

**INITIAL MANAGEMENT EVALUATION & RECOMMENDATIONS REPORT
(IMER)**

For

SPRINGBROOK INVESTMENTS PROPERTY



**Prepared by
Natural Resources Management Section
Riverside County Parks**

April, 2007

**Riverside County
 Multi-Species Habitat Conservation Plan
 Initial Management Evaluation and Recommendations
 Habitat Management Unit: San Timoteo**

RESERVE NAME: TIM 1
 ACQUISITION NAME: SPRINGBROOK INVESTMENTS
 PROJECT ID NUMBER: RC22000072

1. SITE PHYSICAL DESCRIPTION

1.A. Site Physical Location & Access:

The Springbrook site is comprised of two separate parcels totaling 15.0-acres. From west to east they are Springbrook-A (257-130-001) and Springbrook-B (257-130-007).

The Springbrook site is located north of Hwy 60, east of Serpentine Road, south and west of Pigeon Pass Road within the City of Riverside. The site is located on the north facing slope of the Box Springs Mountains and is not directly accessible by vehicle; therefore, travel to the site is afoot. The parcels general locations are:

PARCEL	UTM (NAD-27, meters)	STATE PLAIN (NAD-83, feet)	TOWNSHIP/RANGE/SECTION (Beauty Mt. Quad)
A	472015E 3762012N	6242232E 2309139N	T2S, R4E, Sec.16, SE, NE
B	472573E 3762016N	6244050E 2309163N	T2S, R4E, Sec.16, SE, NE

1.B. APNs & Acreage:

APN	ACRES
257-130-001	10.0
257-130-007	5.0
TOTAL	15.0

1.C. Topography:

The majority of the property is rocky, very steep and ridged. The property is atop one of the small peaks in the Box Springs mountain range. Given the location and topography of the site, the area is very difficult to access.

1.D. Surrounding Land Use:

The immediate area of the site (< 1 mile radius) is surrounded by the natural open space of the Box Springs Mountains. Further away from the site (> 1 mile radius) exists medium-density housing and commercial buildings to the north and west. East and south of the site is currently undeveloped, but a housing development in the northeast is currently in the grading stages. Given the topography of the site, no off-highway vehicle (OHV) activity was noticed on the site or within the surrounding area.

2. BIOLOGICAL ASSESSMENT

2.A. Plant Communities:

The site is located in an area that experiences relatively frequent wildfires. As a result, the majority of the site supports non-native annual grasses (e.g. *Bromus* spp., *Avena* spp.) and mustard (*Hirschfeldia incana*). A few small patches of sage scrub remain, primarily supporting individuals of California buckwheat (*Eriogonum fasciculatum*).

2.B. Likely Animal Species:

Animals likely to be found on the site could include the California ground squirrel (*Spermophilus beecheyi*), bobcat (*Lynx rufus*), coyote (*Canis latrans*), American crow (*Corvus brachyrhynchos*), common raven (*Corvus corax*), red-tailed hawk (*Buteo jamaicensis*), southern Pacific rattlesnake (*Crotalus viridis*), western whiptail (*Cnemidophorus tigris*), and side-blotched lizard (*Uta stansburiana*).

2.C. Other Habitat or Wildlife Features:

The Box Springs Mountains are part of a larger wildlife matrix with the San Bernardino Mountains to the north and the San Jacinto Mountains to the east. The matrix is interconnected through the historic wildlife corridors of San Timoteo Canyon and the Moreno Badlands.

Given the rocky geology and geographic location of the site, it may serve as suitable habitat for several bat species and granite spiny lizard (*Sceloporus orcutii*); which has been documented to occur within the area.

2.D. Target Species:

Please see Appendix A for a qualitative checklist of MSHCP target animal species, and Appendix B for plant species.

3. IMPACTS AND CURRENT CONDITIONS

3.A. Current Uses:

The site is currently not being used, most likely due to the topography and location of the site.

3.B. Fencing & Access Controls:

Fencing along the perimeter of the site is unnecessary due to the steepness and lack of easy access to the site. The site is currently not accessible by vehicle.

3.C. Off-Road Vehicle (OHV) Use / Damage:

No signs of OHV activities were noticed in this area.

3.D. Illegal Dumping:

Given the topography and location of the site, the site is currently not easily accessible for illegal dumping.

3.E. Target Shooting & Hunting:

The site is currently not being used for target shooting or hunting.

