



**SAGECREST**  
PLANNING + ENVIRONMENTAL

## Highgrove Residential and Commercial Development At Mount Vernon Avenue and Center Street Project

### Appendix B

### Biological Habitat Assessment

## Information Summary

**Report preparation date:** April 11, 2020

**Fieldwork performed:** February 15, 2020

**Title:** General Biology, including Habitat Assessment for Burrowing Owl (*Athene cunicularia*) and other biological resources on a 8.45-acre site (Assessor's Parcel No. 255-150-001), Highgrove, Riverside County, California.

**Project site location:** northeast corner of Center Street and Mt. Vernon Avenue, Highgrove, CA - San Bernardino South, U.S.G.S.-75.' Quadrangle, Township 2 S., Range 4 W., in the northwest portion of section 9.

**Assessor's Parcel Number:** 255-150-001; Case Numbers: CZ 1900026, GPA 190009.

**Acreage of site:** 8.45-acres.

**Owner/Applicant:** Highgrove INV, LLC, 7111 Indiana Ave Riverside Ca, 92504.

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

**Report Summary:** Results of the biological assessment:

Lack of animal burrows or soil cavities suitable for Burrowing Owl preclude residence of this species on the site.

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 subject site.

The proposed development to residential 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 Habitat Assessment for Burrowing Owl  
(*Athene cunicularia*) and other biological resources on a 8.45-acre site  
(Assessor's Parcel No. 255-150-001)  
Highgrove, Riverside County, California.**

Prepared for:

**Highgrove INV, LLC  
7111 Indiana Ave Riverside, CA  
92504**

**I hereby certify that the statements furnished above and in the attached exhibits present that 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.**



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



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**Date**

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## EXECUTIVE SUMMARY

Mr. Steve Berzansky, representing Highgrove INV, LLC, has requested a Habitat Assessment for Burrowing Owl (*Athene cunicularia*) on a 8.45-acre site (Assessor's Parcel No. 255-150-001), in Highgrove, Riverside County, California. All biological aspects of the subject site were investigated. In compliance with county reporting standards, other biological aspects of the site were also evaluated.

In order to assess the subject site for potential as habitat for Burrowing Owl, a field investigation was conducted on February 15, 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 subject site. Consideration was also given to potential presence of riparian habitats, wetlands, vernal pools, and drainages subject to state or federal jurisdiction.

**Burrowing Owl:** Habitat on the site is unsuitable for residence of Burrowing Owl due to absence of any animal burrows or soil cavities suitable 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 residential 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 for Burrowing Owl (*Athene cunicularia*) and other biological resources on a 8.45-acre site (Assessor's Parcel No. 255-150-001), located at northeast corner of Center Street and Mt. Vernon Avenue, Highgrove, Riverside County, California. Specifically, the site is located on the San Bernardino South U.S.G.S.-75.' quadrangle, in the northwest quarter of Section 9, Township 2 S., Range 4 W. It is my understanding that the project applicant proposes to divide the parcel with 6.4 acres going to residential development, and 2.05 acres to be used for Commercial development after a lot split.

The site consists of a generally flat field supporting annual exotic weedy vegetation, surrounded on three sides by existing residential development.

Figure 1 shows the general vicinity of the survey site at 87.5% scale on the San Bernardino South, 7.5' USGS quadrangle. Figure 2 shows the site at 200% scale on this quadrangle.

## 2.0 METHODS

### 2.1 Literature Review

The Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) was consulted with respect to conservation objectives relevant to lands on and in the vicinity of the subject site. References pertaining to wildlife, plants, their habitats, and identification (Beauchamp 1986, Eriksen and Belk 1999, Haug et al. 1993, Hickman 1993, Munz 1974, Peterson 1990, Roberts et al. 2004) were consulted as needed. Field observations on soil conditions were corroborated by consultation with soil resources (Knecht 1971, UC Davis Soil Resource Website: <https://casoilresource.lawr.ucdavis.edu/gmap>).

