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October 15, 2018 Project 1151.01

Bob Blanchard c/o Lisa Bugrova Kirk Consulting 8830 Morro Road Atascadero, CA 93422

Re: Biological Resource Assessment for 675 Farm Management, 12520 Santa Rita Road, Cayucos, San Luis Obispo County

Dear Mr. Blanchard:

This report provides the results of a reconnaissance level biological survey conducted for an approximately 3.1-acre Study Area. The Study Area is located in the eastern portion of the Property at 12520 Santa Rita Road in Cayucos, California (Figure 1). Approximate coordinates for the Study Area are 35.484111° N, -120.835594° W (WGS 84) in the Morro Bay North USGS 7.5' topographic quadrangle. The Study Area includes assessor's parcel numbers (APNs) 046-131-047 and 046-131-046. This survey was conducted to provide baseline biological information and an assessment of potential special status plant and animal species that could occur in the Study Area or be affected by the proposed project (Project), a Cannabis Cultivation Minor Use Permit on approximately 3.1 acres of the Property (see Attachment C, Figure 2).

The proposed cannabis cultivation project would consist of three acres of cultivation canopy and 3,000 square feet dedicated to processing and curing. The cultivation canopy would consist of an above-ground crop in fabric pots, which will replace the current avocado tree orchard. Plans for orchard tree removal would include use of a mini-excavator to knock trees over, and a chipper to mulch the material. The remaining plot would be tilled and all old irrigation removed, with the final configuration to be leveled by hand to maximize fabric pot placement and aspect. There are plans to upgrade an existing storage container structure located at the entrance to the Project, to be used as a drying room. There are no plans to change other currently existing residential and nonconforming structures. A Site Plan is provided which shows areas of current operation and areas intended for future expansion of the facility (refer to Attachment C).

Methods

The Study Area was surveyed for biological resources on September 4, 2018 by Althouse and Meade, Inc. Biologist Kristen Andersen, and on September 20, 2018 by Althouse and Meade, Inc. Principal Biologist Jason Dart. The survey method included meandering transects with an emphasis on identifying plants and animals within the Study Area. Transects were also utilized to describe general conditions and dominant species, compile species lists, and evaluate potential habitat for special status species. All habitats in the Study Area were mapped (Figure 3). Photographs were taken throughout the Study Area (Attachment B). Identification of botanical resources included field observations and laboratory analysis of collected material. The botanical survey was conducted too late in the season to qualify as a full season survey, however it was appropriately timed for select late season special status species (refer to Attachment D, Table 1). Botanical nomenclature used in this document follows the Jepson Manual, Second Edition (Baldwin et al. 2012). A list of plants observed in the Study Area and surrounding area were compiled (Attachment E).

Wildlife documentation included observations of animal presence and other wildlife sign. Observations of wildlife were recorded throughout the Study Area. The survey focused on special status animals a with potential to occur (refer to Attachment D, Table 2). Birds were identified by sight or by vocalizations. A list of animals observed in the Study Area and surrounding area were compiled (Attachment F).

The California Natural Diversity Database (CNDDB; August 2018 data) and the California Native Plant Society (CNPS) On-line Inventory of Rare and Endangered Plants of California were reviewed for special status species known to occur in the eight USGS 7.5-minute quadrangles surrounding the site, including: Atascadero, Cayucos, Cypress Mountain, Morro Bay North, Morro Bay South, San Luis Obispo, Templeton, and York Mountain. Tables of potential special status plants and animals are provided in Attachment D.

Existing Conditions

The Property consists of two agriculturally zoned parcels situated in the Santa Lucia Range, approximately five miles northeast of the unincorporated town of Cayucos, California in San Luis Obispo County at an elevation of approximately 780 feet. A dirt road leads northeast for approximately 0.5 miles to the cultivation area from residential housing and appurtenant structures located at the entrance to the Property at 12520 Santa Rita Road. The Property has been operating as a family-owned, active avocado orchard for more than 30 years (Photos 1, 2). Approximately 1.4 acres of the Study Area has recently been converted to cannabis cultivation (Photo 3), where the remaining 1.6 acres continue as avocado orchard. The majority of the Study Area is a large open-canopy, cultivated area surrounded by coast live oak woodland and riparian habitat (Figure 3). Oak woodland density increases southeast of the Study Area, with dense patches of riparian and oak woodland comprising the immediate periphery of open space. An approximately 3,000 square foot portion of the Study Area occurs near the entrance to the Property, where an existing storage container is proposed for upgrades (Figure 2; Photos 5, 6).

Two potentially jurisdictional drainage features occur through the southwestern and eastern portions of the Property, where they converge at the southern edge of the Study Area at Old Creek (Figure 3). Old Creek continues to convey water downslope into Whale Rock Reservoir, and eventually outlets into the Pacific Ocean. There was no flowing water in the ephemeral drainages

surrounding the Study Area, though elements of riparian vegetation were evident. Old Creek, which flows through the Property adjacent to Santa Rita Creek Road, had surface water in September 2018. These drainages are not within the proposed Project footprint. The existing dirt access road crosses through a dry, fragmented portion of riparian corridor, distinguished by mature willow trees surrounding a swale-like feature to the north and south of the road. No access road improvements are anticipated.

Results

Potential special status species

The CNDDB and CNPS On-line Inventory of Rare and Endangered Plants of California listed 99 special status plant species, subspecies, and varieties and 46 special status animal species reported to occur in the vicinity of the Study Area (Attachment D, Tables 1 and 2). The Study Area has potential to support one special status plant, though none were observed in September 2018. The Study Area has potential to support four special status animals. Special status animals were also not detected; however, the Study Area is located within known critical habitat for California red-legged frog (Figure 4). Below we discuss potential special status plants and animals, describe habitat, range restrictions, known occurrences, and survey results for the Study Area.

