



July 19, 2024

Ms. Stephanie Whitmore
WSP USA Environment & Infrastructure Inc.
401 B Street, Suite 1650
San Diego, CA 92101

RE: *Results of the Western Riverside County Multiple Species Habitat Conservation Plan Protocol-Level Focused Burrowing Owl Surveys for the Sunnymead Master Drainage Plan – Storm Drain Lines F and F-7 (City Project Number #804 0008) Project in Moreno Valley, California*

Dear Ms. Whitmore:

The purpose of this letter report is to document the findings of the protocol-level focused burrowing owl (*Athene cunicularia*; BUOW) surveys that ECORP Consulting, Inc. (ECORP) conducted for the Sunnymead Master Drainage Plan – Storm Drain Lines F and F-7 (City Project Number #804 0008; Project), located in the City of Moreno Valley, Riverside County.

ECORP conducted four protocol-level focused BUOW surveys on May 9, May 13, May 21, and June 4, 2024, in accordance with the *Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area* (WR-MSHCP; Riverside County Land Management Agency [RCTLMA] 2006).

The Burrowing Owl Study Area includes the Project Site and a 500-foot surrounding buffer. The surveyors did not observe BUOW or signs thereof within the Study Area during the surveys. Based on the lack of any direct or indirect evidence of BUOW presence, these results indicate that the Study Area was not occupied by BUOW at the time of the surveys.

PROJECT LOCATION

The Project Site consists of an approximately 19.42-acre area composed of Assessor's Parcel Numbers 292-022-002, 292-022-011, 292-032-011, 292-061-010, 292-241-003, 292-241-006, 292-241-015, 292-250-005, 292-250-012, 292-250-013, and 292-250-020. The Project Site is located in the City of Moreno Valley in Riverside County and east of Interstate 215 (Figures 1 and 2).

The Project Site is located south of Ironwood Avenue, north of Eucalyptus Avenue, west of Heacock Street, and east of Frederick Street. The Project Site is located within Section 1 of Township 3 South, Range 4 West and is depicted on the U.S. Geological Survey (USGS) Riverside East 7.5-minute topographic map quadrangle. Elevation at the Project Site ranges from 1,615 feet to 1,655 feet (approximately 501 to 504 meters) above mean sea level (Google Earth 2024).

BURROWING OWL NATURAL HISTORY

BUOW is a U.S. Fish and Wildlife Service Bird of Conservation Concern, a California Department of Fish and Wildlife (CDFW) Species of Special Concern, and a WR-MSHCP-Covered Species. The BUOW is a

small, migratory owl that is found in various habitats throughout North America. Habitat requirements for BUOW include arid, open areas with sparse vegetation cover such as deserts, abandoned agricultural areas, grasslands, and disturbed open habitats. BUOWs can excavate their own burrows for shelter and breeding purposes; however, they often occupy abandoned mammal burrows such as those constructed by California ground squirrels (*Otospermophilus beecheyi*). BUOWs have also been known to nest within natural rock cavities, debris piles, culverts, and pipes (Rosenberg et al. 1998).

PROJECT HISTORY

Literature Review

Prior to conducting the protocol-level BUOW surveys, ECORP conducted a review of CDFW's California Natural Diversity Database (CNDDDB; CDFW 2024) and the California Native Plant Society (CNPS) Electronic Inventory (CNPS 2024). The purpose of the literature review was to determine whether special-status plant and wildlife species had been previously reported within the Project Site boundaries as depicted on USGS 7.5-minute Riverside East topographic quadrangle, or in the surrounding eight topographic quadrangles, which include Fontana, San Bernardino South, Redlands, Sunnymead, Perris, Steele Peak, Lake Mathews, and Riverside West.

The CNDDDB contains four recent records (20 or fewer years old) of BUOW within five miles (eight kilometers) of the Project Site. None of these records are located within the Project Site.

The most recent CNDDDB occurrence (Occ #1283) was documented in 2009 approximately 3.7 miles from the Project Site. The CNDDDB notes that a pair of BUOW adults was observed with a chick. A presumed breeding pair had previously been observed near this location in January of 2009 (Occ #1284). BUOW individuals were seen in this area throughout the spring of 2009.

In 2006, CNDDDB occurrence #1070 documented 15 BUOW adults and 23 juveniles southeast of Nandina Avenue and Day Street in Moreno Valley during the breeding season. The occurrence was mapped approximately 4.6 miles from the Project Site.

In 2007, one CNDDDB occurrence (Occ #439) approximately 1.6 miles from the Project Site documented six BUOW adults and two juveniles towards the end of the breeding season.