### 2.2 Field Reconnaissance/Focused Surveys

The initial field reconnaissance was carried out on February 15, 2020. Habitat conditions were evaluated for burrowing owl (*Athene cunicularia*). The site was assessed for presence of river/riparian, wetland, vernal pool, sage scrub and jurisdictional waters. General notes were taken on vegetation communities and structure, as well as plant and animal species (or their sign) observed on the site, along with photographs of the subject site.

Methods for this burrowing owl study follow the survey protocol recommended by the County of Riverside (2006) and generally follow recommendations given by the California Department of Fish and Game (CDFG 2012). The site and surrounding open areas to 150 meters (approximately 500 feet) from the site (Figure 12), was searched for any animal burrows or cavities potentially suitable for Burrowing Owl. This search was conducted by walking the perimeter of the site and walking regular, parallel transects through the site (transects spaced approximately 15 meters). Such burrows or cavities (if any) were checked for owl sign such as pellets (composed of insects and small rodents), plumage, and 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. 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. Focused surveys were determined to be unnecessary owing to lack of suitable conditions for burrowing owl on the site and on open lands south of the site. Although a few ground squirrel burrows were located on a small vacant lot east of the site and in a detention basin southeast of the site, these burrows showed no sign of burrowing owl.

#### 2.2.1 Vegetation Mapping

The study site was carefully evaluated for vegetation types and a satellite image of the site (Google Earth) was used to corroborate ground observations with respect to vegetation types and other physical features (such as trees, drainages, and structures on the site).

### 2.2.2 Riparian/Riverine/Vernal Pools and Fairy Shrimp Habitat Methods

The site was assessed by Osborne for presence of river/riparian, wetland, vernal pool, and jurisdictional waters. This assessment involved an inspection of any drainages, ponds, and low areas for hydrophilic plant species or soil surface characteristics (such as cracked mud deposits settled into low basins) that are characteristic of vernal pool conditions.

### 2.2.3 Methods for Other Survey Requirements

Beyond a focused study for burrowing owl and federal listed fairy shrimp species (should habitat conditions warrant) the MSHCP does not indicate survey needs on the site for other narrow endemic plant species or critical area plant species – although such species would have been noted if encountered in the course of biological investigations. The site is sufficiently small, and with open conditions, that rare plant species would be easily observed in the course of site visits.

## 3.0 PHYSICAL CHARACTERISTICS

Physical and biological characteristics of the site were determined in the course of a site visit conducted on February 15, 2020 in conjunction with the habitat assessment for Burrowing Owl. 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. Plant and animal species encountered in the course of this survey are presented in the appendix.

### 3.1 Environmental Setting

The subject site features open mowed field of exotic grasses and forbs.

The study site has Center Street (a two-lane paved road) fronting on its southern margin (with open fields beyond), and Mt. Vernon Avenue (a two-lane paved road) fronting its western margin (with residential development beyond). Existing residential developments are adjacent to the site on the east and north.

### 3.2 Land Uses on Site

The subject site is currently a vacant lot.

### 3.3 Topography

The site generally flat, with a shallow gully extending in a north-south orientation through eastern portions of the site. Elevation on the site ranges through approximately 1100 to 1120 feet.

### 3.4 Soils

The predominant on-site soil is Greenfield sandy loam (Knecht 1971, UC Davis Soil Resource Website: <https://casoilresource.lawr.ucdavis.edu/gmap/>). A soils map adapted from the UC Davis Soil Resource Website is presented in Figure 11.

### 3.5 Vegetation Communities and Land Covers

The site supports Nonnative annual grassland vegetation associated with regularly disked grassland. This vegetation may be classified as the *Bromus diandrus* – mixed herbs association of Nonnative grassland (CNDDDB code CTT42200CA; CaCode 40.026.11, Sayer et al. 2009). Figure 10 presents a current vegetation map of the subject site and a list of plant species encountered on the site is presented in the appendix.