- A. Special Status Plants. The Project vicinity is known to support numerous special status plant species in a variety of microhabitats (CNDDB 2018). One special status plant species, Cambria morning glory (*Calystegia subacaulis* subsp. *episcopalis*), has low potential to occur in the Study Area (Attachment D, Table 1), due to the suitable open scrub and woodland habitat elements present in the relatively undisturbed margins of the Study Area. Other special status plant species reported from the region are not expected to occur due to the historical cultivated land use of the Study Area. Special status plants were not observed during September 2018 surveys.
- **B.** Special Status Birds. One special status bird, Cooper's hawk (*Accipiter cooperii*), has moderate potential to occur in the Study Area. Cooper's hawk is a CDFW Watch List species (for nesting occurrences only) that occurs regularly in California during the winter months and during spring and fall migration (CNDDB 2018). Cooper's hawks frequent oak and riparian woodland habitats, and increasingly urban areas, where they prey primarily upon small birds (Curtis et al. 2006). The Study Area is surrounded by coast live oak woodland, which is suitable nesting habitat for this species. Though no Cooper's hawk nests were detected during our September 2018 survey, there is potential for nests to be in the vicinity and for transient activity of this species to occur within the Study Area. Cooper's hawks were not observed during September 2018 surveys.
- C. Special Status Reptiles and Amphibians. One special status reptile, western pond turtle (*Emys marmorata*), and one special status amphibian, California red-legged frog (*Rana draytonii*) have low potential to occur in the Study Area. Western pond turtle is a California Species of Special Concern that requires permanent to semi-permanent and slack or slow-moving water type habitat, including ponds, rivers, streams, reservoirs and wetlands found in grasslands, open forests and woodlands. Western pond turtle requires suitable upland habitat for nests, migration, overwintering and estivation (Pilliod et al. 2013; CDFW 2014; CDFW 2018). Nests are laid on dry and unshaded south-facing slopes that are less than 25 degrees

and of high clay or silt fraction (Jennings and Hayes 1994). The closest reported occurrence of western pond turtle is in a north-south flowing reach of Old Creek approximately 1.3 miles east of the cultivation area and approximately 1.6 miles east of the container location (CNDDB #1047). Ephemeral drainages near the grow area do not provide a suitable water source for this species year-round. Though suitable nesting and estivation habitat is present near the Study Area, female turtles are not known to travel more than 400 meters from the water to find a suitable nesting spot (Jennings and Hayes 1994), making turtle movement through the grow area unlikely to occur. Old Creek had flowing water during our late summer site visit, which could provide aquatic habitat for turtles nearby the container located approximately 100 feet from this water source. Western pond turtle was not observed during September 2018 surveys, but is assumed to be present in Old Creek.

California red-legged frog (CRLF) is a federally listed threatened species and a California Species of Special Concern. The main habitat types for CRLF are deep, still or slow-moving water sources in lowlands and foothills with shrubby, riparian, or vegetative shorelines for cover (CDFW 2018, CNDDB 2018, Jennings and Hayes 1994). CRLF also utilizes upland habitat for seeking food, shelter, and as migration corridors between breeding and non-breeding sites (Bulger et al. 2003). The proposed Project is located within designated Critical Habitat for CRLF (refer to Figure 4). The closest reported occurrence of CRLF to the Study Area is in Old Creek, approximately 0.5 miles southeast of the grow location and 0.75 miles upstream of the storage container location. Drainages immediately next to the grow location do not contain breeding habitat for CRLF and have very low potential to support CRLF seasonally when water is present. Old Creek, which is about 100 feet from the proposed container upgrade area, is known to support CRLF. Upland movements of CRLF through the Study Area are unlikely. California red-legged frog was not observed during September 2018 surveys.

Botanical survey results

The September 2018 site visit included a late season botanical survey which identified 67 species and subspecies of vascular plants in the Study Area (Attachment E, Table 3). The botanical survey effort did not include early or mid-season coverage and therefore is not considered a protocol level survey. The plant list includes 26 species native to California, and 41 introduced (naturalized or planted) species. Special status plant species were not detected in the Study Area.

Wildlife survey results

Wildlife species detected in the Study Area include, 1 reptile, 10 birds, and one mammal. The coast live oak woodland and riparian habitat surrounding the Study Area could provide suitable habitat for one special status bird species, though none were detected during the September 2018 survey. Several common bird species were observed foraging in and/or flying through the Study Area (refer to Attachment F, Table 4).

Small mammal trapping studies were beyond the scope of this study; however, several small mammal species are likely to occur.

Impacts and Mitigation

The proposed Project would occupy approximately 3.1 acres of the Property when all phases of the Project are complete, including the three acres of cultivation canopy and the 3,000 square feet of building structures proposed (refer to Site Plan in Attachment C). The Study Area consists of approximately three acres that have been used for agricultural cultivation for several decades and approximately 0.1 acre of anthropogenic habitat at the entrance of the Property (refer to Figure 3 in Attachment C). Work done to convert the avocado orchard to cannabis cultivation will include the removal of individual avocado trees within the Study Area, followed by soil tilling.

One special status plant and two special status animal species have potential to occur in the Study Area. The Study Area is surrounded by coast live oak trees and potentially jurisdictional drainage features. The following sections provide mitigation information and recommendations designed to reduce potential effects of the Project to a less than significant level.