Western Riverside County – Multiple Species Habitat Conservation Plan

The Project Site is located within the planning area for the WR-MSHCP but outside of any Cell Groups, Criteria Cells, or Subunit designations. The Project Site is not located within a WR-MSHCP-designated BUOW survey area; however, the land immediately adjacent to the Project Site, which is located to the south of State Route (SR) 60 and to the north of Sunnymead Boulevard, is within the Burrowing Owl Survey Area as designated by the WR-MSHCP and subject to the BUOW survey requirements (WR-MSHCP Section 6.3.2) (RCTLMA 2006). Therefore, this land was assessed for potential BUOW habitat. The WR-MSHCP provides the County of Riverside with information on plant and wildlife species of concern and outlines goals for their conservation (RCTLMA 2014). In addition to BUOW surveys, the WR-

MSHCP requires pre-construction surveys to be conducted within 30 days prior to site disturbance (RCTLMA 2024).

METHODS

Burrowing Owl Survey Methods

The BUOW habitat assessment followed the guidelines identified in Part A of the *Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area* (RCTLMA 2006). During the habitat assessment, the biologists determined that marginal habitat was present, which consisted of open spaces of sparsely vegetated nonnative forbs and grasses on level to gently rolling terrain with a small number of active California ground squirrel burrows. Therefore, additional surveys are required to determine the presence of BUOW in the Study Area. These surveys will need to follow the WR-MSHCP *Burrowing Owl Survey Instructions Step 2 Part A and B* (RCTLMA 2006).

ECORP biologists Eliza McLean and Carly Tailor conducted the BUOW habitat assessment, focused burrow survey, and focused BUOW Survey #1 simultaneously within the BUOW Study Area (Figure 3) on May 9, 2024.

The qualified biologists conducted the protocol-level BUOW surveys on four separate days in May and June 2024. The qualified biologists walked pedestrian transects spaced 20 to 30 meters apart across the entire Study Area (Figure 3) where access was permissible. The qualified biologists conducted the surveys during the BUOW breeding season (February 1 through August 31) and in accordance with the *Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area* (RCTLMA 2006). In locations where the Study Area was inaccessible due to unknown property ownership, the biologists visually surveyed the area with binoculars. Prior to the start of each transect, the biologists visually surveyed the transect and surrounding area. The biologists visually inspected any burrows, rocky areas, or man-made materials within the Study Area for potential BUOW occupation. The biologists inspected all burrows that they encountered for the presence or sign of BUOW (e.g., whitewash, pellets, feathers, or prey remains) and classified their findings according to the guidelines in the *Staff Report* (California Department of Fish and Game [CDFG] 2012).

Data collected for each burrow included the condition and size of the burrow, number of entrances, presence of BUOW sign near the burrow, and location. The biologists marked the location using a Global Positioning System (GPS). The biologists individually numbered and classified the burrows as occupied burrow or potential burrow based on definitions found in the CDFG Staff Report (CDFG 2012). Burrows classified as occupied showed signs (e.g., whitewash, feathers, pellets, or bones of prey outside the burrow), which indicated BUOW presence or use at some point in time. Potential burrows were defined as burrows that are large enough for a BUOW but do not show sign of use by the species. The biologists recorded data was recorded on survey sheets and took photographs.

The biologists recorded weather data at the time of the surveys (including time, temperature, cloud cover, and wind speed at the start and end of the survey). The biologists did not conduct surveys during rain, high winds (over 20 miles per hour), dense fog, or temperatures over 90 degrees Fahrenheit. The

biologists conducted the surveys one hour before sunrise and up to two hours after sunrise. The biologists also recorded the major plant and wildlife species observed or detected during the surveys.

RESULTS

ECORP biologists Eliza McLean, Carly Tailor, Corinna Tapia, Carla Marriner, and Daniel Jaques conducted the surveys over a series of four field visits, which are noted in Table 1.

Table 1 also provides weather conditions during the surveys. Appendix A includes representative site photographs, Appendix B includes a complete list of wildlife species observed during the surveys, and Appendix C includes field data sheets.

Table 1. Survey Data										
Survey No.	Date	Surveyors	Time		Temperature (Fahrenheit)		Cloud Cover (percentage)		Wind Speed (miles per hour)	
			Start	End	Start	End	Start	End	Start	End
1	5/9/24	Eliza McLean, Carly Tailor	0530	0815	55.0	64.5	0	100	0-1	0-2
2	5/13/24	Eliza McLean, Corinna Tapia	0545	0645	61.7	61.0	100	100	0-1	0-1
3	5/21/24	Carla Marriner, Carly Tailor	0705	0802	60.0	61.3	95	95	1-3	0-1
4	6/4/24	Carly Tailor, Daniel Jaques	0700	0751	57.7	66.9	95	50	0-1	0-1

Habitat/Vegetation

The northern portion of the Project Site, to the north of SR-60, consists of residential development and paved roadways (Hemlock Avenue and SR-60). The central portion of the Project Site, which is bordered to the north by SR-60 and to the south by Sunnymead Boulevard, consists of a paved roadway (Sunnymead Boulevard) and an undeveloped lot that is composed primarily of disturbed soils and nonnative vegetation.

