Appendix B

General Biology, including Survey for Burrowing Owl (Athene cunicularia), Narrow Endemic Plant Species, Criteria Area Plant Species and other biological resources on the 20.26-acre Redlands Avenue West Industrial Project site (Assessor's Parcel Nos. 300-250-009, 300-250-010, 300-250-011, 300-250-012, 300-250-013, 300-250-014, 300-250-015, and 300-250-016), Perris, Riverside County, California

Osborne Biological Consulting

November 28, 2020

Information Summary

Report preparation date: November 28, 2020

Fieldwork performed: October 8, 12, 22, 24, 29, November 2, 5, and 10, 2020

Title: General Biology, including Survey for Burrowing Owl (*Athene cunicularia*), Narrow Endemic Plant Species, Criteria Area Plant Species and other biological resources on a 20.26-acre Redlands Avenue West Industrial Project site (Assessor's Parcel Nos. 300-250-009, 300-250-010, 300-250-011, 300-250-012, 300-250-013, 300-250-014, 300-250-015, and 300-250-016), Perris, Riverside County, California.

Project site location: West side of Redlands Avenue between Rider Street and Placentia Avenue, Perris, CA - Perris, U.S.G.S.-75.' Quadrangle, Township 4 S., Range 3 W., Section 17.

Assessor's Parcel Numbers: 300-250-009, 300-250-010, 300-250-011, 300-250-012, 300-250-013, 300-250-014, 300-250-015, and 300-250-016

Case Number: None.

Acreage of site: 20.26-acres.

Owner/Applicant: Lake Creek Industrial, LLC: 1302 Brittany Cross Road Santa Ana, CA 92705

Principle Investigator: Ken H. Osborne, Osborne Biological Consulting 6675 Avenue Juan Diaz, Riverside, CA 92509.

Report Summary: Results of the biological assessment and survey:

An abundance of ground squirrel burrows and soil cavities suitable for Burrowing Owl indicated potential residence of this species on the site. Survey found negative for Burrowing Owl.

There are no riparian or riverine habitats on the site, and no vernal pools. There are no potential jurisdictional waters/wetlands on-site.

The WRCMSHCP criteria does not indicate conservation for any part of the project site.

The proposed development to commercial use can not be expected to have adverse effects on sensitive biological resources.

Name and contact of Report Preparer: Ken H. Osborne (951) 360-6461

General Biology, including Survey for Burrowing Owl (*Athene cunicularia*), Narrow Endemic Plant Species, Criteria Area Plant Species and other biological resources on a 20.26-acre Redlands Avenue West Industrial Project site (Assessor's Parcel Nos. 300-250-009, 300-250-010, 300-250-011, 300-250-012, 300-250-013, 300-250-014, 300-250-015, and 300-250-016), Perris, Riverside County, California.

Prepared for:

Lake Creek Industrial, LLC
1302 Brittany Cross Road
Santa Ana, CA 92705

I hereby certify that the statements furnished above and in the attached exhibits present that data and information required for this biological evaluation and survey, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

11/29/2020

Kendall H. Osborne
6675 Avenue Juan Diaz
Riverside, CA 92509

Date

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SUMMARY

Lake Creek Industrial, LLC has requested a Habitat Assessment and Survey for Burrowing Owl (*Athene cunicularia*) and other biological resources on the 20.26-acre Redlands Avenue West Industrial Project site (Assessor's Parcel Nos. 300-250-009, 300-250-010, 300-250-011, 300-250-012, 300-250-013, 300-250-014, 300-250-015, and 300-250-016) in Perris, Riverside County, California. All relevant biological aspects of the project site were investigated.

In order to assess the project site for potential as habitat for Burrowing Owl, a field investigation was conducted on October 8, 2020. Additional surveys for Burrowing Owl were undertaken on October 12, 22, 24, 29, November 2, 5, and 10, 2020. In addition, notes were taken on vegetation communities and structure and plant or animal species observed on the site, photographs were taken of the project site. Consideration was also given to potential presence of riparian habitats, wetlands, vernal pools, and drainages subject to state or federal jurisdiction.

Burrowing Owl: Open field conditions with numerous ground squirrel burrows along with piles of soil riddled with burrows renders the project site highly suitable for Burrowing Owl. Burrowing Owl was determined to be absent from the site in the course of a focused survey for Burrowing Owl.

Miscellaneous: The site has no potential to support rare, narrow endemic, or MSHCP criteria area plant species.

The site has no drainages subject to State or Federal jurisdiction.

The proposed development for commercial use can not be expected to have adverse effects on sensitive biological resources.

1.0 INTRODUCTION

This report presents the methods and results of a Habitat Assessment and Survey for Burrowing Owl (*Athene cunicularia*) and other biological resources for the 20.26 acre Redlands Avenue West Industrial Project site (Assessor's Parcel Nos. 300-250-009, 300-250-010, 300-250-011, 300-250-012, 300-250-013, 300-250-014, 300-250-015, and 300-250-016) located along the west side of Redlands Avenue between Rider Street and Placentia Avenue in the City of Perris, Riverside County. It is my understanding that the applicant proposes commercial development for the site.

The entire project site consists of eight parcels on contiguous unfenced open land.

Figure 1 shows the general vicinity of the project site at 50% scale on the Perris, 7.5' USGS quadrangle. Figure 2 shows the site at 200% scale on this quadrangle.

2.0 SITE DISPOSITION

The project site is located along the west side of Redlands Avenue between Rider Street and Placentia Avenue in the City of Perris, Riverside County. Specifically, the site is located on the Perris U.S.G.S.-75.' quadrangle, in Section 17, Township 4 S., Range 3 W.

3.0 METHODS

Prior to the site investigation, satellite images in Google Earth and USGS Topographic maps covering the project site were investigated for indications of topography, drainages, and riparian vegetation.

The initial site visit on October 8, 2020 documented conditions on the site. All non-cultivated plant species and animal species observed were noted. Although the parcels on this project site are not within a Narrow Endemic Plant Species Survey Area or within a Criteria Area Plant Species Survey Area any plant species with these classifications would be noted in the course of biological evaluations of the project site. A thorough search, by walking transects across the site was made in order to locate and map any animal burrows of potential use to Burrowing Owl. All non-cultivated plant species and animal species observed were noted.

The site was directly examined for any evidence of drainages, wetlands, riparian habitat – focusing on the presence or absence of any riparian vegetation such as willows and cottonwoods, or riparian herb vegetation with diagnostic aquatic plants. A search for basins or depressions capable of holding water and supporting vernal conditions, was made. Vernal pools represent important habitat for a number of endangered fairy shrimp species and many narrow endemic plant species.

Finally, after reviewing any conservation requirements identified by the MSHCP for the project site (there are none), the character and distribution of commercial development, roads, canyon bottom, and wildland conservation areas was noted in consideration of wildlife dispersal corridors and potential urban/wildlands interface policy and compliance issues.

3.1 Burrowing Owl:

Habitat conditions for Burrowing Owl (*Athene cunicularia*) were evaluated on October 8, 2020. This species potential occurrence on the project site is evaluated pursuant to conditions of MSHCP section 6.3.2 ("In addition to the Narrow Endemic Plant Species listed in *Section 6.1.3*, additional surveys may be needed for certain species in conjunction with Plan implementation in order to achieve coverage for these species. This section discusses those additional survey needs and procedures.").