Special status plants

Special status plants were not detected in the Study Area during our September 2018 site survey, however there is low potential for Cambria morning glory to occur: An appropriately timed spring botanical survey of the Study Area should be conducted if Project development extends beyond the existing cultivation area. The survey should cover the blooming periods for special status species with potential to occur, which is provided in Attachment D, Table 1.

Nesting birds

Migratory non-game native bird species are protected by international treaty under the Federal Migratory Bird Treaty Act (MBTA) of 1918 (50 C.F.R. Section 10.13). Sections 3503, 3503.5 and 3513 of the California Fish and Game Code prohibit take (as defined therein) of all native birds and their active nests, including raptors and other migratory non-game birds (as listed under the Federal MBTA).

BR-1. Within one week of ground disturbance or avocado tree removal/trimming activities, if work occurs between March 15 and August 15, nesting bird surveys shall be conducted. If surveys do not locate nesting birds, construction activities may commence. If nesting birds are located, no construction activities shall occur within a distance specified by a qualified biologist, until chicks are fledged, or the nest fails. Buffer radius shall be specified according to special status rank of the nesting bird, intensity of construction activity or impact (i.e. high decibel levels or heavy ground disturbance) and where local, state, and federal regulations apply. A preconstruction survey report shall be submitted to the lead agency immediately upon completion of the survey. The report shall detail appropriate fencing or flagging of the buffer zone and make recommendations on additional monitoring requirements. A map of the Project site and nest locations shall be included with the report. The qualified biologist conducting the nesting survey shall have the authority to reduce or increase the recommended buffer depending upon site conditions.

Special status reptiles and amphibians

Western pond turtle and California red-legged frog were not detected in the Study Area during our September 2018 site surveys but are known to occur in Old Creek. There is a very low likelihood of either of these aquatic species to be present in the grow area, over 1,600 feet from Old Creek. The proposed container upgrade is located about 100 feet from Old Creek, in a bare dirt area with sheds, barns, and materials storage. The work at this location will likely involve moving an existing steel container and upgrading the foundation, then replacing it. Pond turtles and redlegged frogs are unlikely to be present in this area.

To reduce potential impacts to sensitive reptile species to a less than significant level, the following measure is recommended.

BR-2. A qualified biologist shall conduct a preconstruction survey immediately prior to initial ground disturbance (i.e. the morning of the commencement of disturbance). If any special status reptiles or amphibians are found in the area of disturbance, the biologist shall move the animal(s) to an appropriate location outside the area of disturbance. If federal or state listed animals are observed, all work shall cease and California Fish and Wildlife and/or U.S. Fish and Wildlife Service shall be consulted as appropriate. Federal or state listed animals shall not be captured, harmed, or relocated without prior approval from the appropriate agency.

Jurisdictional drainages

The California Department of Fish and Wildlife (CDFW) regulates activities that affect welldefined bed, bank, or channel of streams and drainages under Fish and Game Code 1600. Two potentially jurisdictional drainage features located on the Property surround the Study Area and are considered Freshwater Forested/Shrub Wetland, classified as PFOA (Palustrine (P), Forested (FO), Temporary Flooded (A)) according to the National Wetlands Inventory (NWI 2005). Though proposed site plans do not include work within these features, the applicant must notify CDFW by applying online for a Self-Certification. No permits are required under Clean Water Act section 404 or 401.

Runoff from irrigation and stormwater surface flows should be managed with appropriate erosion control best management practices to avoid sediment transport offsite.

Thank you for allowing us to be of assistance. If you have any questions or concerns, please call our office at (805) 237-9626.

Sincerely,

Jason Dart Principal Biologist

Attachments:

- Attachment A. References
- Attachment B. Photographs
- Attachment C. Figures
- Attachment D. CNDDB/CNPS Special Status Species Lists
- Attachment E. Plant List
- Attachment F. Wildlife List

Attachment A. References

- Bulger JB, Scott Jr NJ, Seymour RB. 2003. Terrestrial activity and conservation of adult California red-legged frogs Rana aurora draytonii in coastal forests and grasslands. Biological conservation. 110(1):85–95.
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- [NWI] National Wetlands Inventory. 2005. Wetland mapper. NWI, translator. [USFWS] US Fish and Wildlife Service. [accessed 2018 Sep 14]. https://www.fws.gov/wetlands/data/Mapper.html.
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- Sawyer JO, Keeler-Wolf T, Evens J. 2009. A manual of California vegetation. Sacramento, Calif.: California Native Plant Society Press. [accessed 2018 Aug 2]. http://books.google.com/books?id=y40lAQAAMAAJ.
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- [USFWS] United States Fish and Wildlife Service, Arcata Fish and Wildlife Office. 2011. California red-legged frog. [accessed 2018 Sep 27]. https://www.fws.gov/arcata/es/amphibians/crlf/crlf.html.
- [USFWS] United States Fish and Wildlife Service, Sacramento Fish and Wildlife Office. 2017. California red-legged frog. [accessed 2018 Sep 27]. https://www.fws.gov/sacramento/es_species/Accounts/Amphibians-Reptiles/ca_red_legged_frog.

Attachment B. Photographs



Photo 1. Photo taken from northwest corner of Study Area in avocado orchard, overlooking the existing cannabis cultivation site and surrounding oak woodland habitat. View southeast. September 4, 2018.



Photo 2. Photo of active avocado orchard in northwest portion of the Study Area (future development site). View Southwest. September 4, 2018.



Photo 3. Photo of above-ground fabric potting material used during cultivation phase. View northeast. September 4, 2018.