#### 3.5.1 Annual grass/forbland

The entire site is an open disked field. The site supports an exotic annual grass/forbland dominated by such plants as *Bromus diandrus*, *Hordeum murinum*, *Schismus barbatus*, *Amaranthus albus*, *Amsinkia menziesii*, *Sisymbrium irio*, *Hirschfeldia incana*, *Malva parviflora*, and *Erodium cicutarium*. These are weedy species typical of highly disturbed conditions.

## 4.0 RESULTS AND IMPACTS

### 4.1 Vegetation Communities and Land Covers

The site supports Nonnative annual grassland/forb vegetation associated with regularly disked fields. Figure 10 presents a current vegetation map of the subject site.

### 4.2 Impacts to Vegetation Communities and Land Covers

The proposed development would replace exotic grassland with residential homes and commercial properties.

#### 4.2.1 Riparian/Riverine Resources

Evaluating of USGS topographic maps and ground proofing of the site found no evidence of blue-line drainages, ponds or lakes. There are no drainage features on the site.

#### 4.2.2 Vernal Pools

There are no depressions, basins, impoundment, or tire ruts on the site suggestive of any water retention or of possessing hydric soil conditions. Soils on the site appear to be sufficiently silty, sandy, and porous as to be incapable of holding water for vernal pools, even if the depressions did exist on the site. The biological functions and values of Vernal Pools do not exist on site.

### 4.2.3 Listed Fairy Shrimp Habitat

Vernal pool conditions do not exist on the site. Soils on the site appear to be sufficiently silty and sandy, and porous as to be incapable of holding water in basins for the few days required for development of any fairy shrimp species.

## 4.3 Species Survey Requirements

### 4.3.1 Criteria Area Species

The MSHCP does not indicate need for survey of Criteria Area plant species for this site.

### 4.3.2 Burrowing owl

A habitat evaluation for burrowing owl found ground squirrel burrows or other soil cavities suitable for burrowing owl to be absent from the site and its surroundings. Burrowing owl was not observed on the site during the course of this survey and this species is determined to be absent from the site. Although ground squirrel burrows were located on a vacant lot east of the site (partially within the 500 foot buffer area and separated from the site by existing residential development) and in a detention basin southeast of the site (outside of the 500 foot buffer zone); none of these burrows is within the 500 foot buffer area and none (including those outside the buffer area) showed any sign of burrowing owl.

### 4.3.3 Mammals

The MSHCP does not indicate need for survey of sensitive mammal species for this site. A list of animal species observed on the site in the course of surveys is presented with in the appendix.

## 4.4 MSHCP Reserve Assembly Requirements

### 4.4.1 Cores and Linkages

The subject site is not located within or near any Criteria Cell. The site does not contribute to any MSHCP identified Existing Core or Linkage area.

### 4.4.2 Area Plans and Subunits

The subject site does not contribute to any MSHCP Area Plan. Furthermore, as wetlands and riparian vegetation do not occur on the subject site, arroyo chub, California red-legged frog and western pond turtle cannot be expected on the site. Similarly, due to lack of riparian woodland habitat on the site, sensitive bird species such as least Bell's vireo, southwestern willow flycatcher, and yellow-billed cuckoo cannot be supported by habitat conditions on the site. The environment surrounding the subject site on three sides (residential developments) all tend to preclude movement of bobcat and mountain lion through the subject site.

#### 4.4.3 Cell Criteria

The study site does not occur within any MSHCP Criteria Cell.

#### 4.5 Urban/Wildlands Interface Guidelines (MSHCP section 6.1.4)

Development of this site to residential and commercial use is consistent with the type of residential developments that surround the subject site to the east, north, and west. The proposed project development to residential and commercial uses will not be subject to manufacturing and heavy machinery such as would generate unusual noise or effluent waste products. The proposed residential and commercial uses will cause no significant impact through the Urban/Wildlands Interface.

### 5.0 CONSISTENCY ANALYSIS

#### 5.1 Riparian/Riverine Areas and Vernal pools

Riverine/riparian and vernal pool habitats do not occur on the subject site.

#### 5.2 Species Survey Analysis

The MSHCP requires only a habitat assessment for Burrowing Owl on the subject site. Habitat assessments for Amphibians, Mammals, Criteria area plant species, Narrow endemic plant species, and special linkage areas are not required.