The southern portion of the Project Site, to the south of Sunnymead Boulevard, consists of a vacant lot that is heavily disturbed and contains compacted soils. The biologists observed disturbances within the Project Site and surrounding 500-foot buffer that included trash, unauthorized dumping, pedestrians, homeless encampments, and previous mechanical disturbances (e.g., discing and grading). The Project Site is surrounded by residential and commercial development to the north, west, south, and east. The southern portion of the Project Site, to the south of Sunnymead Boulevard, is bordered by fencing on all sides except for the southwestern-most tip of the Projects Site's boundary, which is not fenced. The biologists observed aquatic resources, which included native and riparian vegetation, during the biological reconnaissance survey that they conducted for the Project Site.

Burrowing Owl

The burrows depicted in Figure 3 are considered potentially suitable (less than 4 inches in diameter) for BUOW. However, the biologists did not observe BUOW, active signs thereof, or occupied burrows during the four focused surveys that they conducted within the Study Area.

DISCUSSION AND CONCLUSION

ECORP biologists conducted protocol-level focused surveys for BUOW within the Study Area on May 9, May 13, May 21, and June 4. These surveys found marginal suitable habitat and potential burrows for BUOW to be present in the northern portion of the Study Area. However, the surveys did not detect BUOW or observe occupied burrows. As a result, the Study Area was not considered to be occupied by BUOW at the time of the surveys.

The Study Area includes burrows suitable for BUOW and suitable BUOW foraging habitat; therefore, due to the mobile nature of the species, the previous documentation of potential burrows, and the presence of California ground squirrel activity, BUOW may occupy the site before the start of construction of the Project. Although the biologists did not find BUOWs, ECORP recommends that a 30-day BUOW pre-construction clearance survey be conducted prior to any ground disturbance activities in compliance with the *Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area* (RCTLMA 2006).

If you have any questions regarding the contents of this letter report, please contact me at staylor@ecorpconsulting.com.

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

Date: July 19, 2024

Signed:



Scott Taylor

LITERATURE CITED

- California Department of Fish and Game (CDFG). 2012. Staff Report on Burrowing Owl Mitigation. State of California, Natural Resources Agency, Department of Fish and Wildlife.
- California Department of Fish and Wildlife (CDFW). 2024. RareFind California Department of Fish and Game Natural Diversity Database (CNDDDB). Sacramento, CA. California Department of Fish and Wildlife, Biogeographic Data Branch.
- California Native Plant Society (CNPS). 2024. Inventory of Rare and Endangered Plants (online edition, v7-08c). Rare Plant Scientific Advisory Committee. California Native Plant Society. Sacramento, CA. <http://www.cnps.org/inventory>.
- Google Earth. 2024.. Moreno Valley 33.938568°, -117.257932°. <http://www.google.com/earth/index.html>. Accessed April 25, 2024.
- Riverside County Land Management Agency (RCTLMA). 2024. Western Riverside County Multiple Species Habitat Conservation Plan. <http://rctlma.org/Portals/0/mshcp/volume1/index.html>.
- _____. 2014. About Western Riverside County Multiple Species Habitat Conservation Plan (WR-MSHCP). <https://rctlma.org/epd/wr-mshcp>.
- _____. 2006. Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan. https://www.rctlma.org/Portals/3/EPD/consultant/burrowing_owl_survey_instructions.pdf.
- Rosenberg, D. K., J. A. Gervais, H. Ober, and D. F. DeSante. 1998. An adaptive management plan for the burrowing owl population at Naval Air Station Lemoore, California, USA. Publication 95, Institute for Bird Populations, P.O. Box 1346, Pt. Reyes Station, CA 94956.