Photo 4. Photo of existing dirt road that accesses the Study Area from the west with surrounding coast live oak and willow trees. View west. September 4, 2018.



Photo 5. Storage container located near main residence and Old Creek.



Photo 6. Proposed upgrade to the drying container may include a new foundation.

Attachment C. Figures

- Figure 1. USGS Topographic Map
- Figure 2. Aerial Photograph
- Figure 3. Biological Resources Map
- Figure 4. USFWS Critical Habitat Map
- Figure 5. CNDDB Map Plants
- Figure 6. CNDDB Map Animals
- Site Plan for 12520 Santa Rita Road

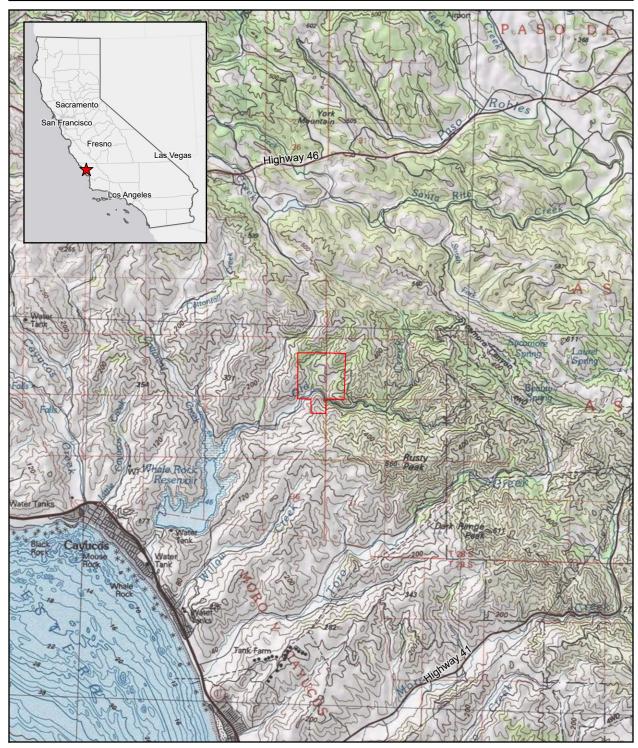
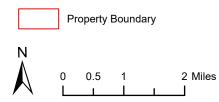


Figure 1. United States Geological Survey Topographic Map

Legend

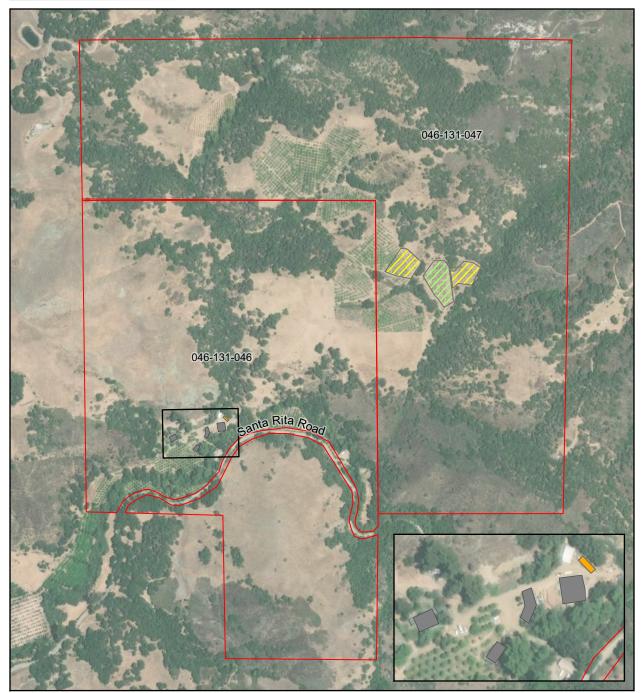


ALTHOUSE AND MEADE, INC. BIOLOGICAL AND ENVIRONMENTAL SERVICES Blanchard Property Map Center: 120.83894°W 35.48421°N Cayucos, San Luis Obispo County

USGS Quadrangle: Morro Bay North

Map Updated: September 10, 2018 02:02 PM by JBB

Figure 2. Aerial Photograph



Legend



Proposed Drying/Curing

Existing Container to be Upgraded for Proposed Drying/Curing

Existing Cultivation

Proposed Cultivation

Ν 1,000 Feet 0 250 500

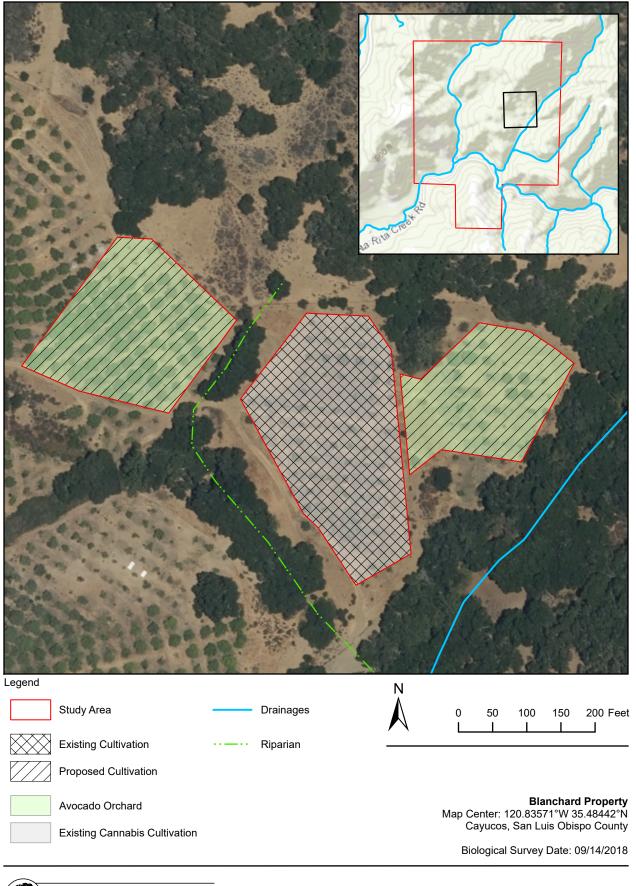
Blanchard Property Map Center: 120.83895°W 35.48247°N Cayucos, San Luis Obispo County