##### 5.2.2 Burrowing Owl Analysis

Burrowing owl was determined to be absent from the site owing to lack of suitable conditions for the owl on the site.

#### 5.3 Reserve Assembly Analysis

The subject site does not contribute to MSHCP reserve assembly.

#### 5.4 Urban/Wildlands Interface Guidelines

The project site is set within the context of other residential development. Urban/Wildlands interface guidelines do not here.

### 6.0 SUMMARY OF PROJECT-SPECIFIC REQUIREMENTS AND COMMITMENTS

This report presents a biological investigation satisfying MSHCP species survey requirements. Finding no sensitive or protected biological or ecological resources, there are no further requirements or commitments associated with this project.

## 7.0 SUMMARY

### 7.1 Overall Reserve Assembly Consistency Determination

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

### 7.2 Overall Other Plan Requirements consistency Determination

The Summary Report Generator identifies need to survey for Burrowing Owl, and this biological investigation found negative for Burrowing Owl on the site due to the lack of suitable burrows or soil cavities to harbor burrowing owl on the site and within 150 meters of the study site. The Summary Report Generator does not identify other species for survey on the subject site.

The shallow gully over eastern portions of the study site shows no sign of water drainage, fluvial channelization, alluvial deposition, hydrophilic plant species or riparian vegetation, and is not riverine feature subject to state and federal jurisdiction on the site and relevant to MSHCP conservation.

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

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

## 8.0 LIST OF PREPARERS

This report was prepared by Kendall H. Osborne

## 9.0 RREFERENCES

Beauchamp M. R. 1986. A flora of San Diego County, California. Sweetwater River Press. National City, CA

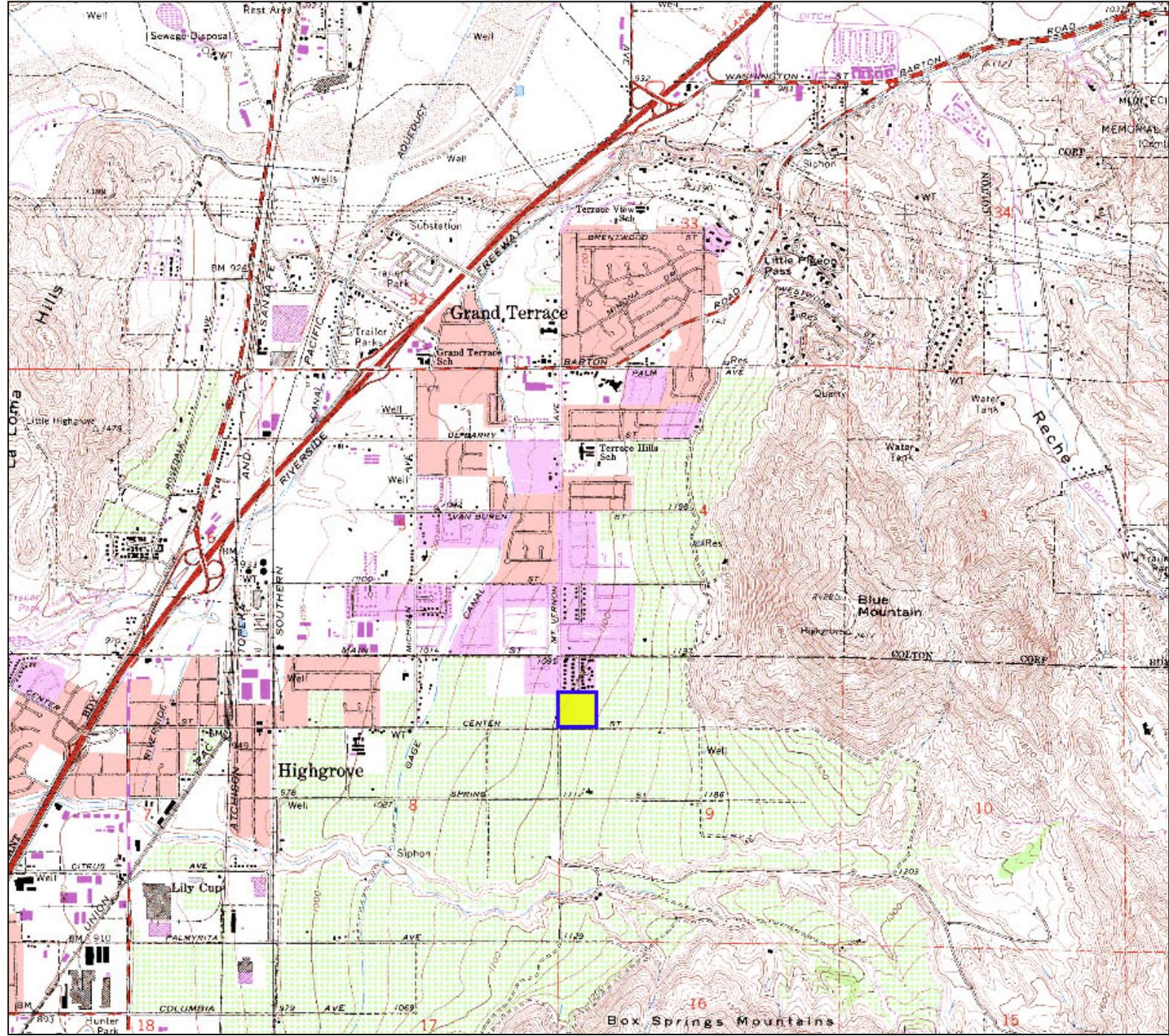
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County of Riverside. 2006. Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat conservation Plan Area.