3.F. Weed Abatement:

No weed abatement activities are currently required on this site.

3.G. Other Recreational Opportunities and Constraints:

Given the topography size and location of the site, the site is not suitable for any recreation activities.

3.H. Special Conditions of Purchase:

None Reported.

4. RESTORATION OPPORTUNITIES

4.A. Target Species:

Restoration of the sage-scrub plant community can best be accomplished by thinning out the non-native grasses and allowing the scrub species to naturally re-establish. This process will be difficult given the steep and rocky topography.

4.B. Multi-Species Aspects:

The multiple species importance of this site primarily lies in it serving as a component of the corridor between the Box Springs Mountains and the Moreno Badlands.

5. RERSERVE DESIGN AND CONNECTIVITY

5.A. Boundary, Edge and Community Location:

Due to the little disturbance within the site, the site supports a low degree of edge effects. The boundary of the site is surrounded by open-space habitat.

5.B. Connectivity:

The Springbrook property will help establish Proposed Linkage 4, which is designed to connect Existing Noncontiguous Habitat Block A (Box Springs Mountain) to Proposed Core 3. Human encroachment may be a key factor in preventing this connection.

5.C. Nearby Existing Reserves:

The nearest MSHCP reserve to the Springbrook property is the Reche1 property (Reche Canyon Donation); which is located approximately 2 miles to the east. Another nearby reserve is the Vogel/Cuccia reserve, which is located approximately 7 miles to the east. Open-space land between the Springbrook property and the Vogel/Cuccia/Reche1 property has not been acquired. The 2,426-acres Box Springs Mountain Reserve is adjacent to the Springbrook property.

5.D. Priority for Future Purchases:

Given the high probability of development in the area, priority should be given to acquiring the parcels that exist between the Box Springs Mountain Reserve and the Springbrook property. This would ensure the continuity of open-space between the Box Springs Mountains and Proposed Linkage 4. Also, further acquisitions to the east of Box Springs Mountains connecting to Vogel-Cuccia should be sought

6. INTERIM MANAGEMENT

6.A. Public Issues:

No public issues are foreseen concerning this site.

6.B. Biological Issues:

The biggest biological issue on this site is the dominant presence of non-native grasses and weeds. Restoration possibilities to restore native coast-sage scrub habitat is possible but are very time consuming, expensive, and given the topography of the site could be very challenging.

6.C. Recommended Interim Management Scenario:

Periodically monitor and inspect the site for new OHV trails and determine if the frequency of visitors is increasing or remaining the same by documenting any new disturbances to the land (e.g. new OHV trails, trash, shotgun shells etc.).