Imagery Date: 07/14/2016



Map Updated: September 26, 2018 10:36 AM by JBB

Figure 3. Biological Resources



ALTHOUSE AND MEADE, INC. BIOLOGICAL AND ENVIRONMENTAL SERVICES Map Updated: September 26, 2018 11:12 AM by JBB

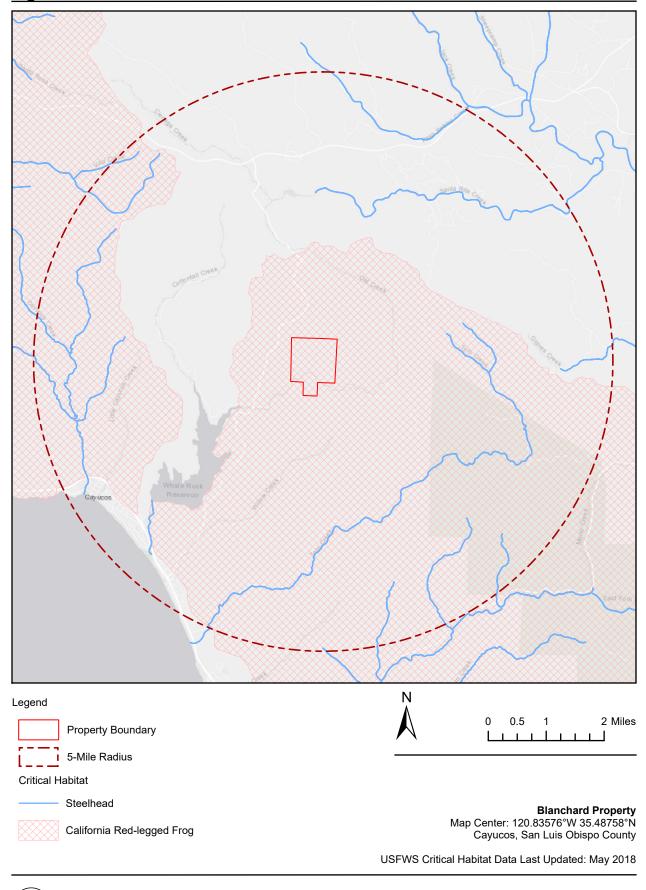


Figure 4. United States Fish and Wildlife Service Critical Habitat

ALTHOUSE AND MEADE, INC. BIOLOGICAL AND ENVIRONMENTAL SERVICES Map Updated: September 18, 2018 01:06 PM by JBB