LIST OF FIGURES

Figure 1 – Project Vicinity

Figure 2 – Project Location

Figure 3 – Burrowing Owl Study Area and Burrow Locations

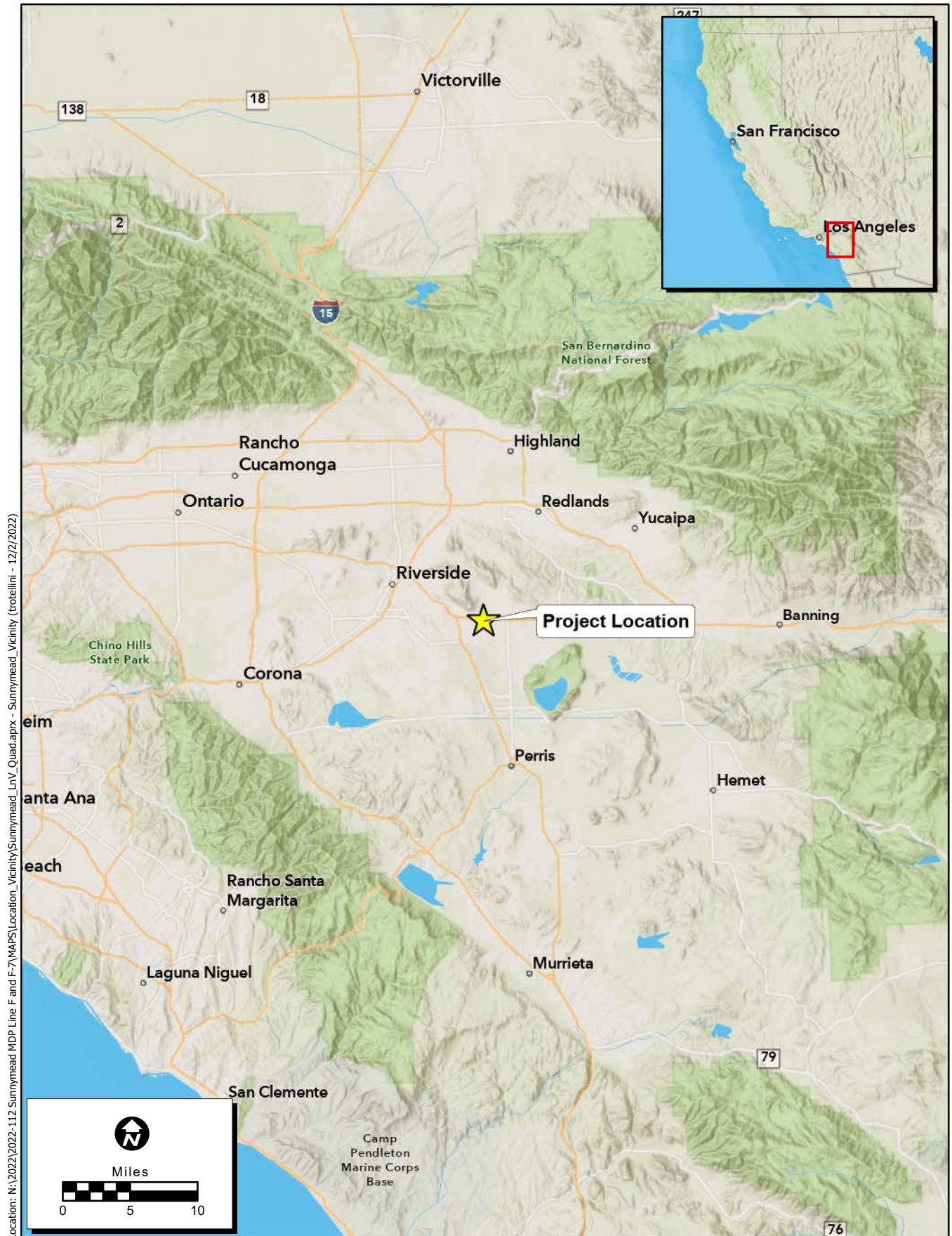


Figure 1. Project Vicinity

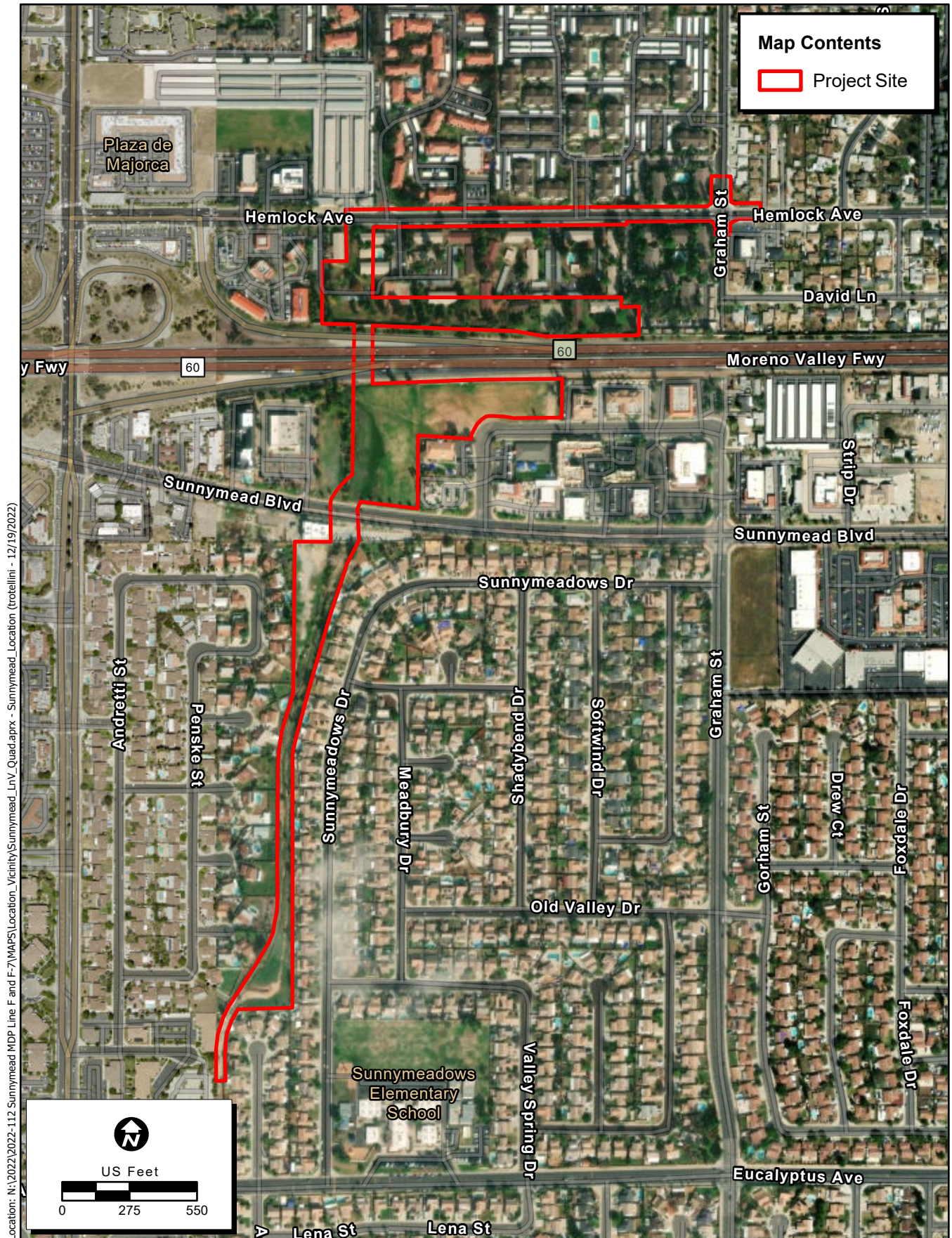
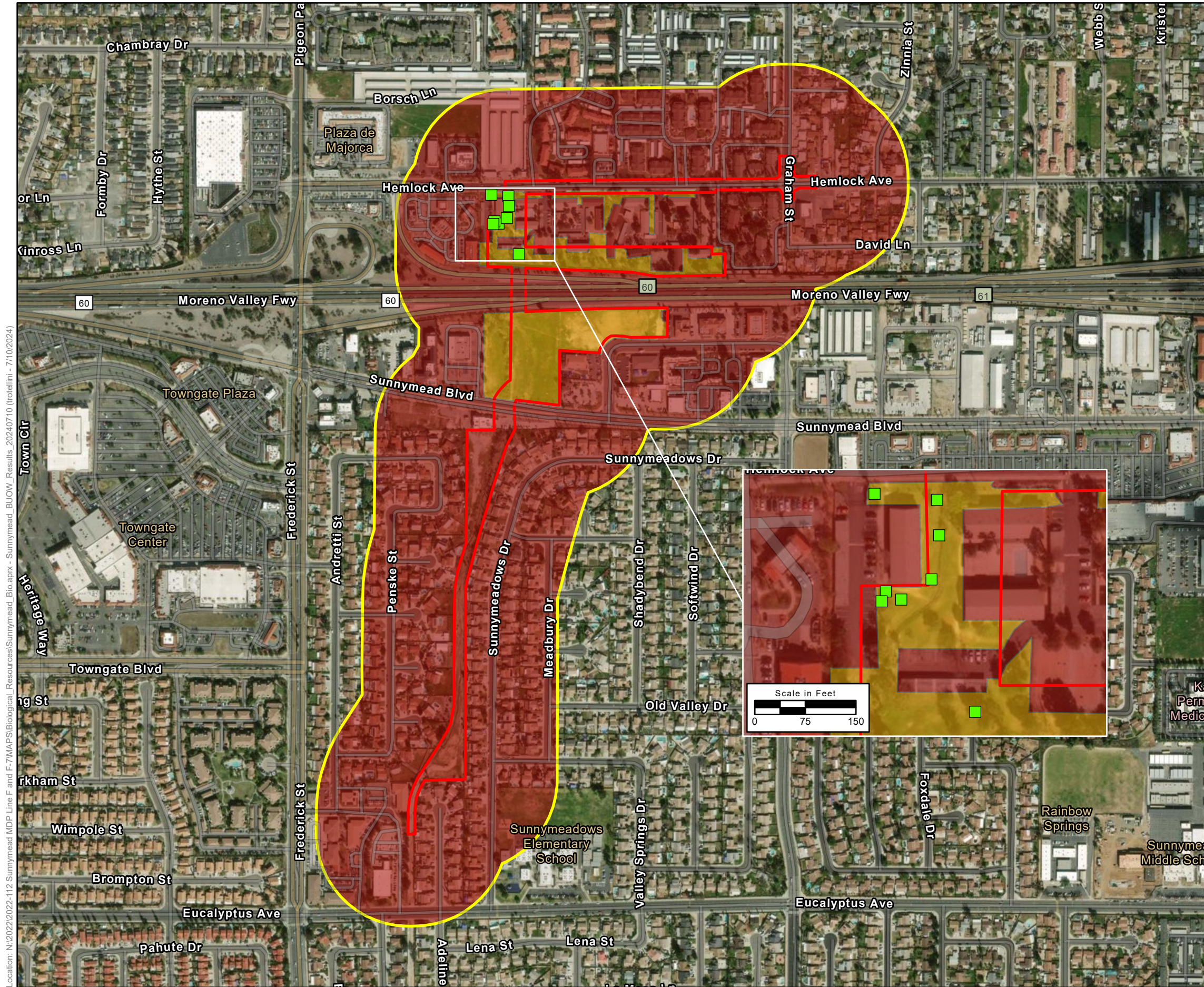