All portions of the project site were immediately identified as suitable for Burrowing Owl. The site, consisting of open fields, was searched for any animal burrows or cavities potentially suitable for Burrowing Owl. Such burrows or cavities (if any) were checked for owl sign such as pellets (composed of insects and small rodents), plumage, tracks at burrow entrances, and guano deposits on perches near burrow entrances. Locations (if any) of all ground squirrel burrows and

any soil cavities or other structures suitable for Burrowing Owl were recorded using GPS. Extensive open fields surround and adjacent to the project site were also found to be suitable for Burrowing Owl due the large numbers of ground squirrel burrows in the context of these open fields.

Methods for this burrowing owl study follow the survey protocol recommended by the Burrowing Owl Consortium (www2.ucsc.edu/scpbrg/owls.htm), with the additional condition that surveys are not undertaken within five days of any rain. These methods are published as follows (in relevant part):

"**Phase I: Habitat Assessment**

The first step in the survey process is to assess the presence of Burrowing Owl habitat on the project site including a 150-meter (approx. 500 ft.) buffer zone around the project boundary (Thomsen 1971, Martin 1973).

Burrowing Owl Habitat Description

Burrowing Owl habitat can be found in annual and perennial grasslands, deserts, and scrublands characterized by low-growing vegetation (Zarn 1974). Suitable owl habitat may also include trees and shrubs if the canopy covers less than 30 percent of the ground surface. Burrows are the essential component of Burrowing Owl habitat: both natural and artificial burrows provide protection, shelter, and nests for Burrowing Owls (Henny and Blus 1981). Burrowing Owls typically use burrows made by fossorial mammals, such as ground squirrels or badgers, but also may use man-made structures, such as cement culverts; cement, asphalt, or wood debris piles; or openings beneath cement or asphalt pavement.

Occupied Burrowing Owl Habitat

Burrowing Owls may use a site for breeding, wintering, foraging, and/or migration stopovers. Occupancy of suitable Burrowing Owl habitat can be verified at a site by an observation of at least one Burrowing Owl, or, alternatively, its molted feathers, cast pellets, prey remains, eggshell fragments, or excrement at or near a burrow entrance. Burrowing Owls exhibit high site fidelity, reusing burrows year after year (Rich 1984, Feeney 1992). A site should be assumed occupied if at least one Burrowing Owl has been observed occupying a burrow there within the last three years (Rich 1984).

The Phase II burrow survey is required if Burrowing Owl habitat occurs on the site. If Burrowing Owl habitat is not present on the project site and buffer zone, the Phase II burrow survey is not necessary. A written report of the habitat assessment should be prepared (Phase IV), stating the reason(s) why the area is not Burrowing Owl habitat.

Phase II: Burrow Survey

1. A survey for burrows and owls should be conducted by walking through suitable habitat over the entire project site and in areas within 150 meters (approx 500 ft.) of the

project impact zone. This 150-meter buffer zone is included to account for adjacent burrows and foraging habitat outside the project area and impacts from factors such as noise and vibration due to heavy equipment which could impact resources outside the project area.

2. Pedestrian survey transects should be spaced to allow 100 percent visual coverage of the ground surface. The distance between transect center lines should be no more than 30 meters (approx. 100 ft.), and should be reduced to account for differences in terrain, vegetation density, and ground surface visibility. To efficiently survey projects larger than 100 acres, it is recommended that two or more surveyors conduct concurrent survey. Surveyors should maintain a minimum distance of 50 meters (approx. 160 ft.) from any owls or occupied burrows. It is important to minimize disturbance near occupied burrows during all seasons.

3. If burrows or Burrowing Owls are recorded on the site, a map should be prepared of the burrow concentration areas. A breeding season survey and census (Phase III) of Burrowing Owls is the next step required.

Phase III: Burrowing Owl Survey, Census and Mapping

If the project site contains burrows that could be used by Burrowing Owls, then survey efforts should be directed towards determining owl presence on the site. Survey in the breeding season is required to describe if, when, and how the site is used by Burrowing Owls.

Survey Methodology

A complete Burrowing Owl survey consists of four site visits. During the site visit examines burrows for owl sign and map the locations of occupied burrows. Subsequent observations should be conducted from as many fixed points as necessary to provide visual coverage of the site using spotting scopes or binoculars. It is important to minimize disturbance near occupied burrows during all seasons. Site visits must be repeated on four separate days. Conduct these visits from two hours before sunset to one hour after or from one hour before to two hours after sunrise. Survey should be conducted during weather that is conducive to observing owls outside their burrows. Avoid survey during heavy rain, high winds (> 20 mph), or dense fog."

3.1.1 Phase I: Habitat Assessment

On October 8, 2020, the entire project site, including (to the extent accessible, lands surrounding the site to 500 feet) was systematically searched for any animal burrows or natural soil cavities that might support Burrowing Owl. The site visit determined that there are open ground conditions on the site and surrounding areas and numerous animal burrows or soil cavities potentially suitable for Burrowing Owl on the site.

3.1.2 Phase II: Burrow Survey

As abundant animal burrows or soil cavities suitable for Burrowing Owl occur on and adjacent to the project site, a burrow survey was undertaken and a subsequent Burrowing Owl survey was determined to be necessary. The distribution of burrows is presented (Figure 11, Table A3).

3.1.3 Phase III: Burrowing Owl Survey

Following identification of animal burrows or soil/rubble cavities suitable for Burrowing Owl, a focused survey (winter season Burrowing Owl) was undertaken on the site. These surveys were conducted by Kendall Osborne. These survey efforts were generally conducted within two hours of sunrise or sunset. Table 1 provides a schedule and site weather conditions, including relevant sunrise and sunset times, during surveys of the subject property. At least two hours of survey effort were applied on the site and adjacent lands on each of seven site visits, October 12, 22, 24, 29, November 2, 5, and 10, 2020. This large number of site visits, twice what might have been indicated for the project site, was undertaken due to the circumstantial presence of a similar, approximately 12.59-acre project site located adjacent to the Redlands Avenue East Industrial Project site on the eastern side of Redlands Avenue – also representing suitable Burrowing Owl habitat. This additional survey area – the Redlands Avenue East Industrial Project, also being undertaken by Lake Creek Industrial – has been surveyed for Burrowing owl concurrently with this project. Thus, the surveys of these two project sites reciprocally supported and augmented one another.

Table 1. Nesting Season Burrowing Owl Focused Survey Schedule and Site Weather Conditions (2015). All times given in Pacific Standard Time.

Date and are	Hours	Weather Conditions
*8 October	0820-1010	100% clouds, 63° *F*, calm: Sunrise 0653 hrs
**8 October	1010-1200	100% clouds, 65-70° *F*, calm
**12 October	1730-1850	clear, 90-83° *F*, winds 2-5 mph: Sunset 1821 hrs
**22 October	1630-1830	clear, 73-75° *F*, calm: Sunset 1809 hrs
*24 October	0728-1000	100% clouds, 61-63° *F*, calm: Sunrise 0706 hrs
*29 October	0700-0900	clear, 50-57° *F*, calm: Sunrise 0710 hrs
*2 November	0700-0900	clear, 56-76° *F*, calm: Sunrise 0714 hrs
*5 November	0702-0930	30% clouds, 48-74° *F*, calm: Sunrise 0716 hrs
**10 November	0730-0930	clear, 32-50° *F*, calm: Sunrise 0721 hrs

*Redlands Avenue West Industrial Project and surroundings
**Redlands Avenue East Industrial Project and surroundings

3.2 Miscellaneous

Throughout the course of the survey, general notes were taken on animal species (or their sign) observed on the site, along with photographs of the project site. In the conduct of the field work, additional consideration was given to presence or absence of riparian or riverine habitats, vernal pools, or any other potential jurisdictional waters or wetlands.

4.0 RESULTS

Figures 3 – 8 are photographs representative of landscapes and habitats found on the subject property. Figure 9 provides a key as to where on the site these photographs were taken.

This investigation determined that the subject property consists of flat fields supporting exotic annual grassland vegetation. Large numbers of animal burrows or soil cavities potentially suitable for Burrowing Owl were found on the site and surrounding areas. The site supports exotic grassland/forbland vegetation dominated by common weeds. Lists of plant and animal species encountered on the site are given in the appendix.

4.1 Burrowing Owl

Abundant ground squirrel burrows or other soil cavities suitable for Burrowing Owl were found on and adjacent to the project site (Figure 11). Burrowing Owl was not observed on the site during the course of this survey.

4.2 Miscellaneous

No Narrow Endemic Plant and no Criteria Area Species were encountered during the course of plant surveys on the site.

There are no drainages subject to State or Federal jurisdiction found on the site. The site has no potential to support rare, narrow endemic, or MSHCP criteria area plant species.

5.0 EXISTING ENVIRONMENT

5.1 Topography

The site is flat, with an elevation ranging approximately through 1445 to 1450 feet.

5.2 Soils

The predominant on-site soils are Ramona sandy loams and Exiter sandy loams (Knecht 1971). A soils map adapted from Knecht 1971 is presented in Figure 10 (Knecht 1971, this data additionally presented through http://casoilresource.lawr.ucdavis.edu/gmap/).

5.3 Plant Communities

The project site supports exotic annual vegetation dominated by exotic grasses.

5.3.1 Annual grassland

The entire project site (thus a map of vegetation types is not presented with this report) supports exotic annual grassland/forb vegetation dominated by *Bromus* and *Avena* species. A list of plant

species encountered on the site (excluding a few cultivated tree species) is presented in the appendix (Table A2).

6.0 CONCLUSIONS

A focused survey found Burrowing Owl absent from the site.

The site has no potential to support rare, narrow endemic, or MSHCP criteria area plant species, and no such species was encountered in the course of surveys.

There are no drainages subject to State and Federal jurisdiction found on the site. Vernal pool conditions are not found on the site.

The proposed development for commercial use can not be expected to have adverse effects on sensitive biological resources.

7.0 CONSISTENCY ANALYSIS

The project site is not located within any Multiple Species Habitat Conservation Plan (MSHCP) Criteria Cell and the MSHCP describes no conservation for lands for the subject property. Nevertheless, a more thorough accounting of various potential conservation related "issues" with respect to the subject parcel, pursuant to the (MSHCP) are provided in this section. This consistency analysis will specifically address compliance with MSHCP criteria conservation of Riparian/Riverine Areas and Vernal Pool resources (MSHCP, Section 6.1.2); protection of Narrow Endemic Plant Species (MSHCP, Section 6.1.3); compliance with Urban/Wildlands Interface Policies (MSHCP Section 6.1.4); and compliance with any additional relevant survey needs for sensitive biological resources (MSHCP Section 6.3.2). These considerations will be required to implement the terms and conditions of the MSHCP.

7.1 Consistency with overall MSHCP Conservation objectives

The subject parcel is not within any Criteria Cell of the MSHCP. The MSHCP identifies no conservation for the subject parcel.

7.2 Protection of Species Associated with Riparian/Riverine Areas and Vernal pools (MSHCP section 6.1.2)

No blueline drainages occur on the site, and no drainage or vegetation with riparian character occurs on the site. No vernal pool conditions were observed on the site and the porous soils on the site preclude any possibility of vernal pool. Due to the absence of drainages (ditches, channels, brooks, streams, rivers), vernal pools, lakes, ponds, springs, riparian vegetation, or riparian woodland, or any other wetlands of any kind, there is no trigger for compliance needs with respect to MSHCP, Section 6.1.2.

7.3 Protection of Narrow Endemic Plant Species (MSHCP section 6.13)

The entire list of plant species found on the site is presented in the appendix. No Narrow Endemic Plant Species was encountered on the project site in the course of this investigation. Ecological and environmental conditions on the project site are unsuitable for Narrow Endemic Plant Species (Table 1, section 4.2).

7.4 Urban/Wildlands Interface Guidelines (MSHCP section 6.1.4)

The site is set in the context of lands developed to commercial or agricultural use. Adjacent parcels to the north and east (across Indian Avenue) are in developed use, land to the east is developed landscaping and parking associated with commercial development, lands to the south (across Markham Street.) remain in agricultural use. Developed (graded) use of the site use will not produce unusual excess drainage for the area or have any significant potential to produce toxic effluent waste products. The site is not adjacent to or near any wildland habitats. Due to the lack of wildland conditions in proximity to the project site and the context of the project site within parcels of similar commercial or agricultural use, there is no trigger for compliance needs with respect to Urban/Wildlands interface, MSHCP, Section 6.1.4).

7.5 Additional Survey Needs (MSHCP section 6.3.2)

MSHCP section 6.3.2 provides that "in addition to the Narrow Endemic Plant Species listed in *Section 6.1.3*, additional surveys may be needed for certain species in conjunction with Plan implementation in order to achieve coverage for these species". Burrowing Owl is one of these species, and its status on the project site is addressed in sections 4 and 5 of this report. The project site are not within a Narrow Endemic Plant Species Survey Area or within a Criteria Area Plant Species Survey Area. No plant species with these classifications occur on the project site.

Table 2. Table of Special Animal Species showing appropriate habitats, soils and special conditions for each (adapted from Section 6 of the MSHCP), and giving actual Study Site Conditions and results of surveys. There were no particular species of special concern for this study.

Species	Habitat	Special Considerations	Site Conditions and status of Animal Species
arroyo toad - *Bufo californicus*	Intermittent streams and associated alluvial flood plains.	This species is dependent annual (intermittent) stream flow in riparian channels.	The site supports disturbed annual grassland on sandy loam soils No washes with sandy substrate and/or alluvial benches occur on the site. No wetland

			conditions are present on the site.
California red-legged frog - *Rana aurora draytonii*	Aquatic habitats including pools and backwaters within streams and creeks, ponds, marshes, springs, sag ponds, dune ponds, canals, stock ponds, and lagoons; ideally with dense riparian vegetation (such as willows and cattails).	This species is dependent on presence of wetland habitat	Though the site is within the historic range of this species, site conditions are unsuitable. No wetland conditions are present on the site.
mountain yellow-legged frog - *Rana mucosa*	Cold, shaded, rocky mountain streams with abundant marginal aquatic vegetation	This species is dependent on presence of cold, mountain wetland habitat	The site is outside the known (mountain) range of this species. No wetland conditions are present on the site.
burrowing owl - *Athene cunicularia hypugaea*	Forages on lands with open aspect such as stock yards, dairy lands, thinly vegetated rangelands, and agricultural settings	Requires suitable animal burrows (such as ground squirrel) or other soil cavities for nesting.	Open (disturbed grassland) conditions are present on and around the site, and soil cavities or animal burrows suitable for burrowing owl were found on and adjacent to the site. Focused surveys found negative for Burrowing Owl on the site.
Aguanga kangaroo rat - *Dipodomys merriami collinus*	Alluvial sage scrub, coastal sage scrub, grassland vegetation with sandy or loamy soils.	In Riverside County, restricted to Temecula Cr. And Wilson Cr. drainages	The project site is outside the known range of this species. Alluvial sage scrub, coastal sage scrub, undisturbed grassland vegetation is absent from the site.
San Bernardino	Alluvial sage	Known from the San	The project site is

kangaroo rat - *Dipodomys merriami parvus*	scrub vegetation with sandy or loamy alluvial soils.	Jacinto River and associated drainages	proximal to the known range of this species. Alluvial sage scrub habitat is absent from the site.
Los Angeles pocket mouse - *Perognathus longimembris brevinasus*	Largely undisturbed scrub or grassland vegetation in context of fine sandy soils	Within Riverside County, know only within Temecula Cr. Wilson Cr. drainages and flood plains	The project site is outside the known range of this species. Scrub habitat or undisturbed upland grassland is absent from the site.

8.0 REFERENCES

Haug E. A., B. A. Millsap, and M. S. Martell. 1993. Burrowing Owl (*Spcotyto cunicularia*), In The Birds of North America, No. 61 (A Poole and F. Gill Eds.). Philadelphia: The Academy of Natural Sciences, Washington, D. C.: The American Ornithologists' Union.

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Knecht, A.A. 1971. Soil survey of western Riverside area, California. U.S. Department of Agriculture, Soil Conservation Service.

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9.0 FIGURES

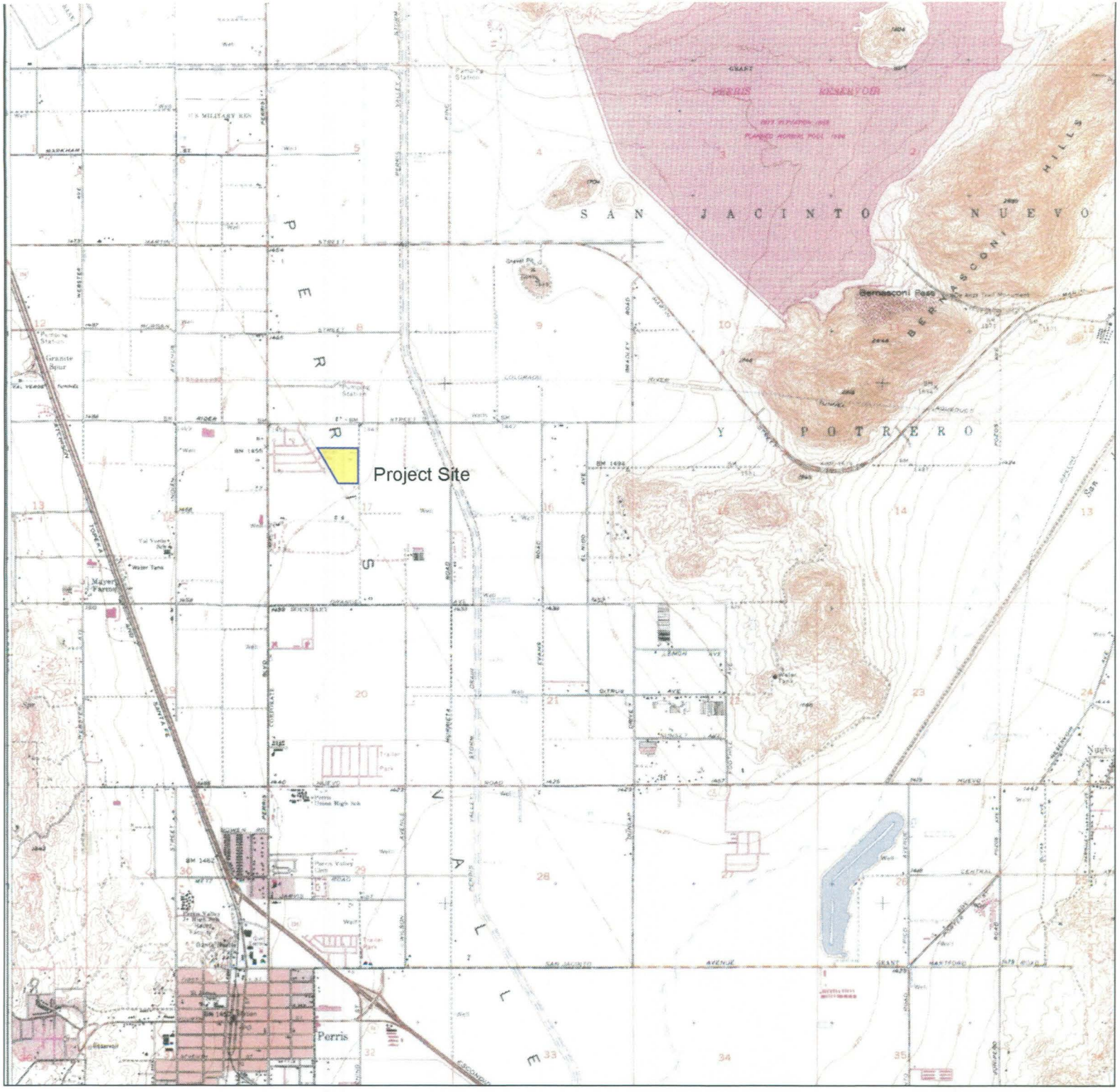

Figure 1. General vicinity of project site, Perris, California USGS 7.5" quadrangle at 50%. 20.26-acre project site is outlined in blue and highlighted in yellow.

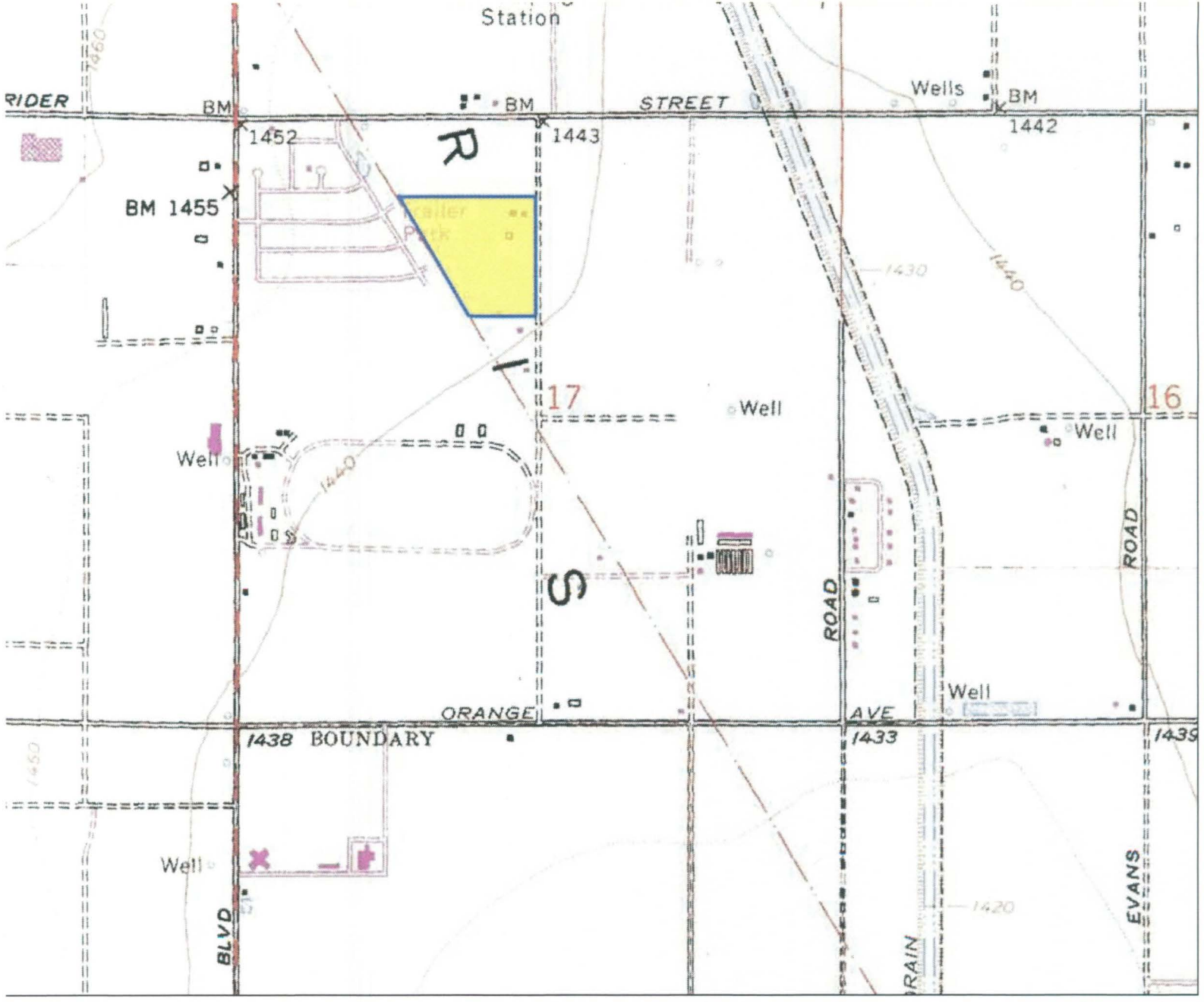

Figure 2. General vicinity of project site, Perris, California USGS 7.5" quadrangle at 200%. 20.26-acre project site is outlined in blue and highlighted in yellow.

Figure 3. Photograph of the northeastern portion of the project site where various exotic trees amidst the grasslands, previously cut out, have crown-sprouted. View is looking south southwest from a northeastern portion of the project site. This portion of the site was not mowed.

Figure 4. Photograph of the view across the north central portion of the project site, looking south from a northern portion of the project site.

Figure 5. Photograph of view along the western boundary of the project site as seen looking south southeast. Open lands suitable for Burrowing Owl (also surveyed for this study) extend into the distance beyond the project site.

Figure 6. Photograph of open land on the southern portion of the project site looking northwest. Note the recently mowed condition of the site greatly improved viewing conditions for this survey.

Figure 7. Photograph of a large pile of soil with ground squirrel burrows. This is pile is located on the eastern portion of the project site. Elevated burrows on slopes, road cuts, and piles of soil offer potential Burrowing Owl an excellent vantage over the surrounding landscape.

Figure 8. Photograph of ground squirrel burrows amidst concrete rubble on a small dirt pile on the northwestern portion of the project site.

Figure 9. Approximate locations around project site from which photographs were taken (base of arrows). Arrow indicates the direction a photograph was taken. Numbers next to the arrows indicate figure numbers (Figures 3-8).

Figure 10. Soils map showing the project site (blue outline) and surrounding vicinity. Soil types, mapped by the U.S. Department of Agriculture, are indicated by letter abbreviations within mapped polygons of soil type. Soil on study site: RaA = Ramona sandy loams; EpA = Exiter sandy loams. Soils are shown over aerial photographs (adapted from Knecht 1971).

Figure 11. Distribution of burrows and other cavities (red dots) on and around the project site (blue line boundary). Survey included lands southeast, and south, of the site within 500 feet of site (and farther for lands west and northwest of the project site). Excluded from survey were residential lots west and northeast of the site.

10.0 APPENDIX

Vertebrate species encountered

Plant species encountered

Location of burrows and soil cavities

County forms:
Attachment E-3
Attachment E-4
Attachment D

Field notes

Table A1. Vertebrate species (or sign) encountered on the project site and surroundings.

Reptiles	
Side-blotched lizard	*Uta stansburiana*
Birds	
American crow	*Corvus brachyrhynchos*
American kestrel	*Falco sparverius*
American pipit	*Anthus rubescens*
Anna's hummingbird	*Calypte anna*
Barn owl	*Tyto alba*
Black phoebe	*Sayornis nigricans*
Bushtit	*Psaltriparus minimus*
California gull	*Larus californicus*
Cassin's kingbird	*Tyrannus vociferans*
Common raven	*Corvus corvax*
European starling	*Sturnus vulgaris*
Eurasian Collared-dove	*Streptopelis decaocto*
House finch	*Carpodacus mexicanus*
House sparrow	*Passer domesticus*
Horned lark	*Eremophila alpestris*
Killdeer	*Charadrius vociferus*
Lesser goldfinch	*Carduelis psaltria*
Mourning dove	*Zenaida macroura*
Northern mockingbird	*Mimus polyglottos*
Purple finch	*Carpodacus purpureus*
Red-tailed hawk	*Buteo jamaicensis*
Rock dove	*Columbia livia*

Savannah sparrow	*Passerculus sandwichensis*
Say's phoebe	*Sayornis saya*
Song sparrow	*Melospiza melodia*
Western meadowlark	*Sturnella neglecta*
White-crowned sparrow	*Zonotrichia atricapilla*
Yellow-rumped warbler	*Dendroica coronata*

Mammals

Botta's pocket gopher	*Thomomys bottae*
California ground squirrel	*Spermophilus beecheyi*
Coyote	*Canis latrans*
Desert cottontail	*Sylvilagus audubonii*
domestic dog	*Canis familiaris*
domestic cat	*Felis felis*

Table A2. Plant species encountered on the project site.

FAMILY	Species
AMERANTHACEAE	
white tumbleweed	*Amaranthus albus*
ANACARDIACEAE	
Peruvian Peppertree	*Schinus molle*
ARECACEAE	
fan palm	*Washingtonia*
ASTERACEAE	
annual bur-weed	*Ambrosia acanthicarpa*
horseweed	*Conyza canadensis*
California everlasting	*Gnaphalium californicum*
sunflower	*Helianthus annua*
telegraphweed	*Heterotheca grandiflora*
prickly lettuce	*Lactuca serriola*
stink-net	*Oncosiphon piluliferum*
short wreath plant	*Stephanomeria exigua*
BORAGINACEAE	
ranchers fiddleneck	*Amsinkia menziesii*
heliotrope	*Heliotropium crassavicum*
BRASSICACEAE	
shortpod mustard	*Hirschfeldia incana*
CACTACEAE	
tuna cactus	*Opuntia ficus-indica*
CHENOPODIACEAE	

Russian thistle	*Salsola tragus*
EUPHORBIACEAE	
dove weed	*Croton setigerus*
GERANIACEAE	
red-stem filaree	*Erodium cicutarium*
MYRTACEAE	
Eucalyptus	*Eucalyptus*
OLEACEAE	
Olive	*Olea europa*
SIMAROUBACEAE	
tree of heaven	*Ailanthus altissima*
SOLANACEAE	
Jimson weed	*Datura wrightii*
tree tobacco	*Nicotiana glauca*
POACEAE	
slender oat	*Avena barbata*
foxtail chess/red brome	*Bromus madritensis*
Schismus	*Schismus barbatus*

Table A3. Location of Ground Squirrel burrows or soil cavities found on the project site and surrounding areas. Latitude and Longitude for selected burrows is indicated decimal degrees. These location estimates are approximate, usually within 9 foot error in each dimension.

Description	Latitude N	Longitude W
burrow	33.82390°	-117.21770°
burrow	33.82397°	-117.21663°
burrow	33.82403°	-117.21820°
burrow	33.82406°	-117.21822°
burrow	33.82480°	-117.21899°
burrow	33.82491°	-117.21884°
burrow	33.82491°	-117.21883°
burrow	33.82494°	-117.21875°
burrow	33.82495°	-117.21880°
burrow	33.82499°	-117.21464°
burrow	33.82513°	-117.21800°
wood refuse pile	33.82533°	-117.21651°
wood refuse pile	33.82535°	-117.21643°
wood refuse pile	33.82535°	-117.21642°
wood refuse pile	33.82537°	-117.21645°
burrow	33.82538°	-117.21878°
wood refuse pile	33.82539°	-117.21651°
burrow	33.82540°	-117.21776°
burrow in refuse pile	33.82540°	-117.21751°

burrow in fence line	33.82540°	-117.21640°
burrow in fence line	33.82541°	-117.21594°
burrow in fence line	33.82541°	-117.21579°
burrow in fence line	33.82541°	-117.21577°
burrow in fence line	33.82541°	-117.21551°
burrow in fence line	33.82541°	-117.21527°
burrow in fence line	33.82541°	-117.21525°
burrow in fence line	33.82541°	-117.21523°
burrow in fence line	33.82541°	-117.21630°
burrow in fence line	33.82542°	-117.21564°
burrow in refuse pile	33.82544°	-117.21750°
burrow	33.82545°	-117.21898°
burrow	33.82545°	-117.21519°
burrow	33.82548°	-117.21803°
burrow in refuse pile	33.82548°	-117.21749°
burrow at log	33.82552°	-117.21841°
burrow	33.82553°	-117.21848°
burrow at log	33.82553°	-117.21841°
burrow at log	33.82554°	-117.21841°
burrow	33.82588°	-117.21962°
burrow	33.82589°	-117.21893°
burrow	33.82589°	-117.21871°
burrow fence line corner	33.82589°	-117.21747°
burrow	33.82590°	-117.21884°
burrow	33.82591°	-117.21847°
burrow	33.82592°	-117.21893°
burrow	33.82593°	-117.21931°
burrow	33.82593°	-117.21970°
burrow	33.82594°	-117.21903°
burrow	33.82594°	-117.21805°
burrow	33.82595°	-117.21919°
burrow	33.82595°	-117.21790°
burrow	33.82597°	-117.21802°
burrow in fence line	33.82599°	-117.21642°
burrow in fence line	33.82599°	-117.21623°
burrow in fence line	33.82599°	-117.21616°
burrow in fence line	33.82599°	-117.21598°
burrow in fence line	33.82599°	-117.21595°
burrow in fence line	33.82599°	-117.21585°
burrow in fence line	33.82599°	-117.21568°
burrow in fence line	33.82599°	-117.21558°
burrow in fence line	33.82599°	-117.21521°
burrow in fence line	33.82599°	-117.21519°
burrow large dirt pile	33.82602°	-117.21579°
burrow	33.82603°	-117.21629°
burrow large dirt pile	33.82603°	-117.21578°
burrow large dirt pile	33.82604°	-117.21583°

burrow	33.82604°	-117.21519°
burrow large dirt pile	33.82605°	-117.21576°
burrow large dirt pile	33.82605°	-117.21575°
burrow large dirt pile	33.82606°	-117.21576°
burrow large dirt pile	33.82606°	-117.21574°
burrow large dirt pile	33.82606°	-117.21573°
burrow large dirt pile	33.82607°	-117.21585°
burrow large dirt pile	33.82607°	-117.21584°
burrow	33.82607°	-117.21581°
burrow large dirt pile	33.82607°	-117.21579°
burrow large dirt pile	33.82607°	-117.21575°
burrow large dirt pile	33.82607°	-117.21574°
burrow large dirt pile	33.82608°	-117.21583°
burrow large dirt pile	33.82608°	-117.21579°
burrow large dirt pile	33.82608°	-117.21578°
burrow	33.8261°	-117.21611°
burrow large dirt pile	33.82610°	-117.21583°
burrow	33.82612°	-117.21519°
burrow	33.82613°	-117.21518°
burrow	33.82615°	-117.21519°
burrow	33.82622°	-117.21836°
burrow	33.82623°	-117.21778°
burrow	33.82625°	-117.21777°
burrow large dirt pile	33.82626°	-117.21585°
burrow large dirt pile	33.82626°	-117.21582°
burrow large dirt pile	33.82626°	-117.21579°
burrow	33.82627°	-117.21833°
burrow large dirt pile	33.82627°	-117.21584°
burrow large dirt pile	33.82628°	-117.21579°
burrow	33.82628°	-117.21519°
burrow large dirt pile	33.82628°	-117.21580°
burrow large dirt pile	33.82629°	-117.21585°
burrow	33.82629°	-117.21880°
burrow large dirt pile	33.82630°	-117.21579°
burrow large dirt pile	33.82631°	-117.21584°
burrow large dirt pile	33.82631°	-117.21584°
burrow large dirt pile	33.82632°	-117.21583°
burrow large dirt pile	33.82632°	-117.21583°
burrow large dirt pile	33.82632°	-117.21582°
burrow	33.82635°	-117.21800°
burrow	33.82640°	-117.21893°
burrow	33.82641°	-117.21902°
burrow large dirt pile	33.82644°	-117.21575°
burrow	33.82645°	-117.21940°
burrow large dirt pile	33.82646°	-117.21581°
burrow large dirt pile	33.82646°	-117.21577°
burrow large dirt pile	33.82647°	-117.21581°

burrow large dirt pile	33.82647°	-117.21577°
burrow large dirt pile	33.82647°	-117.21569°
burrow large dirt pile	33.82648°	-117.21578°
burrow large dirt pile	33.82650°	-117.21581°
burrow in wood pile	33.82651°	-117.21656°
burrow	33.82655°	-117.21604°
burrow	33.82656°	-117.21949°
burrow	33.82656°	-117.21519°
burrow	33.82657°	-117.21605°
several burrows in rubble pile	33.82661°	-117.21761°
burrow	33.82661°	-117.21761°
burrows in large dirt pile	33.82666°	-117.21514°
burrow	33.82671°	-117.21748°
burrow	33.82683°	-117.21751°
burrow	33.82689°	-117.21761°
burrow	33.82690°	-117.21752°
burrow	33.82701°	-117.21519°
burrow	33.82708°	-117.21946°
burrow	33.82708°	-117.21582°
burrow	33.82710°	-117.21946°
burrow	33.82713°	-117.21751°
burrow	33.82713°	-117.21519°
burrow	33.82714°	-117.21622°
burrow	33.82714°	-117.21603°
burrow	33.82721°	-117.21622°
burrow	33.82724°	-117.21814°
burrow	33.82728°	-117.21751°
burrow under boards	33.82730°	-117.21642°
burrow under boards	33.82732°	-117.21641°
burrow @ concreat object	33.82734°	-117.21828°
burrows in rubble pile	33.82735°	-117.21752°
burrow	33.82772°	-117.21619°
burrow	33.82772°	-117.21617°
burrow	33.82772°	-117.21613°
burrow	33.82773°	-117.21799°
burrow	33.82774°	-117.2179°
burrow	33.82775°	-117.21795°
burrow	33.82795°	-117.21784°
standpipe	33.82800°	-117.22073°
standpipe	33.82800°	-117.22063°
standpipe	33.82800°	-117.22058°
standpipe	33.82800°	-117.22035°
burrow	33.82800°	-117.21986°
burrow	33.82800°	-117.21977°
burrow	33.82800°	-117.21967°
burrow	33.82800°	-117.21962°
burrow	33.82800°	-117.21907°

burrow	33.82800°	-117.21910°
burrow	33.82800°	-117.21950°
burrows rubble-wood pile	33.82805°	-117.22008°

BIOLOGICAL REPORT SUMMARY SHEET

(Submit two copies to the County)

Applicant Name: Lake Creek Industrial, LLC
Assessor's Parcel Number (APN): 300-250-009, -010, -011, -012, -013, -014, -015
APN cont. : -016
Site Location: Section: 17 Township: 4 S Range: 3 W
Site Address: West side of Redlands Ave. between Rider St. & Placentia Ave. Perris
Related Case Number(s): PDB Number:

CHECK SPECIES SURVEYED FOR	SPECIES or ENVIRONMENTAL ISSUE OF CONCERN	(Circle Yes, No or N/A regarding species findings on the referenced site)		
	Arroyo Southwestern Toad	Yes	No	N/A
✓	Blueline Stream(s)	Yes	(No)	N/A
	Coachella Valley Fringed-Toed Lizard	Yes	No	N/A
	Coastal California Gnatcatcher	Yes	No	N/A
	Coastal Sage Scrub	Yes	No	N/A
	Delhi Sands Flower-Loving Fly	Yes	No	N/A
	Desert Pupfish	Yes	No	N/A
	Desert Slender Salamander	Yes	No	N/A
	Desert Tortoise	Yes	No	N/A
	Flat-Tailed Horned Lizard	Yes	No	N/A
	Least Bell's Vireo	Yes	No	N/A
	Oak Woodlands	Yes	No	N/A
	Quino Checkerspot Butterfly	Yes	No	N/A
	Riverside Fairy Shrimp	Yes	No	N/A
	Santa Ana River Woolystar	Yes	No	N/A
	San Bernardino Kangaroo Rat	Yes	No	N/A
	Slender Horned Spineflower	Yes	No	N/A
	Stephen's Kangaroo Rat	Yes	No	N/A
✓	Vernal Pools	Yes	(No)	N/A
✓	Wetlands	Yes	(No)	N/A

CHECK SPECIES SURVEYED FOR	SPECIES or ENVIRONMENTAL ISSUE OF CONCERN	(Circle Yes, No or N/A regarding species findings on the referenced site)		
	Other	Yes	No	N/A
—	Other Burrowing Owl	Yes	(No)	N/A
	Other	Yes	No	N/A
	Other	Yes	No	N/A
	Other	Yes	No	N/A
	Other	Yes	No	N/A
	Other	Yes	No	N/A
	Other	Yes	No	N/A
	Other	Yes	No	N/A
	Other	Yes	No	N/A
	Other	Yes	No	N/A

Species of concern shall be any unique, rare, endangered, or threatened species. It shall include species used to delineate wetlands and riparian corridors. It shall also include any hosts, perching, or food plants used by any animals listed as rare, endangered, threatened or candidate species by either State, or Federal regulations, or for Riverside County as listed by the California Department of Fish and Game Natural Diversity Data Base (NDDB).

I declare under penalty of perjury that the information provided on this summary sheet is in accordance with the information provided in the biological report.

Osborne Biological Consulting 11/28/2020

Signature and Company Name — Report Date

10(a) Permit Number (if applicable) — Permit Expiration Date

County Use Only

Received by: Date:

PD-B#

LEVEL OF SIGNIFICANCE CHECKLIST
For Biological Resources
(Submit Two Copies)

APN: 300-250-009, -010, -011, -012, -013, -014, -015, -016

Case Number: _____ **Lot/Parcel No.** _____ **EA Number** _____

Wildlife & Vegetation

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact

(Check the level of impact the applies to the following questions)

a) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Conservation Community Plan, or other approved local, regional, or state conservation plan?

b) Have a substantial adverse effect, either directly or through habitat modifications, on any endangered, or threatened species, as listed in Title 14 of the California Code of Regulations (Sections 670.2 or 670.5) or in Title 50, Code of Federal Regulations (Sections 17.11 or 17.12)?

c) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U. S. Wildlife Service?

d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident migratory wildlife corridors, or impede the use of native wildlife nursery sites?

e) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U. S. Fish and Wildlife Service?

f) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

g) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

Source: CGP Fig. VI.36-VI.40

Findings of Fact: Burrowing Owl curently absent from site.

Proposed Mitigation: None

Monitoring Recommended: Monitor for Burrowing Owl within 30 days of grading.

Sunrise @ 0653 PST

Date 10/8/20 Time 820 to 1010 Job Redlands W.
Miles 2794- Location
Biologists KMO
Survey for: BUOW
Habitat Assessment for: BUOW

Weather: Temp 63 Wind 0 Cloud cover 100 fog Rain drizzle

Biological elements:

Vegetative communities:
~~Burrow~~ Annual Grass: Forb
Squirrel Burrows
33.82795/-117.21784
774 790 tree
775 795 "
773 799

Soil type ~~Ramona sandy loam~~ Exeter sandy loam

Plant species:

Vertebrates
AMCR NOMO SAPH AMKE MODO KIKI
EUCA EUST HOFI LEGO CAKI

Gopher Utah Ground Squirrel Domestic Cat

Arthropods

Oak Woodlands___ Riparian Veg___ type___
Vernal Pools___

Comments:
750 - (820
Burrows: 33.82734 -117.21828 cement object.
724 814
735 752 complex in pile of rubble
728 751
713 751
690 752
689 751
683 761
661 761 pile w/ several burrows

Redlands West
October 8, 2020

710		946	
708		946	
33.82589	-117.21747		near S.F. corner
671		748	
800		907	
800		910	
"		950	
"		962	
		967	
		977	
		986	
805	.22008		rubble/wood pile
800		2035	standing water
"		058	"
800		63	"
800		73	"
82588		21962	SW area
93		970	
93		31	
95		19	
94		903	
92		893	
89		893	
90		84	
89		71	
91		47	
94		805	
97		802	
95		796	
625		21777	central
623		778	
635		800	
627		833	
622		836	
629		880	
640		893	
641		902	
645		940	
656		949	

October 8, 2020

Redlands W

33.82480	117.21899	
91	84	
91	83	
95	80	
94	75	
513	800	
540	751	refuse
44	50	"
48	49	"
540	776	
38	78	
45	98	
48	803	
553	841	
52	41	log
~~54~~ 54	41	
53	48	
403	820	
406	822	
390	770	

Date 10/8/20 Time 1010 to 1200 Job Redlands 15
Miles 2818 Location _____
Biologists KHU
Survey for: _____
Habitat Assessment for: BAOW

Weather: Temp 65-70 Wind 0 Cloud cover clr Rain 0

Biological elements:

Vegetative communities:

Soil type Ramona Sandy loam (Domino silt loam mostly to E. of site)

Plant species:

Vertebrates
Great Egret Great Blue Heron AMCR
MOMO

Arthropods

Oak Woodlands____ Riparian Veg_____ type_____
Vernal Pools_____

Comments:

October 8, 2020

33.82599	117.21568	
599	58	fence
99	21	
"	19	
604	519	
612	"	
613	518	
615	519	
628	"	
656	"	
666	514	large dirt pile rebuilt w/
657	605	
701	519	
713	"	
708	582	
714	603	
"	622	
730	642	under boards
732	641	
721	622	
772	619	
	617	
	613	
533	651	
35	643	wood refuse pile
35	642	
37	45	
39	51	
40	40	
41	30	
41	594	
"	79	
"	77	fenceline
42	64	
41	51	
"	27	
"	25	
"	23	
45	17	
499	663	
33.82397	117.21464	Field SE of Redlands E

October 8, 2020

[illegible] 15

33.82651 /	117.21656	wood pile
655	604	fence
650	581	dirt pile #1
47	81	
46	81	
44	80	
44	75	
47	77	
46	77	
48	78	
47	69	brush pile
32	82	dirt pile #2 (middle)
32	83	
32	83	
31	84	
.	..	
29	85	
27	84	
26	85	
26	82	
26	79	
28	80	
29	82	
30	80	
28	79	
30	77	
607	584	dirt pile #3 (south)
10	83	
07	85	
08	83	
07	81	
07	79	
08	78	
08	79	
07	75	
06	76	
05	76	
05	75	
06	74	
06	73	
07	74	
02	79	
03	78	
04	83	
599	85	Fence
..	95	
..	98	
..	616	
	23	
	42	
603	629	

Date 10/12/20 Time 530 pm to 650 Job Redlands W.
Miles 6489 Location
Biologists KHO
Survey for: Burrowing Owl Sunrise @ Sunset @ 6:21 pm PST
Habitat Assessment for:
Sunset @ ca ~6 pm.

Weather: Temp 90-83 Wind 2-5 Cloud cover 0 Rain 0

Vertebrates
MOBO AMCR ANHU REHA HOLA
BAOW

Burrow coordinates:

Date 10/22/20 Time 4 30 to 6 30 pm Job Redlands W
Miles 7696 Location
Biologists KHO
Survey for: Burrowing Owl Sunset @ 609 pm PST
Habitat Assessment for:

Weather: Temp 73 - 65 Wind 0 - 5 Cloud cover Ø Rain 0

Biological elements:

Vegetative communities:

Soil type

Plant species:

Vertebrates
EUST RBHA MELA HOFI SAPH EUCD AMCR
MODO AMKE CAKI

Arthropods

Oak Woodlands____ Riparian Veg______ type
Vernal Pools________

Comments:

Date 10/24/20 Time 728 to 1000 AM Job Redlands E
Miles 7747 Location _____
Biologists KOO
Survey for: BUOW Sunrise @ 0706 PST
Habitat Assessment for: _____

Weather: Temp 61 - 63 Wind 0 Cloud cover 100 Rain 0

Biological elements:

Vegetative communities:

Soil type _____

Plant species:

Vertebrates
MODO Coyote, Cottontail REHA AMKE AMCR
EAPH YEWA BLPH Coyote Ground Squirrel
EUST NOMO
MBLA EUST
Black tail Jack Rabbit

Arthropods

Oak Woodlands____ Riparian Veg_____ type_____
Vernal Pools_____

Comments:

Date 10/29/20 Time 700 to 900 AM Job Redlands E
Miles 7995 Location
Biologists KHO
Survey for: BUOW Sunrise @ 0710 PST
Habitat Assessment for:

Weather: Temp 50-57 Wind 0 Cloud cover 0 Rain 0

Vertebrates

SAPA AMCR MOAL REHA AMRE EUDO
EUST HOSP NOMO MELA ANAU HOFI BLPH
Domestic Dogs Domestic cat LEGO

~~Burrow~~ coordinates:

Land S. of Redlands W now disked : improves viewing

Land SE of Redlands E now disked

Date 11/2/20 Time 7ᵃᵐ to 9ᵃᵐ PST Job Redlands IE
Miles 8257 Location
Biologists KHO
Survey for: BUOW Sunrise @ 0714 PST
Habitat Assessment for:

Weather: Temp 56 - 76 Wind C Cloud cover C Rain C

Vertebrates
HOPI AMCR SAPH MODO WCSP
EUST EUDO YEWA PUFI LECO AMKE
RAVE REHA w/ Eggshell Bags Grnd Squirrel RODO
CARI

Burrow coordinates:

(702 - 930 PST)

Date 11/5/20 Time 6:02 AM to 8:30 Job Rollands E
Miles 8322 Location
Biologists KAO
Survey for: BUOW Sunrise @ 0716 PST
Habitat Assessment for:

Weather: Temp 48-74 Wind 0 Cloud cover 30 Rain 0

Biological elements:

Vegetative communities:

Soil type

Plant species:

Vertebrates
RUBU AMCA REHA MOBO CAPA WCSP AMKE EUST ECAO MELA HOFI CAGU YEWA CORA SASP

Arthropods

Oak Woodlands____ Riparian Veg_____ type_____
Vernal Pools_____

Comments:
Sunrise @ ~627 AST

(730 - 930 PST)

Date 11/10/20 Time 6 30 AM to 8 30 AM Job Redlands W
Miles 8437-42 Location _____
Biologists KHO
Survey for: BUOW Sunrise @ 0721 PST
Habitat Assessment for: _____

Weather: Temp 32-50 Wind 0 Cloud cover 0 Rain 0
Frost

Biological elements:

Vegetative communities:

Soil type _____

Plant species:

Vertebrates
MODO WHSP AMCR YEWA MELA SAPH NOFI
EUDO BLPH NOMO CAKI SAVSP. LEGO COHA
EUST ANHU CORA SASP AMRO

Arthropods

Oak Woodlands____ Riparian Veg_____ type_____
Vernal Pools_____

Comments:
Frost on ground. Rain ca 3 days ago.