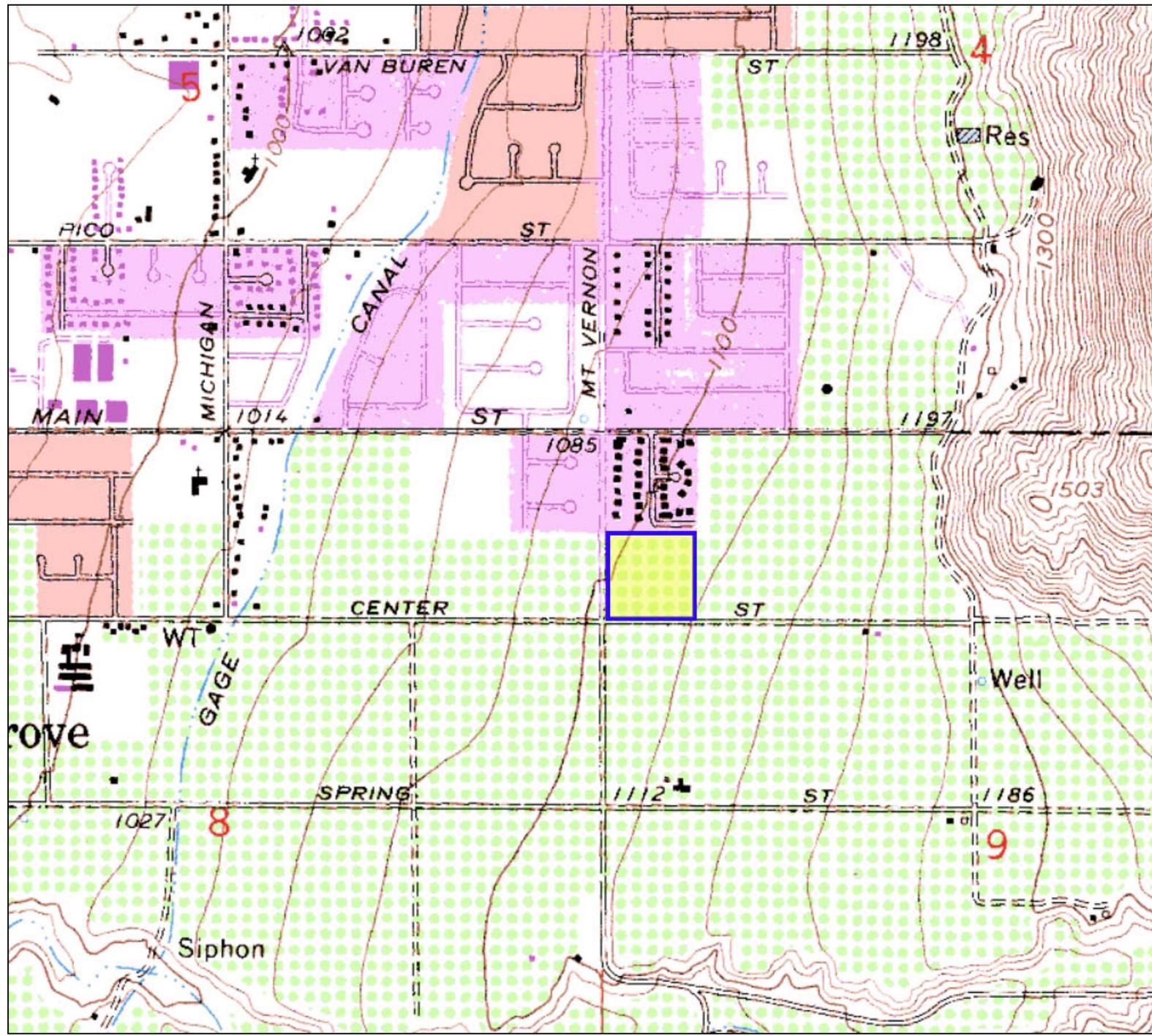
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- Roberts, F. M., S. D. White, A. C. Sanders, D. E. Bramlet, and S. Boyd. 2004. The Vascular Plants of Western Riverside County, California; an Annotated Checklist. F. M. Roberts Publications, San Luis Rey, California.
- Sawyer, J. O., T. Keeler-Wolf, and J. M. Evens. 2009. A manual of California vegetation, 2<sup>nd</sup> edition. California Native Plant Society, Sacramento, California.