7. MAPS – Appendix C.

8. SITE PHOTOGRAPHS – Appendix D.

COMMON NAME	SCIENTIFIC NAME	HABITAT	NOT PRESENT	NOT LIKELY PRESENT	POSSIBLY PRESENT	LIKELY PRESENT	CONFIRMED PRESENT
INVERTEBRATES							
RIVERSIDE FAIRY SHRIMP	<i>Streptocephalus woottoni</i>	Vernal Pool	✓				
SANTA ROSA PLATEAU FAIRY SHRIMP	<i>Linderiella santarosae</i>	Vernal Pool	✓				
VERNAL POOL FAIRY SHRIMP	<i>Branchinecta lynchi</i>	Vernal Pool	✓				
INSECTS							
QUINO CHECKERSPOT BUTTERFLY	<i>Euphydryas editha quino</i>	Sage Scrub		✓			
DELHI SANDS FLOWER-LOVING FLY	<i>Rhaphiomidas terminus abdominalis</i>	Delhi Sands	✓				
FISH							
ARROYO CHUB	<i>Gila orcuttii</i>	Aquatic	✓				
SANTA ANA SUCKER	<i>Catostomus santaanae</i>	Aquatic	✓				
AMPHIBIANS							
COAST RANGE NEWT	<i>Taricha torosa tarosa</i>	Riparian / Intermittant Streams	✓				
ARROYO TOAD	<i>Bufo californicus</i>	Riparian / Well-watered Streams	✓				
WESTERN SPADEFOOT TOAD	<i>Scaphiopus hammondi</i>	Temp. Pools / Surrounding Uplands	✓				
CALIFORNIA RED-LEGGED FROG	<i>Rana aurora draytonii</i>	Permanent Streams and Rivers	✓				
MOUNTAIN YELLOW-LEGGED FROG	<i>Rana mucosa</i>	Mountain Streams / Rivers / Lakes	✓				
REPTILES							
WESTERN POND TURTLE	<i>Clemmys marmorata pallida</i>	Aquatic	✓				
SAN DIEGO COAST HORNED LIZARD	<i>Phrynosoma comonatum blainvillii</i>	Sage Scrub / Grasslands		✓			
SOUTHERN SAGEBRUSH LIZARD	<i>Sceloporus graciosus vandenburgianus</i>				✓		
GRANITE SPINY LIZARD	<i>Sceloporus orcuttii</i>	Sage Scrub with Rocks		✓			
GRANITE NIGHT LIZARD	<i>Xantusia henshawi henshawi</i>	Rocky sage scrub & chaparral				✓	
ORANGE-THROATED WHIPTAIL	<i>Cnemidophorus hyperythrus beldingii</i>	Sage Scrub			✓		
SAN DIEGO BANDED GECKO	<i>Coleonyx variegatus abbottii</i>	Sage Scrub / Chaparral		✓			
SAN BERNARDINO MOUNTAIN KINGSSNAKE	<i>Lampropeltis zonata parviruba</i>	Upper Elev. Chaparral & Mountains		✓			
SAN DIEGO MOUNTAIN KINGSSNAKE	<i>Lampropeltis zonata pulchra</i>	Upper Elev. Chaparral & Mountains		✓			
SOUTHERN RUBBER BOA	<i>Charina bottae umbratica</i>	Mountains	✓				
NORTHERN RED DIAMOND RATTLESNAKE	<i>Crotalus ruber ruber</i>	Sage Scrub / Chaparral				✓	
BIRDS							
DOUBLE-CRESTED CORMORANT	<i>Phalacrocorax auritus</i>	Aquatic	✓				
AMERICAN BITTERN	<i>Botaurus lentiginosus</i>	Marsh	✓				
GREAT BLUE HERON	<i>Ardea herodias</i>	Waterways & Surrounding Areas	✓				
BLACK-CROWNED NIGHT HERON	<i>Nycticorax nycticorax</i>	Waterways & Surrounding Areas	✓				
WHITE-FACED IBIS	<i>Plegadis chihi</i>	Waterways & Surrounding Areas	✓				
MOUNTAIN PLOVER	<i>Charadrius montanus</i>	Waterways & Surrounding Areas	✓				
TURKEY VULTURE	<i>Carthartes aura</i>	Cosmopolitan				✓	
GOLDEN EAGLE	<i>Aquila chrysaetos</i>	Cosmopolitan		✓			
BALD EAGLE	<i>Haliaeetus leucocephalus</i>	Lakes	✓				
WHITE-TAILED KITE	<i>Elanus leucurus</i>	Brushy Grassland			✓		
NORTHERN HARRIER	<i>Circus cyaneus</i>	Brushy Grassland			✓		
SHARP-SHINNED HAWK	<i>Accipiter striatus</i>	Woodlands & Surrounding Areas		✓			
COOPER'S HAWK	<i>Accipiter cooperii</i>	Woodlands & Surrounding Areas		✓			
NORTHERN GOSHAWK	<i>Accipiter gentilis</i>	Mountains	✓				
SWAINSON'S HAWK	<i>Buteo swainsoni</i>	Open Country		✓			
FERRUGINOUS HAWK	<i>Buteo regalis</i>	Open Country			✓		
OSPREY	<i>Pandion haliaetus</i>	Lakes	✓				
MERLIN	<i>Falco columbarius</i>	Open Woods & Surrounding Areas		✓			
PRAIRIE FALCON	<i>Falco mexicanus</i>	Open Country		✓			
PEREGRINE FALCON	<i>Falco peregrinus</i>	Open Country Near Wetlands		✓			
MOUNTAIN QUAIL	<i>Oreortyx pictus</i>	Mountains	✓				
WESTERN YELLOW-BILLED CUCKOO	<i>Coccyzus americanus occidentalis</i>	Riparian	✓				
CALIFORNIA SPOTTED OWL	<i>Stryx occidentalis occidentalis</i>	Mountains	✓				
BURROWING OWL	<i>Athene cucularia hypugaea</i>	Open Country		✓			
BLACK SWIFT	<i>Cypseloides niger</i>	Cliffs Near Water	✓				
WILLIAMSON'S SAPSUCKER	<i>Sphyrapicus thyroideus</i>	Mountains		✓			