Figure 2. Project Location



Map Contents

- Project Site
- 500-ft Buffer (Burrowing Owl Study Area)
- Potential Burrowing Owl Burrow (No Sign)

BUOW Habitat Suitability

- Marginal
- Unsuitable

Service Layer Credits: World Imagery: County of San Bernardino, Maxar
Charted Territory: UC Riverside, City of Moreno Valley, County of Riverside, California State Parks, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA, USFWS
Hybrid Reference Layer: Esri Community Maps Contributors, Loma Linda University, UC Riverside, City of Moreno Valley, County of Riverside, County of San Bernardino, California State Parks, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, USFWS
World Hillshade: Esri, NASA, NGA, USGS

LIST OF APPENDICES

Appendix A – Representative Site Photographs

Appendix B – Wildlife Species Observed

Appendix C – Field Survey Datasheets

APPENDIX A

Representative Site Photographs



Photo 1. Southern Portion of the Project Site. View of Riparian and Brushy Vegetation, Not Suitable for BUOW. Photo Taken south of Sunnymead Boulevard; Facing South.



Photo 2. Central Portion of the Project Site South of SR-60 and North of Sunnymead Boulevard with Disturbed Land Cover, Marginally Suitable for BUOW; Facing East.



Photo 3. Northern Portion of the Project Site North of SR-60, Marginally Suitable for BUOW. Small Mammal Burrows Were Present in This Area, but No BUOW or BUOW Sign Was Observed; Facing East.



Photo 4. Potential BUOW Burrows in the Segovia Apartments Complex. No BUOW or BUOW Sign Was Observed. Photo Taken North of SR-60; Facing West.

APPENDIX B

Wildlife Species Observed

SCIENTIFIC NAME	COMMON NAME
BIRDS	
Accipitridae	Hawks, Kites, & Eagles
<i>Buteo lineatus</i>	Red-shouldered hawk
Charadriidae	Plovers
<i>Charadrius vociferus</i>	Killdeer
Columbidae	Pigeons & Doves
<i>Streptopelia decaocto*</i>	Eurasian collared-dove
<i>Zenaida macroura</i>	Mourning dove
Corvidae	Jays & Crows
<i>Corvus brachyrhynchos</i>	American crow
<i>Corvus corax</i>	Common raven
Falconidae	Falcons
<i>Falco sparverius</i>	American kestrel
Fringillidae	Finches
<i>Haemorhous mexicanus</i>	House finch
<i>Spinus psaltria</i>	Lesser goldfinch
Icteridae	Blackbirds & Orioles
<i>Icterus bullockii</i>	Bullock's oriole
Mimidae	Mockingbirds & Thrashers
<i>Mimus polyglottos</i>	Northern mockingbird
Passeridae	Old World Sparrows
<i>Passer domesticus*</i>	House sparrow
Sturnidae	Starlings
<i>Sturnus vulgaris*</i>	European starling
Trochilidae	Hummingbirds
<i>Calypte anna</i>	Anna's hummingbird
<i>Calypte costae</i>	Costa's hummingbird
Tyrannidae	Tyrant Flycatchers
<i>Sayornis nigricans</i>	Black phoebe