## 10.0 FIGURES



**Figure 1.** General vicinity of survey site, San Bernardino South, California USGS 7.5” quadrangle at 87.5%. 8.45-acre subject site is outlined in blue and highlighted in yellow (arrow).



**Figure 2.** General vicinity of survey site, San Bernardino South, California USGS 7.5” quadrangle at 200%. 8.45-acre subject site is outlined in blue and highlighted in yellow.



Figure 3. Photograph of study site (fence at right is the eastern site boundary) as seen from the southeastern corner of the site. View is looking north.



Figure 4. Photograph of the view across the study site, looking north-northwest from the southeastern corner of the site. Residences (far background) are off site to the north.



Figure 5. Photograph of view across the study site as seen looking southwest from the northeastern corner of the site. This view shows some exotic soils dumped on a central portion of the site.



Figure 6. Photograph of study site as seen from the northwestern corner of the site. View is looking south along the western boundary (Mt. Vernon Ave.) of the site.



Figure 7. Photograph of view across the study site as seen looking southeast from the northwestern corner of the site.

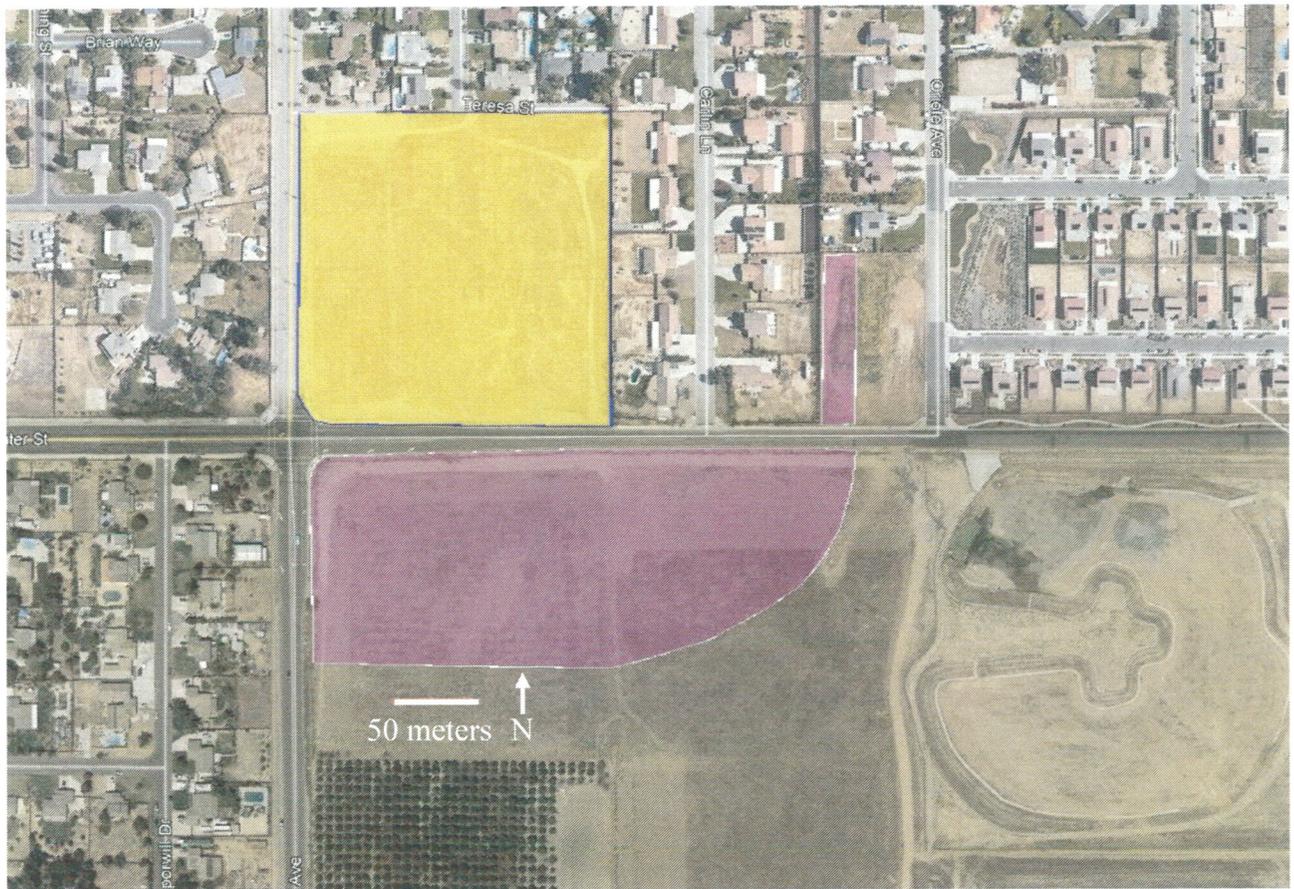


Figure 8. Photograph of cut slope in a detention basin located more than 250 meters southeast of the site. This ground squirrel burrow in the cut slope (lacking sign of burrowing owl) is approximately 440 meters from the study site.





**Figure 11.** Soils map adapted from the UC Davis Soil Resource Website showing vicinity around the survey site (highlighted, left center of exhibit). 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: GyC2 = Greenfield sandy loams.



**Figure 12.** Satellite image showing the survey area (yellow highlight) and the 500 foot (150 meter) buffer area (pink highlight) including only undeveloped portions. Cavities suitable for burrowing owl were not found within the study site or surrounding 500 foot buffer area.

## 11.0 APPENDIX

Vertebrate species encountered

Plant species encountered

Field notes

County forms:

Attachment E-3

Attachment E-4

### Vertebrate species (or sign) encountered on the survey site.

#### Reptiles

Side-blotched lizard	<i>Uta stansburiana</i>
Western fence lizard	<i>Sceloporus occidentalis</i>

#### Birds

American crow	<i>Corvus brachyrhynchos</i>
Anna's hummingbird	<i>Calypte anna</i>
Black phoebe	<i>Sayornis nigricans</i>
House finch	<i>Carpodacus mexicanus</i>
Mourning dove	<i>Zenaida macroura</i>
Northern mockingbird	<i>Mimus polyglottos</i>
Red-tailed hawk	<i>Buteo jamaicensis</i>

#### Mammals

Botta's pocket gopher	<i>Thomomys bottae</i>
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### Plant species encountered on the survey site.