DOWNY WOODPECKER	<i>Picoides pubescens</i>	Areas With Trees	✓				
SOUTHWESTERN WILLOW FLYCATCHER	<i>Empidonax traillie extimus</i>	Riparian	✓				
CALIFORNIA HORNED LARK	<i>Eremophila alpestris acta</i>	Open Grasslands & Sage Scrub			✓		
TREE SWALLOW	<i>Tachycineta bicolor</i>	Wooded Areas Near Water	✓				
PURPLE MARTIN	<i>Progne subis</i>	Open Country		✓			
CACTUS WREN	<i>Campylorhynchus brunneicapillus</i>	Sage Scrub With Cactus	✓				
COASTAL CALIFORNIA GNATCATCHER	<i>Polioptila californica californica</i>	Sage Scrub		✓			
LOGGERHEAD SHRIKE	<i>Lanius lucovicianus</i>	Cosmopolitan			✓		
LEAST BELL'S VIREO	<i>Vireo bellii pusillus</i>	Extensive Riparian	✓				
NASHVILLE WARBLER	<i>Vermivora ruficapilla</i>	Riparian	✓				
YELLOW WARBLER	<i>Dendroica petechia brewsteri</i>	Riparian	✓				
McGILLIVRAY'S WARBLER	<i>Oporornis tolmiei</i>	Riparian	✓				
WILSON'S WARBLER	<i>Wilsonia pusilla</i>	Riparian	✓				
YELLOW-BREASTED CHAT	<i>Icteria virens</i>	Riparian	✓				
GRASSHOPPER SPARROW	<i>Ammodramus savannarum</i>	Grasslands		✓			
BELL'S SAGE SPARROW	<i>Amphispiza bellii bellii</i>	Chaparral			✓		
SO. CAL. RUFOUS-CROWNED SPARROW	<i>Aimophila ruficeps canescens</i>	Sage Scrub / Chaparral Slopes			✓		
LINCOLN'S SPARROW	<i>Melospiza lincolni</i>	Mountain Bogs & Meadows		✓			
TRICOLORED BLACKBIRD	<i>Agelaius tricolor</i>	Marsh	✓				
MAMMALS							
BOBCAT	<i>Lynx rufus</i>	Cosmopolitan				✓	
MOUNTAIN LION	<i>Felis concolor</i>	Remote Mountainous Areas			✓		
LONG-TAILED WEASEL	<i>Mustela frenata</i>	Open Country			✓		
COYOTE	<i>Canis latrans</i>	Cosmopolitan				✓	
BRUSH RABBIT	<i>Sylvilagus bachmani</i>	Chaparral		✓			
SAN DIEGO BLACK-TAILED JACKRABBIT	<i>Lepus californicus bennettii</i>	Open Country	✓				
LOS ANGELES POCKET MOUSE	<i>Perognathus longimembris brevisus</i>	Streambeds & Sandy Areas		✓			
NORTHWESTERN SAN DIEGO POCKET MOUSE	<i>Chaetodipus fallax fallax</i>	Sage Scrub / Chaparral		✓			
AGUNAGA KANGAROO RAT	<i>Dipodomys merriami collinus</i>	Sandy Areas Near Aguanga	✓				
SAN BERNARDINO KANGAROO RAT	<i>Dipodomys merriami parvus</i>	Sandy Areas / San Jacinto River	✓				
DELZURA KANGAROO RAT	<i>Dipodomys simulans</i>	Sage Scrub / Chaparral	✓				
STEPHENS' KANGAROO RAT	<i>Dipodomys stephensi</i>	Open Country			✓		
SAN DIEGO DESERT WOODRAT	<i>Neotoma lepida intermedia</i>	Sage Scrub / Chaparral			✓		
SAN BERNARDINO FLYING SQUIRREL	<i>Glaucomys sabrinus californicus</i>	Mountains	✓				