Wildlife Species Observed

SCIENTIFIC NAME	COMMON NAME
<i>Sayornis saya</i>	Say's phoebe
<i>Tyrannus vociferans</i>	Cassin's kingbird
MAMMALS	
Canidae	Dogs
<i>Canis familiaris</i>	Domestic dog
Felidae	Cats
<i>Felis catus</i>	Domestic cat
Sciuridae	Squirrels
<i>Otospermophilus beecheyi</i>	California ground squirrel
<i>Sciurus niger</i> *	Fox squirrel

Notes: * = non-native species

APPENDIX C

Field Survey Datasheets

Date: 5/9/24
 Survey Season: Breeding
 Survey #: 1

Burrowing Owl Survey



ECORP Consulting, Inc.
 ENVIRONMENTAL CONSULTANTS

Project #: 2022-112
 Client: Sunnymead

General Information		Weather Data			
Observers: <u>Eliza McLean</u> <u>Carly Taylor</u>		Time (24 hr) Temp* (°F) <small>6" above ground in shade</small> Wind (mph) % Cloud Cover	AM		PM
			Start: <u>0530</u>	End: <u>0815</u>	Start: _____ End: _____
			Start: <u>55°</u>	End: <u>64.5°</u>	Start: _____ End: _____
			Start: <u>0-1</u>	End: <u>9-2</u>	Start: _____ End: _____
			Start: <u>0</u>	End: <u>100</u>	Start: _____ End: _____

Site Information	
Project Name: <u>Sunnymead</u>	Photos Taken? <u>(Y)</u> [N]
Location: <u>Moreno Valley, CA</u>	Area Surveyed: <u>19.42 acres + 500-ft buffer</u>
County: <u>Riverside</u>	Transect Width: 10-20 meters

Physical Characteristics	
Landform*: *e.g. mesa, bajada, wash	Soils: <u>sandy loam</u>
Other: <u>residential, commercial</u>	
Land Uses:	
N: <u>residential, commercial</u>	S: <u>water district property</u>
E: <u>water district property</u>	W: <u>open field</u>
Disturbances on Site: [e.g. tracks (vehicle, human, livestock); trash; dump sites; blading; other] <u>a lot of trash, homeless encampments, more open areas tilled/bladed or covered with gravel</u>	

Field Observations	
Vegetation Communities:	
Plants	
<u>disturbed</u>	<u>Wild radish, NNG, palm trees, TRI TER, DATWRI, HELAND, HIRING, EROIC, Euphorbia sp., SALTRA, ONCPIL</u>
<u>near riparian</u>	<u>MELIND, Amsinckia sp., DENE LA, MALPAR, SCHMOL, TAROFF</u>
Wildlife: [include: B - burrow, S - scat, O - observed, T - tracks, C - carcass, or Other (specify)]	
<u>HOFI</u>	<u>ANHU</u>
<u>SAPH</u>	<u>EUCD</u>
<u>CORA</u>	<u>BLOR</u>
<u>HOSP</u>	<u>CAKI</u>
<u>MADO</u>	<u>EUST</u>
<u>RSHA</u>	<u>AMKE</u>
	<u>fox squirrel</u>
	<u>domestic cat</u>

Comments
<u> </u>

Date: 5/9/29
Survey Season: Breeding
Survey #: 1

Burrowing Owl Survey



ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Project #: 2022-112

Client: Sunny mead

[illegible]

Date: 5/13/24
Survey Season: Breeding
Survey #: 2

Burrowing Owl Survey



ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Project #: 2022-112
Client: Sunny mead

General Information		Weather Data			
Observers: <u>Eliza McLean</u> <u>Corrina Tapia</u>	Time (24 hr)	AM		PM	
	Temp* (°F) <small>6" above ground in shade</small>	Start: <u>0545</u>	End: <u>0645</u>	Start: _____	End: _____
	Wind (mph)	Start: <u>61.7</u>	End: <u>61.0</u>	Start: _____	End: _____
	% Cloud Cover	Start: <u>0-1</u>	End: <u>0-1</u>	Start: _____	End: _____
		Start: <u>100</u>	End: <u>100</u>	Start: _____	End: _____

Site Information	
Project Name: <u>Sunny mead</u>	Photos Taken? <input checked="" type="checkbox"/> [Y] <input type="checkbox"/> [N]
Location: <u>Moreno Valley, CA</u>	Area Surveyed: <u>19.42 acres + 500 ft buffer</u>
County: <u>Riverside</u>	Transect Width: <u>10-20 meters</u>