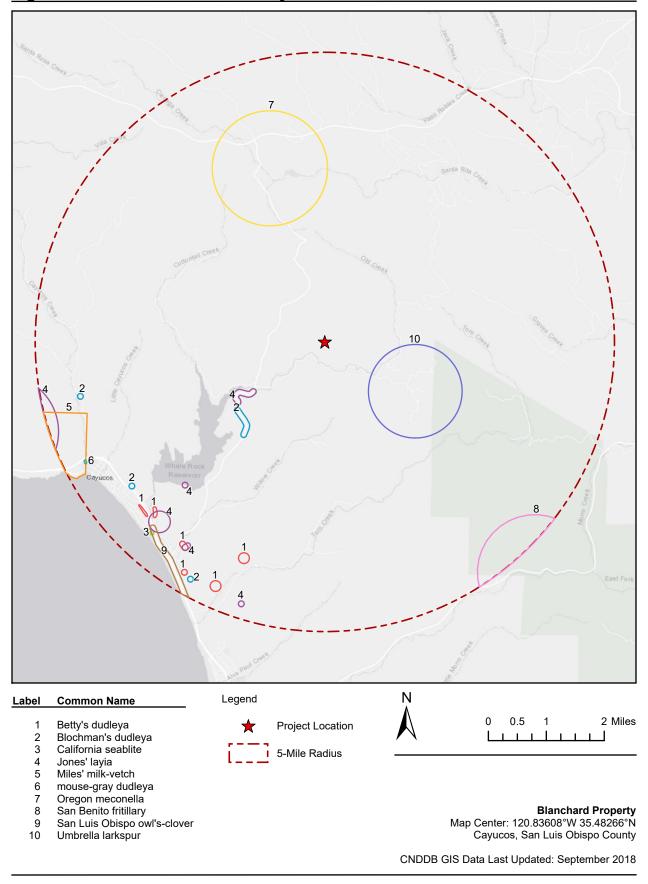


Figure 5. California Natural Diversity Database Plant Records



Map Updated: September 18, 2018 01:06 PM by JBB

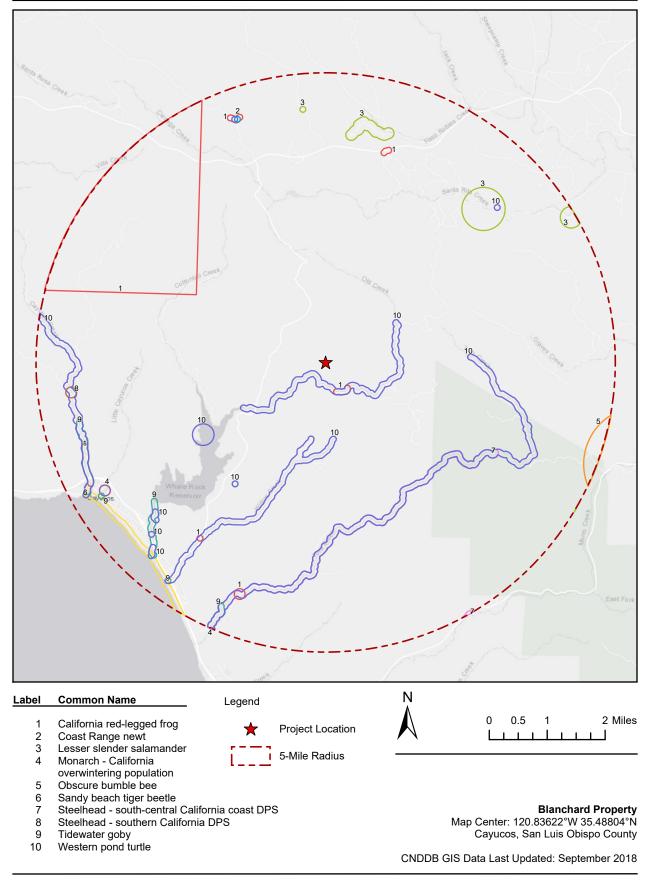
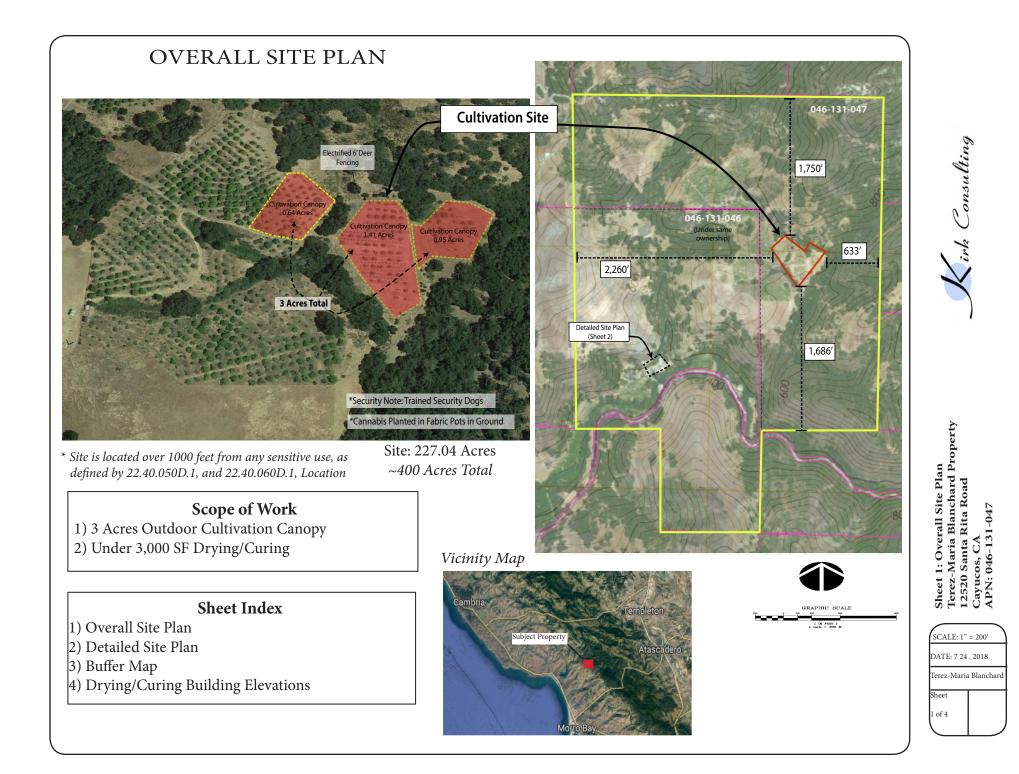
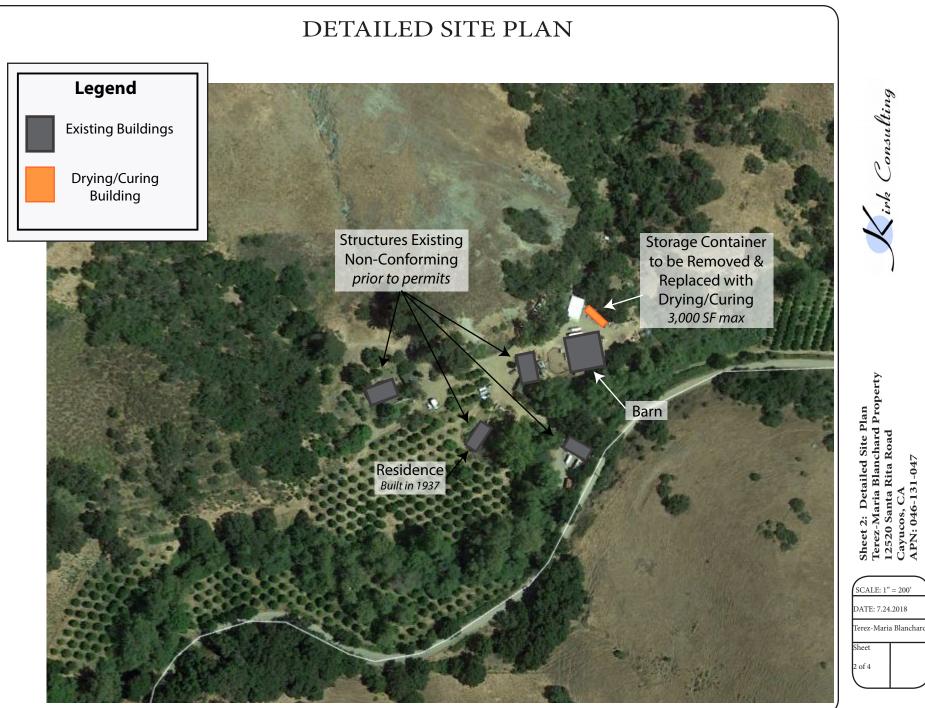


Figure 6. California Natural Diversity Database Animal Records

ALTHOUSE AND MEADE, INC. BIOLOGICAL AND ENVIRONMENTAL SERVICES Map Updated: September 18, 2018 01:07 PM by JBB





Cayucos, CA APN: 046-131-047

Attachment D. CNDDB/CNPS Special Status Species Lists

Potential Special Status Plant List

Table 1 lists one special status plant species reported from the region with potential to occur. Federal status, California State status, and CNPS ranking for each species are given. Typical blooming period, habitat preference, potential to occur on site, and whether or not the species was observed in the Study Area are also provided.

TABLE 1. SPECIAL STATUS PLANT LIST.

	Common Name Scientific Name	Fed/State Status Global/State Rank CRPR	Blooming Period	Habitat Preference	Potential to Occur	Detected Within Study Area?	Effect of Proposed Activity
1.	Cambria Morning Glory <i>Calystegia subacaulis</i> subsp. <i>episcopalis</i>	None/None G3T2/S2 4.2	(March) April – June (July)	Dry, open scrub, woodland, or grassland; <500 m. c SCoRO. Endemic to SLO County.	Low. Appropriate open woodland habitat is present around the periphery of the Study Area.	No	To Be Determined by Spring Survey
Habitat Preference Abbreviations: CCo: Central Coast SCo: South Coast SCoR: South Coast Ranges SCoRO: Outer South Coast Ranges SCoRI: Inner South Coast Ranges		SnFrB: San Francisco Bay TR: Transverse Ranges WTR: Western Transverse Ranges SnJV: San Joaquin Valley ScV: Sacramento Valley		SLO: San Luis Obispo SN: Sierra Nevada SnJt: San Jacinto Mtns SnBr: San Bernardino Teh: Tehachapi Mtn A	SW: S DMoj PR: P	Central West South West : Mojave Desert eninsular Range	
FE: F FT: F	Rank Abbreviations: Federally Endangered Federally Threatened Proposed Federally Endangered	CE: Cali	osed Federally Th fornia Endangered fornia Rare		CT: California Threate Cand. CE: Candidate f Cand. CT: Candidate f	for California En	0
CRPR CRPR	rnia Rare Plant Ranks: 1A: Plants presumed extirpated i 1B: Plants rare, threatened, or er 4: Plants of limited distribution -	ndangered in California and els					
0.1 - S 0.2 - N	C Threat Ranks: eriously threatened in California Moderately threatened in Californ fot very threatened in California	ia (20-80% occurrences threate	ened / moderate de	gree and immediacy of the	reat)	own)	

Potential Special Status Animals List

Table 2 lists three special status animal species reported from the region with potential to occur in the Study Area. Federal status, California State status, and CDFW listing status for each species are given. Typical nesting or breeding period, habitat preference, to occur, and whether or not the species was observed in the Study Area are also provided.

	Common Name Scientific Name	Fed/State Status Global/State Rank CRPR	Nesting- Breeding Period	Habitat Preference	Potential to Occur	Detected Within Study Area?	Effect of Proposed Activity
1.	Cooper's Hawk Accipiter cooperii	None/None G5/S4 WL	March 15 through August 15	Oak woodland, riparian, open fields. Nests in dense trees, esp. coast live oak.	Moderate. Coast live oak trees surround the Study Area, providing appropriate nesting habitat for this species.	No	Less than Significant with Mitigation
2.	Western Pond Turtle Emys marmorata	None/None G3G4/S3 SSC	April - August	Permanent or semi- permanent streams, ponds, lakes.	Low. Suitable upland nesting habitat is present in the Study Area, though water sources are not directly on the site.	No	Less than Significant with Mitigation
3.	California Red-legged Frog <i>Rana draytonii</i>	Threatened/None G2G3/S2S3 SSC	January - September	Lowlands and foothills in or near sources of deep water with dense, shrubby or emergent riparian vegetation. Requires 11-20 weeks for larval development.	Low. Study Area is within CRLF critical habitat zone, but no deep-water sources within Study Area.	No	Less than Significant with Mitigation

TABLE 2. SPECIAL STATUS ANIMAL LIST.

Habitat characteristics are from the Jepson Manual and the CDNNB.

Abbreviations:

FE: Federally Endangered FT: Federally Threatened PT: Proposed Federally Threatened

CE: California Endangered CT: California Threatened PE: Proposed Federally Endangered Cand. CE: Candidate for California Endangered Cand. CT: Candidate for California Threatened

SA: CDFW Special Animal SSC: CDFW Species of Special Concern FP: CDFW Fully-Protected WL: CDFW Watch List

Attachment E. Plant List

TABLE 3. PLANT LIST.