APPENDIX B.
Target Plant Species

COMMON NAME	SCIENTIFIC NAME	HABITAT(S)	GENERAL LOCATIONS	NOT PRESENT	NOT LIKELY PRESENT	POSSIBLY PRESENT	LIKELY PRESENT	CONFIRMED PRESENT
beautiful hulsea	<i>Hulsea vestita</i> var. <i>callicarpa</i>	Mid-level mountains	SJMTS	✓				
Brand's phacelia	<i>Phacelia stellaris</i>	Sandy benches	SARIV	✓				
California beardtongue	<i>Penstemon californicus</i>	Mid-level mountains	SJMTS, DVA, SRP		✓			
California bedstraw	<i>Galium californicum</i> var. <i>primum</i>	Upper elevation chaparral	SJMTS, DVA, San Timoteo		✓			
California black walnut	<i>Juglans californica</i> var. <i>californica</i>	Streams	SRP, Pedley	✓				
California muhly	<i>Muhlenbergia californica</i>	Riparian / seeps	Sage area, Prado area, GAV, TEM		✓			
California Orcutt grass	<i>Orcuttia californica</i>	Vernal pools	SALT, SRP, SKUNK	✓				
chickweed oxytheca	<i>Oxytheca caryophylloides</i>	Mountains	SJMTS		✓			
Cleveland's bush monkeyflower	<i>Mimulus clevelandii</i>	Upper elevation chaparral	SAMTS		✓			
cliff cinquefoil	<i>Potentilla rimicola</i>	High elevation rocks	SJMTS		✓			
Coulter's goldfields	<i>Lasthenia glabrata</i> var. <i>coulteri</i>	Alkali vernal plains	SJVAL, Perris Valley, Nichols Rd.	✓				
Coulter's matilija poppy	<i>Romneya coulteri</i>	Dry washes and canyons	GAV, TEM		✓			
Davidson's saltscale	<i>Atriplex sereana</i> var. <i>davidsonii</i>	Alkali vernal plains and pools	SJVAL, Perris Valley, Nichols Rd.	✓				
Englemann oak	<i>Quercus engelmannii</i>	Mesic fans and slopes	SRP, SAMTS, GAV	✓				
Fish's mildwort	<i>Polygala cornuta</i> var. <i>fishiae</i>	Oak riparian woodlands	SRP, SAMTS, Temecula area	✓				
graceful tarplant	<i>Holcarpa virgata</i> elongata	Level grasslands and shrublands	SRP	✓				
Hall's monardella	<i>Monardella macrantha</i> var. <i>hallii</i>	Mountain foothills, dry slopes, ridges	SAMTS, Pine Cove area		✓			
Hammitt's clay-cress	<i>Sibaropsis hammittii</i>	Clay grasslands	SAMTS		✓			
heart-leaved pitcher plant	<i>Lepechinia cardiophylla</i>	Forests	SAMTS	✓				
intermediate mariposa lily	<i>Calochortus weedii</i> var. <i>intermedius</i>	Dry rocky slopes in SS / CHAP, burned areas	SAMTS, DVA, VAIL		✓			
Jaeger's milk-vetch	<i>Astragalus pachypus</i> var. <i>jaegeri</i>	Dry areas	VAIL, Agunaga area, Protrero area		✓			
Johnston's rock cress	<i>Arabis johnstonii</i>	Upper elevation chaparral, forests	SJMTS		✓			
lemon lily	<i>Lilium parryi</i>	Mountain wet places	SJMTS	✓				
little mouseltail	<i>Myosaurus minimum</i> apus	Vernal pools, alkali sinks	SALT, SRP, GAV, MARB	✓				
long-spined spine flower	<i>Chorizanthe polygonoides</i> var. <i>longispina</i>	Rocky clay soils	GAV, TEM, SAMTS, SRP		✓			
many-stemmed dudleya	<i>Dudleya multicaulis</i>	Rocky clay soils, outcrops	GAV, TEM		✓			
Mojave tarplant	<i>Deinandra</i> [Hemizonia] <i>mohavensis</i>	Clay or silty streams	SJMTS and foothills		✓			
mud nama	<i>Nama stenocarpum</i>	Marshes	SJRIV near Gilman	✓				
Munz's mariposa lily	<i>Calochortus palmeri</i> var. <i>munzii</i>	Mountains, chaparral	SJMTS			✓		
Munz's onion	<i>Allium munzii</i>	Clay soils in SS / CHAP / Grasslands	GAV, TEM, SAMTS, SKUNK, SKIN		✓			
Nevin'a barberry	<i>Berberis nevinii</i>	Course soils in chaparral	Varies			✓		
ocellated Humboldt lily	<i>Lilium humboldtii</i> ocellatum	Mountain riparian	SAMTS, Palomar Mts.	✓				
Orcutt's brodiaea	<i>Brodiaea orcuttii</i>	Mesic grasslands and pools	SRP		✓			
Palmer's grapplinghook	<i>Harpagonella palmeri</i>	Clay soils in SS / CHAP / Grasslands	varies		✓			
Palomar monkeyflower	<i>Mimulus diffusus</i>	Sandy soils in upper elev. CHAP, forests	SAMTS, SJMTS		✓			
Parish's brittlescale	<i>Atriplex parishii</i>	Alkaine soils	SALT, lower SJRIV		✓			
Parish's meadowfoam	<i>Limnanthes gracilis</i> var. <i>parishii</i>	Ephemeral wetlands	SRP	✓				

