	
	<u>WDF-4</u> : The applicant shall place at least 5,000 gallons of water on site that is designated specifically as for use of fire suppression. Water tanks shall have connectors that are able to be used by Fire Protection Districts.	Applicant, contractor	Applicant	Life of project	