Scientific Name	Special Status	Origin	Common Name
Trees - 4 Species		-	
Persea americana	None	Planted	Avocado
Platanus racemosa	None	Native	Western sycamore
Quercus agrifolia var. agrifolia	None	Native	Coast live oak
Salix lasiolepis	None	Native	Arroyo willow
Shrubs - 6 Species			
Adenostoma fasciculatum	None	Native	Chamise
Artemisia californica	None	Native	Coastal sagebrush
Baccharis pilularis	None	Native	Coyote brush
Frangula californica subsp. californica	None	Native	Coffeeberry
Mimulus aurantiacus	None	Native	Bush monkeyflower
Toxicodendron diversilobum	None	Native	Poison oak
Forbs - 45 Species			
Acmispon americanus var. americanus	None	Native	Spanish clover
Anagallis arvensis	None	Introduced	Scarlet pimpernel
Artemisia douglasiana	None	Native	Mugwort
Cannabis sativa	None	Introduced	Hemp
Carduus pycnocephalus	None	Introduced	Italian thistle
Centaurea melitensis	None	Introduced	Tocalote
Chenopodium californicum	None	Native	California goosefoot
Cirsium vulgare	None	Introduced	Bull thistle
Convolvulus arvensis	None	Introduced	Bindweed
Corethrogyne filaginifolia	None	Native	California aster
Croton setigerus	None	Native	Dove weed
Cynara cardunculus	None	Introduced	Cardoon
Erigeron canadensis	None	Native	Common horseweed
Erodium botrys	None	Introduced	Filaree
Erodium cicutarium	None	Introduced	Redstem filaree
Eschscholzia californica	None	Native	California poppy
Foeniculum vulgare	None	Introduced	Fennel
Geranium dissectum	None	Introduced	Cutleaf geranium
Cordylanthus rigidus	None	Native	Rigid bird's beak

Scientific Name	Special Status	Origin	Common Name
Helminthotheca echioides	None	Introduced	Bristly ox-tongue
Hemizonia congesta	None	Native	Hayfield tarweed
Hirschfeldia incana	None	Introduced	Short podded mustard
Lactuca serriola	None	Introduced	Prickly lettuce
Lagophylla ramosissima	None	Native	Slender hareleaf
Lobularia maritima	None	Planted	Sweet alyssum
Logfia gallica	None	Introduced	Narrowleaf cottonrose
Lonicera hispidula	None	Native	Pink honeysuckle
Malva parviflora	None	Introduced	Cheeseweed mallow
Medicago polymorpha	None	Introduced	California burclover
Melica californica	None	Native	California melic
Melilotus officinalis	None	Introduced	Yellow sweetclover
Microseris douglasii	None	Native	Douglas' silverpuffs
Phacelia viscida	None	Planted	Sticky phacelia
Plantago lanceolata	None	Introduced	English plantain
Polygonum aviculare subsp. depressum	None	Introduced	Common knotweed
Pseudognaphalium californicum	None	Native	California everlasting
Rumex crispus	None	Introduced	Curly dock
Salvia spathacea	None	Native	Hummingbird sage
Silene gallica	None	Introduced	Small-flower catchfly
Silybum marianum	None	Introduced	Milk thistle
Sonchus oleraceus	None	Introduced	Common sow thistle
Spergula arvensis	None	Introduced	Stickwort
Spergularia rubra	None	Introduced	Red sand spurrey
Torilis arvensis	None	Introduced	Hedge parsley
Zinnia elegans	None	Native	Zinnia
Grasses - 12 Species			
Avena barbata	None	Introduced	Slender wild oat
Avena fatua	None	Introduced	Wild oat
Bromus carinatus var. carinatus	None	Native	California brome
Bromus diandrus	None	Introduced	Ripgut brome
Bromus hordeaceus	None	Introduced	Soft chess brome
Bromus madritensis subsp. rubens	None	Introduced	Red top brome
Cynodon dactylon	None	Introduced	Bermuda grass
Festuca perennis	None	Introduced	Italian rye grass
Lamarckia aurea	None	Introduced	Goldentop

	Special		
Scientific Name	Status	Origin	Common Name
Melica californica	None	Native	California melic
Secale cereale	None	Introduced	Cereal rye
Stipa miliacea	None	Introduced	Smilo grass

Attachment F. Wildlife List

TABLE 4. WILDLIFE LIST.

Common Name	Scientific Name	Special Status	Habitat Type			
Invertebrates – 1 Species						
Monarch Butterfly	Danaus plexippus	None	California coast, eucalyptus groves			
Reptiles – 1 Species						
Western Fence Lizard	Sceloporus occidentalis	None	Grassland, scrub, woodland, farmland			
Birds – 10 Species						
California Scrub Jay	Aphelocoma californica	None	Scrub			
Red-tailed Hawk	Buteo jamaicensis	None	Open woodlands			
California Quail	Callipepla californica	None	Scrub			
Turkey Vulture	Cathartes aura	None	Open country			
Rock Pigeon	Columba livia	None	Urban areas, farmland			
American Crow	Corvus brachyrhynchos	None	Open woodlands			
Steller's Jay	Cyanocitta stelleri	None	Forest, woodlands			
Western Screech-Owl	Megascops kennicottii	None	Open woodlands			
European Starling	Sturnus vulgaris	None	Towns, grasslands, open woodlands			
Mourning Dove	Zenaida macroura	None	Open woodlands			
Mammals – 1 Species						
Mule Deer	Odocoileus hemionus	None	Grasslands, woodlands			

coast