APPENDIX B.
 Target Plant Species

Parry's spine flower	<i>Chorizanthe parryi var. parryi</i>	Alluvial scrub	Varies		✓			
Payson'r jewelflower	<i>Caulanthus simulans</i>	Pinyon-Juniper, chaparral, sage scrub	Agunaga area		✓			
peninsular spine flower	<i>Chorizanthe leptotheca</i>	Dry open areas	Varies			✓		
Plummer's mariposa lily	<i>Calochortus plummerae</i>	Varies	SJMTS, Jurupa Hills			✓		
prostrate navarretia	<i>Navarretia prostrata</i>	Sage scrub, vernal pools, grasslands	SRP		✓			
prostrate spine flower	<i>Chorizanthe procumbrens</i>	Sandy openings in CHAP / SS	SAMTS		✓			
Rainbow manzanita	<i>Arctostaphylos rainbowensis</i>	Iron rich soils in chaparral	SRP, GAV, TEM, Wildomar area		✓			
round-leaved filaree	<i>Erodium macrophyllum</i>	Grasslands	GAV, DVA, TEM			✓		
San Diego ambrosia	<i>Ambrosia pumila</i>	Grasslands	Alberhill, Lake Street, SKUNK			✓		
San Diego button-celery	<i>Eryngium aristulatum var. parishii</i>	Vernal pools	SRP	✓				
San Jacinto Mountains bedstraw	<i>Galium angustifolium jacinticum</i>	Forests	SJMTS	✓				
San Jacinto Valley crownscale	<i>Atriplex coronatum var. notatior</i>	Floodplains	MYSTIC, SALT	✓				
San Miguel savory	<i>Satureja chandleri</i>	Varies	SRP		✓			
Santa Ana River woollystar	<i>Eriastrum densifolium sanctorum</i>	Alluvial scrub (immature)	SARIV	✓				
shaggy-haired alumroot	<i>Heuchera hirsutissima</i>	Forests	SJMTS	✓				
slender-horned spine flower	<i>Dodecahema leptoceras</i>	Alluvial scrub (mature)	Indian Creek, VAIL area	✓				
small-flowered microserius	<i>Microserius douglasii var. platycarpha</i>	Clay foothills and grasslands	SRP, Bachelor Mt. area			✓		
small-flowered morning-glory	<i>Convolvulus simulans</i>	Clay and serpentine soils in grasslands	Varies		✓			
smooth tarplant	<i>Centromadia pungens (Hemizonia pungens laevis)</i>	Varies	Varies		✓			
spreading navarretia	<i>Navarretia fossalis</i>	Vernal pools and ditches	SALT, SJRIV	✓				
sticky-leaved dudleya	<i>Dudleya viscida</i>	Rocky canyon slopes	SAMTS		✓			
thread-leaved brodiaea	<i>Brodiaea filifolia</i>	Alkali pools, mesic grasslands	SJRIV, SALT, SRP		✓			
Vail Lake ceanothus	<i>Ceanothus ophiocilius</i>	Dry ridgetops in chaparral	VAIL area		✓			
vernal barley	<i>Hordeum intercedens</i>	Vernal pools and mesic grasslands	SALT, SJRIV		✓			
Wright's trichocoronis	<i>Trichocoronis wrightii var. wrightii</i>	Alkali vernal pools and flats	SJRIV, MYSTIC	✓				
Yucaipa onion	<i>Allium marvinii</i>	Clay soils in chaparral	Beaumont area	✓				

PIGEON PASS RD

SERPENTINE RD



A



B

**APPENDIX C. SITE MAP
SPRINGBROOK INVESTMENTS PROPERTY
RC22000072**



PROPERTY BOUNDARY



APPENDIX D.



Springbrook-A parcel looking towards northern border of parcel.



Northwest corner of Springbrook-B parcel looking north.

APPENDIX D.



Northwest corner of Springbrook-B parcel looking south.



Northeast corner of Springbrook-B parcel looking south