FAMILY	Species
<b>ASTERACEAE</b>	
flax-leaved horseweed	<i>Conyza bonariensis</i>
sunflower	<i>Helianthus annua</i>
prickly lettuce	<i>Lactuca serriola</i>
common groundsel	<i>Senecio vulgaris</i>
common sow-thistle	<i>Sonchus oleraceus</i>
<b>BORAGINACEAE</b>	
ranchers fiddleneck	<i>Amsinkia menziesii</i>
<b>BRASSICACEAE</b>	
shortpod mustard	<i>Hirschfeldia incana</i>

London rocket

**CHENOPODIACEAE**

Australian saltbush

Russian thistle

**CRASSULACEAE**

sand pygme-stonecrop

**FABACEAE**

bur clover

**GERANIACEAE**

red-stem filaree

**MALVACEAE**

cheeseweed

**SOLANACEAE**

Jimson weed

**POACEAE**

ripgut

mouse barley

Schismus

*Sisymbrium irio*

*Atriplex semibaccata*

*Salsola tragus*

*Crassula connata*

*Medicago polymorpha*

*Erodium cicutarium*

*Malva parviflora*

*Datura wrightii*

*Bromus diandrus*

*Hordeum murinum*

*Schismus barbatus*

Date 2/15/20 Time 10<sup>55</sup> to 12<sup>00</sup> Job Higley  
Miles 6.517 on site Location NB corner Mt Vernon / APN 255-150-001  
Biologists KW Central, Highways 10 acres  
Survey for: Not in a MCHP cell  
Habitat Assessment for: Burrowing Owl / General Biology

Weather: Temp ~70 Wind C Cloud cover 0 Rain 0

Biological elements:

Vegetative communities:

Exotic grass / Park

Soil type Sandy loam

Plant species:

Ambrosia, Malva, Erodium, Sisymbrium Hirsutifolium Solanum  
Lactuca, Senecio, H. annuus, etc.  
Schismus, Bromus, Hordeum.

Vertebrates

CYPH VTA SCLARYPHORA NUNO ANRU  
HDFI AMCA BLPA R ISEA MELA

Good squirrel @ detention basin to SE.

Arthropods v.c.

Oak Woodlands  Riparian Veg  type \_\_\_\_\_  
Vernal Pools

Comments:

San Bernardino S. Sec 9 NW portion R. 4W. T. 2S.  
No suitable burrows/cavities on site;  
1100-1120'  
Good squirrel burrow @ detention basin ca 1/2 km away  
to SE.

BIOLOGICAL REPORT SUMMARY SHEET

(Submit two copies to the County)

Applicant Name: Highgrove INV, LLC  
 Assessor's Parcel Number (APN): 255-150-001  
 APN cont. : \_\_\_\_\_  
 Site Location: Section: 9 / Township: 25. Range: 4W  
 Site Address: northeast corner of Center St. & Mt. Vernon Ave., Highgrove  
 Related Case Number(s): CZ1900026/GPA190009 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	<u>No</u>	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	<u>No</u>	N/A
	Quino Checkerspot Butterfly	Yes	No	N/A
	Riverside Fairy Shrimp	Yes	No	N/A
	Santa Ana River Woollystar	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	<u>No</u>	N/A
/	Wetlands	Yes	<u>No</u>	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)		
Habitat Assessment ✓	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
	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 (NDDDB).

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.

  
Signature and Company Name

Osborne Biological Consulting *4/11/2020*  
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)

Case Number: C21900026 GPA 190009 Lot/Parcel No. 255-150-  
001 EA Number \_\_\_\_\_

**Wildlife & Vegetation**

Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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(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: *Site is unsuitable for burrowing owl*

Proposed Mitigation: *None*

Monitoring Recommended: *None*