Physical Characteristics	
Landform*: * e.g. mesa, bajada, wash	Soils: <u>sandy loams</u>
Other: _____	
Land Uses: <u>residential, commercial</u>	
N: <u>11</u>	S: <u>11</u>
E: <u>11</u>	W: <u>11</u>
Disturbances on Site: [e.g. tracks (vehicle, human, livestock); trash; dump sites; blading; other] <u>trash, homeless encampments, open areas disced and/or covered with gravel</u>	

Field Observations	
Vegetation Communities:	
Plants	<u>Amsinckia sp. RAPSAT</u>
<u>NNG</u>	<u>SALTRA</u>
<u>MIRING</u>	<u>EROCIC</u>
<u>ONCPIL</u>	<u>DATWRI</u>
<u>TRITER</u>	<u>GALAPA</u>
<u>HELANU</u>	
Wildlife: [include: B - burrow, S - scat, O - observed, T - tracks, C - carcass, or Other (specify)]	
<u>SAPH,</u>	
<u>HOPI,</u>	
<u>LEGO</u>	
<u>ANMU</u>	
<u>HOSP</u>	
<u>domestic dog + cat</u>	

Comments
<u>N/A</u>

Date: 5/13/24
Survey Season: Breeding
Survey #: 2

Burrowing Owl Survey



ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Project #: 2022-112
Client: Sunnyvale

[illegible]

Date: 5/21/24
Survey Season: Breeding
Survey #: 3

Burrowing Owl Survey



ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Project #: 2022-112
Client: _____

General Information		Weather Data			
Observers: <u>Carla Manner</u> <u>Carly Taylor</u>	Time (24 hr)	AM		PM	
	Temp* (°F) <small>6" above ground in shade</small>	Start: <u>0705</u>	End: <u>0802</u>	Start: _____	End: _____
	Wind (mph)	Start: <u>1-3</u>	End: <u>0-1</u>	Start: _____	End: _____
	% Cloud Cover	Start: <u>95%</u>	End: <u>95%</u>	Start: _____	End: _____

Site Information	
Project Name: <u>Sunnymead</u>	Photos Taken? <input checked="" type="checkbox"/> [Y] <input type="checkbox"/> [N]
Location: <u>Moreno Valley</u>	Area Surveyed: _____
County: <u>Riverside</u>	Transect Width: 10-20 meters

Physical Characteristics	
Landform*: * e.g. mesa, bajada, wash	Soils: <u>Sandy loam</u>
Other: _____	
Land Uses:	
N: <u>residential / commercial</u>	S: _____
E: _____	W: _____
Disturbances on Site: [e.g. tracks (vehicle, human, livestock); trash; dump sites; blading; other] <u>apartment complex, lots of trash, dogs on-site,</u>	

Field Observations
Vegetation Communities: Plants <u>olive tree</u> <u>Mexican fan palm</u> <u>Eucalyptus</u> <u>Grass (landscaping)</u>
Wildlife: [include: B - burrow, S - scat, O - observed, T - tracks, C - carcass, or Other (specify)] <u>HOPI Ca. ground squirrel</u> <u>ANHU</u> <u>SAPH</u>

Comments
<u>N/A</u>

Survey #: 3



ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Client: _____

[illegible]

Date: 6/4/24
Survey Season: Breeding
Survey #: 4

Burrowing Owl Survey



ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Project #: 2022-112
Client: _____

General Information		Weather Data			
Observers: <u>Carly Taylor</u> <u>Daniel Jaques</u>	Time (24 hr)	AM		PM	
	Temp* (°F) <small>6" above ground in shade</small>	Start: <u>0700</u>	End: <u>0751</u>	Start: _____	End: _____
	Wind (mph)	Start: <u>57.7</u>	End: <u>16.9</u>	Start: _____	End: _____
	% Cloud Cover	Start: <u>0-1</u>	End: <u>0-1</u>	Start: _____	End: _____
		Start: <u>95%</u>	End: <u>50%</u>	Start: _____	End: _____

Site Information	
Project Name: <u>Sunny mead</u>	Photos Taken? <input checked="" type="checkbox"/> [Y] <input type="checkbox"/> [N]
Location: <u>moreno Valley</u>	Area Surveyed: _____
County: <u>Riverside</u>	Transect Width: 10-20 meters

Physical Characteristics	
Landform*: *e.g. mesa, bajada, wash	Soils: _____
Other: _____	
Land Uses:	
N: _____	S: _____
E: _____	W: _____
Disturbances on Site: [e.g. tracks (vehicle, human, livestock); trash; dump sites; blading; other] <u>Trash, human foot traffic</u>	

Field Observations
Vegetation Communities: Plants
Wildlife: [include: B - burrow, S - scat, O - observed, T - tracks, C - carcass, or Other (specify)] <u>AMCK, HOFI, ANHU, Ca ground squirrel, LEGO, HOSP</u>

Comments

Survey #: 14



ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Client: _____

Comments:
