

Plant Species Potential to Occur

Scientific Name	Common Name	Status (Federal/State/CRPR)	WR MSHCP	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
<i>Abronia villosa</i> var. <i>aurita</i>	chaparral sand-verbena	None/None/1B.1	None	Chaparral, Coastal scrub, Desert dunes; sandy/annual herb/(Jan)Mar-Sep/246-5,245	Not expected to occur. No suitable sandy chaparral, scrub, or dune habitats are present on the project site.
<i>Allium marvinii</i>	Yucaipa onion	None/None/1B.2	Narrow Endemic Plant Species	Chaparral (clay, openings)/perennial bulbiferous herb/Apr-May/2,490-3,490	Not expected to occur. The project site is outside of the species' known elevation range and there is no suitable habitat present.
<i>Allium munzii</i>	Munz's onion	FE/ST/1B.1	Narrow Endemic Plant Species	Chaparral, Cismontane woodland, Coastal scrub, Pinyon and juniper woodland, Valley and foothill grassland; mesic, clay/perennial bulbiferous herb/Mar-May/974-3,510	Low potential to occur. Marginally suitable scrub habitat occurs on the project site. The nearest CNDDDB record of this species is less than two miles northwest of the project site from 1992.
<i>Almutaster pauciflorus</i>	alkali marsh aster	None/None/2B.2	None	Meadows and seeps; alkaline/perennial herb/June-Oct/787-2,620	Not expected to occur. No suitable meadow or seep habitat is present on the project site.
<i>Ambrosia pumila</i>	San Diego ambrosia	FE/None/1B.1	Narrow Endemic Plant Species	Chaparral, Coastal scrub, Valley and foothill grassland, Vernal pools; sandy loam or clay, often in disturbed areas, sometimes alkaline/perennial rhizomatous herb/Apr-Oct/66-1,360	Not expected to occur. The project site is outside of the species' known elevation range.
<i>Arctostaphylos rainbowensis</i>	Rainbow manzanita	None/None/1B.1	Covered	Chaparral/perennial evergreen shrub/Dec-Mar/673-2,195	Not expected to occur. No suitable habitat is present on the project site. Additionally, this perennial shrub would have been observed during surveys if present.
<i>Astragalus pachypus</i> var. <i>jaegeri</i>	Jaeger's bush milk-vetch	None/None/1B.1	Covered	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland; sandy or rocky/perennial shrub/Dec-June/1,195-3,195	Not expected to occur. No suitable habitat is present on the project site. Additionally, this perennial shrub would have been observed during surveys if present.
<i>Atriplex coronata</i> var. <i>notatior</i>	San Jacinto Valley crowscale	FE/None/1B.1	Criteria Area Survey Plant Species	Playas, Valley and foothill grassland (mesic), Vernal pools; alkaline/annual herb/Apr-Aug/456-1,640	Not expected to occur. No suitable playa, alkaline grassland, or vernal pool habitats are present on the project site.
<i>Atriplex parishii</i>	Parish's brittle-scale	None/None/1B.1	Criteria Area Survey Plant Species	Chenopod scrub, Playas, Vernal pools; alkaline/annual herb/June-Oct/82-6,230	Not expected to occur. No suitable playa, alkaline grassland, or vernal pool habitats are present on the project site.
<i>Atriplex serenana</i> var. <i> davidsonii</i>	Davidson's salt-scale	None/None/1B.2	Criteria Area Survey Plant Species	Coastal bluff scrub, Coastal scrub; alkaline/annual herb/Apr-Oct/33-655	Not expected to occur. The project site is outside of the species' known elevation range.
<i>Ayenia compacta</i>	California ayenia	None/None/2B.3	None	Mojavean desert scrub, Sonoran desert scrub; rocky/perennial herb/Mar-Apr/492-3,590	Not expected to occur. No suitable habitat is present on the project site. Additionally, this perennial shrub would have been observed during surveys if present.
<i>Berberis nevinii</i>	Nevin's barberry	FE/SE/1B.1	Criteria Area Survey Plant Species	Chaparral, Cismontane woodland, Coastal scrub, Riparian scrub; sandy or gravelly/perennial evergreen shrub/(Feb)Mar-June/230-2,705	Not expected to occur. No suitable habitat is present on the project site. Additionally, this perennial shrub would have been observed during surveys if present.
<i>Brodiaea filifolia</i>	thread-leaved brodiaea	FT/SE/1B.1	Criteria Area Survey Plant Species	Chaparral (openings), Cismontane woodland, Coastal scrub, Playas, Valley and foothill grassland, Vernal pools; often clay/perennial bulbiferous herb/Mar-June/82-3,670	Not expected to occur. No suitable playa, grassland, or vernal pool habitats are present on the project site.
<i>Brodiaea orcuttii</i>	Orcutt's brodiaea	None/None/1B.1	Covered	Closed-cone coniferous forest, Chaparral, Cismontane woodland, Meadows and seeps, Valley and foothill grassland, Vernal pools; mesic, clay/perennial bulbiferous herb/May-July/98-5,550	Not expected to occur. No suitable playa, grassland, or vernal pool habitats are present on the project site.
<i>Brodiaea santarosae</i>	Santa Rosa Basalt brodiaea	None/None/1B.2	None	Valley and foothill grassland; basaltic/perennial bulbiferous herb/May-June/1,850-3,425	Not expected to occur. No suitable playa, grassland, or vernal pool habitats are present on the project site.
<i>Calochortus weedii</i> var. <i>intermedius</i>	intermediate mariposa lily	None/None/1B.2	Covered	Chaparral, Coastal scrub, Valley and foothill grassland; rocky, calcareous/perennial bulbiferous herb/May-July/344-2,805	Low potential to occur. Marginally suitable scrub habitat occurs on the project site. Species was not detected during focused surveys in 2021.
<i>Ceanothus ophiophilus</i>	Vail Lake ceanothus	FT/SE/1B.1	Criteria Area Survey Plant Species	Chaparral (gabbroic or pyroxenite-rich outcrops)/perennial evergreen shrub/Feb-Mar/1,900-3,490	Not expected to occur. The project site is outside of the species' known elevation range and there is no suitable vegetation present.

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<i>Ceanothus pendletonensis</i>	Pendleton ceanothus	None/None/1B.2	None	Chaparral, Cismontane woodland; Granitic/perennial shrub/Mar-June/361-2,850	Not expected to occur. No suitable habitat is present on the project site. Additionally, this perennial shrub would have been observed during surveys if present.
<i>Centromadia pungens ssp. laevis</i>	smooth tarplant	None/None/1B.1	Criteria Area Survey Plant Species	Chenopod scrub, Meadows and seeps, Playas, Riparian woodland, Valley and foothill grassland; alkaline/annual herb/Apr-Sep/0-2,095	Low potential to occur. Marginally suitable scrub habitat occurs on the project site. Species was not detected during focused surveys in 2021.
<i>Chaenactis glabriuscula var. orcuttiana</i>	Orcutt's pincushion	None/None/1B.1	None	Coastal bluff scrub (sandy), Coastal dunes/annual herb/Jan-Aug/0-330	Not expected to occur. The project site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Chorizanthe parryi var. parryi</i>	Parry's spineflower	None/None/1B.1	Covered	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland; sandy or rocky, openings/annual herb/Apr-June/902-4,000	Low potential to occur. Limited suitable habitat is present within the project site. The nearest CNDDDB record of this species is less than 3,900 feet north of the project site.
<i>Chorizanthe polygonoides var. longispina</i>	long-spined spineflower	None/None/1B.2	Covered	Chaparral, Coastal scrub, Meadows and seeps, Valley and foothill grassland, Vernal pools; often clay/annual herb/Apr-July/98-5,015	Observed. A small population of 391 individuals were mapped on the project site within a remnant stand of coastal sage scrub. Four occurrences of this species from the CNDDDB were recorded within 3,900 feet north and south of the project site.
<i>Clarkia delicata</i>	delicate clarkia	None/None/1B.2	None	Chaparral, Cismontane woodland; often gabbroic/annual herb/Apr-June/771-3,280	Not expected to occur. No suitable chaparral or woodland habitats occur on the project site.
<i>Clinopodium chandleri</i>	San Miguel savory	None/None/1B.2	Narrow Endemic Plant Species	Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland, Valley and foothill grassland; Rocky, gabbroic or metavolcanic/perennial shrub/Mar-July/394-3,525	Not expected to occur. No suitable habitat is present on the project site. Additionally, this perennial shrub would have been observed during surveys if present.
<i>Comarostaphylis diversifolia ssp. diversifolia</i>	summer holly	None/None/1B.2	None	Chaparral, Cismontane woodland/perennial evergreen shrub/Apr-June/98-2,590	Not expected to occur. No suitable habitat is present on the project site. Additionally, this perennial shrub would have been observed during surveys if present.
<i>Cryptantha wigginsii</i>	Wiggins' cryptantha	None/None/1B.2	None	Coastal scrub; often clay/annual herb/Feb-June/66-900	Not expected to occur. The project site is outside of the species' known elevation range.
<i>Dodecahema leptoceras</i>	slender-horned spineflower	FE/SE/1B.1	Narrow Endemic Plant Species	Chaparral, Cismontane woodland, Coastal scrub (alluvial fan); sandy/annual herb/Apr-June/656-2,490	Not expected to occur. No suitable sandy or alluvial habitats are present on the project site.
<i>Dudleya multicaulis</i>	many-stemmed dudleya	None/None/1B.2	Narrow Endemic Plant Species	Chaparral, Coastal scrub, Valley and foothill grassland; often clay/perennial herb/Apr-July/49-2,590	Low potential to occur. Marginally suitable scrub habitat occurs on the project site. Species was not detected during focused surveys in 2021.
<i>Dudleya viscida</i>	sticky dudleya	None/None/1B.2	Covered	Coastal bluff scrub, Chaparral, Cismontane woodland, Coastal scrub; rocky/perennial herb/May-June/33-1,800	Not expected to occur. No suitable habitat is present on the project site. Additionally, this species was not detected during focused surveys in 2021.
<i>Eryngium aristulatum var. parishii</i>	San Diego button-celery	FE/SE/1B.1	Covered	Coastal scrub, Valley and foothill grassland, Vernal pools; mesic/annual / perennial herb/Apr-June/66-2,030	Not expected to occur. No suitable playa, grassland, or vernal pool habitats are present on the project site.
<i>Geothallus tuberosus</i>	Campbell's liverwort	None/None/1B.1	None	Coastal scrub (mesic), Vernal pools; soil/ephemeral liverwort/N.A./33-1,965	Not expected to occur. No suitable playa, grassland, or vernal pool habitats are present on the project site.
<i>Hesperocyparis forbesii</i>	Tecate cypress	None/None/1B.1	None	Closed-cone coniferous forest, Chaparral; clay, gabbroic or metavolcanic/perennial evergreen tree/N.A./262-4,920	Not expected to occur. No suitable habitat is present on the project site. Additionally, this perennial tree would have been observed during surveys if present.
<i>Horkelia cuneata var. puberula</i>	mesa horkelia	None/None/1B.1	None	Chaparral (maritime), Cismontane woodland, Coastal scrub; sandy or gravelly/perennial herb/Feb-July(Sep)/230-2,655	Not expected to occur. No suitable habitat is present on the project site. Additionally, this species was not detected during focused surveys in 2021.

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<i>Horkelia truncata</i>	Ramona horkelia	None/None/1B.3	None	Chaparral, Cismontane woodland; clay, gabbroic/perennial herb/May-June/1,310-4,265	Not expected to occur. No suitable habitat is present on the project site. Additionally, this species was not detected during focused surveys in 2021.
<i>Juncus luciensis</i>	Santa Lucia dwarf rush	None/None/1B.2	None	Chaparral, Great Basin scrub, Lower montane coniferous forest, Meadows and seeps, Vernal pools/annual herb/Apr-July/984-6,690	Not expected to occur. No suitable scrub, forest, meadow, or vernal pool habitats are present on the project site.
<i>Lasthenia glabrata ssp. coulteri</i>	Coulter's goldfields	None/None/1B.1	Criteria Area Survey Plant Species	Marshes and swamps (coastal salt), Playas, Vernal pools/annual herb/Feb-June/3-4,000	Not expected to occur. No suitable playa, grassland, or vernal pool habitats are present on the project site.
<i>Lepechinia cardiophylla</i>	heart-leaved pitcher sage	None/None/1B.2	Criteria Area Survey Plant Species	Closed-cone coniferous forest, Chaparral, Cismontane woodland/perennial shrub/Apr-July/1,705-4,490	Not expected to occur. The project site is outside of the species' known elevation range and there is no suitable habitat present.
<i>Lilium parryi</i>	lemon lily	None/None/1B.2	Covered	Lower montane coniferous forest, Meadows and seeps, Riparian forest, Upper montane coniferous forest; mesic/perennial bulbiferous herb/July-Aug/4,000-9,005	Not expected to occur. The project site is outside of the species' known elevation range and there is no suitable habitat present.
<i>Limnanthes alba ssp. parishii</i>	Parish's meadowfoam	None/SE/1B.2	Covered	Lower montane coniferous forest, Meadows and seeps, Vernal pools; vernal mesic/annual herb/Apr-June/1,965-6,560	Not expected to occur. The project site is outside of the species' known elevation range and there is no suitable habitat present.
<i>Mielichhoferia shevockii</i>	Shevock's copper moss	None/None/1B.2	None	Cismontane woodland (metamorphic, rock, mesic)/moss/N.A./2,460-4,590	Not expected to occur. The project site is outside of the species' known elevation range and there is no suitable habitat present.
<i>Monardella hypoleuca ssp. intermedia</i>	intermediate monardella	None/None/1B.3	None	Chaparral, Cismontane woodland, Lower montane coniferous forest (sometimes); Usually understory/perennial rhizomatous herb/Apr-Sep/1,310-4,100	Not expected to occur. No suitable habitat is present on the project site. Additionally, this species was not detected during focused surveys in 2021.
<i>Monardella macrantha ssp. hallii</i>	Hall's monardella	None/None/1B.3	Covered	Broadleaved upland forest, Chaparral, Cismontane woodland, Lower montane coniferous forest, Valley and foothill grassland/perennial rhizomatous herb/June-Oct/2,395-7,200	Not expected to occur. The project site is outside of the species' known elevation range.
<i>Navarretia fossalis</i>	spreading navarretia	FT/None/1B.1	Narrow Endemic Plant Species	Chenopod scrub, Marshes and swamps (assorted shallow freshwater), Playas, Vernal pools/annual herb/Apr-June/98-2,145	Not expected to occur. No suitable playa, grassland, or vernal pool habitats are present on the project site.
<i>Navarretia prostrata</i>	prostrate vernal pool navarretia	None/None/1B.2	Criteria Area Survey Plant Species	Coastal scrub, Meadows and seeps, Valley and foothill grassland (alkaline), Vernal pools; Mesic/annual herb/Apr-July/10-3,965	Not expected to occur. No suitable playa, grassland, or vernal pool habitats are present on the project site.
<i>Nolina cismontana</i>	chaparral nolina	None/None/1B.2	None	Chaparral, Coastal scrub; sandstone or gabbro/perennial evergreen shrub/(Mar)May-July/459-4,180	Not expected to occur. No suitable habitat is present on the project site. Additionally, this perennial shrub would have been observed during surveys if present.
<i>Orcuttia californica</i>	California Orcutt grass	FE/SE/1B.1	Narrow Endemic Plant Species	Vernal pools/annual herb/Apr-Aug/49-2,165	Not expected to occur. No suitable vernal pool habitat is present on the project site.
<i>Packera ganderi</i>	Gander's ragwort	None/SR/1B.2	None	Chaparral (burns, gabbroic outcrops)/perennial herb/Apr-June/1,310-3,935	Not expected to occur. No suitable habitat is present on the project site. Additionally, this species was not detected during focused surveys in 2021.
<i>Pseudognaphalium leucocephalum</i>	white rabbit-tobacco	None/None/2B.2	None	Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland; sandy, gravelly/perennial herb/(July)Aug-Nov(Dec)/0-6,885	Low potential to occur. Marginally suitable scrub habitat occurs on the project site. Species was not detected during focused surveys in 2021.
<i>Saltugilia latimeri</i>	Latimer's woodland-gilia	None/None/1B.2	None	Chaparral, Mojavean desert scrub, Pinyon and juniper woodland; rocky or sandy, often granitic, sometimes washes/annual herb/Mar-June/1,310-6,230	Not expected to occur. No suitable habitat is present on the project site. Additionally, this species was not detected during focused surveys in 2021.

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<i>Scutellaria bolanderi</i> <i>ssp. austromontana</i>	southern mountains skullcap	None/None/1B.2	None	Chaparral, Cismontane woodland, Lower montane coniferous forest; mesic/perennial rhizomatous herb/June-Aug/1,390-6,560	Not expected to occur. No suitable habitat is present on the project site. Additionally, this species was not detected during focused surveys in 2021.
<i>Senecio aphanactis</i>	chaparral ragwort	None/None/2B.2	None	Chaparral, Cismontane woodland, Coastal scrub; sometimes alkaline/annual herb/Jan-Apr(May)/49-2,620	Low potential to occur. Marginally suitable scrub habitat occurs on the project site. Species was not detected during focused surveys in 2021.
<i>Sibaropsis hammittii</i>	Hammitt's clay-cress	None/None/1B.2	Narrow Endemic Plant Species	Chaparral (openings), Valley and foothill grassland; clay/annual herb/Mar-Apr/2,360-3,490	Not expected to occur. The project site is outside of the species' known elevation range.
<i>Sidalcea neomexicana</i>	salt spring checkerbloom	None/None/2B.2	None	Chaparral, Coastal scrub, Lower montane coniferous forest, Mojavean desert scrub, Playas; alkaline, mesic/perennial herb/Mar-June/49-5,015	Not expected to occur. No suitable habitat is present on the project site. Additionally, this species was not detected during focused surveys in 2021.
<i>Sphaerocarpos drewiae</i>	bottle liverwort	None/None/1B.1	None	Chaparral, Coastal scrub; openings, soil/ephemeral liverwort/N.A./295-1,965	Not expected to occur. No suitable habitat is present on the project site. Additionally, this species was not detected during focused surveys in 2021.
<i>Symphyotrichum defoliatum</i>	San Bernardino aster	None/None/1B.2	None	Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Meadows and seeps, Marshes and swamps, Valley and foothill grassland (vernally mesic); near ditches, streams, springs/perennial rhizomatous herb/July-Nov(Dec)/7-6,690	Not expected to occur. No suitable habitat is present on the project site. Additionally, this species was not detected during focused surveys in 2021.
<i>Tetracoccus dioicus</i>	Parry's tetracoccus	None/None/1B.2	None	Chaparral, Coastal scrub/perennial deciduous shrub/Apr-May/541-3,280	Not expected to occur. No suitable habitat is present on the project site. Additionally, this perennial shrub would have been observed during surveys if present.
<i>Tortula californica</i>	California screw-moss	None/None/1B.2	None	Chenopod scrub, Valley and foothill grassland; sandy, soil/moss/N.A./33-4,790	Not expected to occur. No suitable habitat is present on the project site. Additionally, this species was not detected during focused surveys in 2021.

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Amphibians					
<i>Anaxyrus californicus</i>	arroyo toad	FE/SSC	Covered	Semi-arid areas near washes, sandy riverbanks, riparian areas, palm oasis, Joshua tree, mixed chaparral and sagebrush; stream channels for breeding (typically third order); adjacent stream terraces and uplands for foraging and wintering	Not expected to occur. The project site does not support suitable aquatic or upland habitat for this species.
<i>Rana draytonii</i>	California red-legged frog	FT, BCC/SSC	Covered	Lowland streams, wetlands, riparian woodlands, livestock ponds; dense, shrubby or emergent vegetation associated with deep, still or slow-moving water; uses adjacent uplands	Not expected to occur. The project site does not support suitable aquatic or upland habitat for this species.
<i>Spea hammondi</i>	western spadefoot	None/SSC	Covered	Primarily grassland and vernal pools, but also in ephemeral wetlands that persist at least 3 weeks in chaparral, coastal scrub, valley-foothill woodlands, pastures, and other agriculture	Not expected to occur. The project site does not support suitable aquatic or upland habitat for this species.

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<i>Taricha torosa</i> (Monterey Co. south only)	California newt	None/SSC	Covered	Wet forests, oak forests, chaparral, and rolling grassland	Not expected to occur. The project site does not support suitable aquatic or upland habitat for this species.
Reptiles					
<i>Actinemys marmorata</i>	western pond turtle	None/SSC	Covered	Slow-moving permanent or intermittent streams, ponds, small lakes, and reservoirs with emergent basking sites; adjacent uplands used for nesting and during winter	Not expected to occur. The project site does not support suitable aquatic or upland habitat for this species.
<i>Anniella stebbinsi</i>	southern California legless lizard	None/SSC	None	Coastal dunes, stabilized dunes, beaches, dry washes, valley-foothill, chaparral, and scrubs; pine, oak, and riparian woodlands; associated with sparse vegetation and moist sandy or loose, loamy soils	Not expected to occur. The project site does not support suitable habitat with scattered brush for this species.
<i>Arizona elegans occidentalis</i>	California glossy snake	None/SSC	None	Arid scrub, rocky washes, grasslands, chaparral, open areas with loose soil	Not expected to occur. The project site does not support suitable sandy habitat with scattered brush for this species.
<i>Aspidoscelis tigris stejnegeri</i>	San Diegan tiger whiptail	None/SSC	Covered	Hot and dry areas with sparse foliage, including chaparral, woodland, and riparian areas.	Low potential to occur. Marginally suitable habitat occurs on the project site. Species was not detected during focused surveys in 2021.
<i>Coleonyx variegatus abbotti</i>	San Diego banded gecko	None/SSC	Covered	Rocky areas within coastal scrub and chaparral	Low potential to occur. Marginally suitable habitat occurs on the project site. Species was not detected during focused surveys in 2021.
<i>Crotalus ruber</i>	red diamondback rattlesnake	None/SSC	Covered	Coastal scrub, chaparral, oak and pine woodlands, rocky grasslands, cultivated areas, and desert flats	Low potential to occur. Marginally suitable habitat occurs on the project site. Species was not detected during focused surveys in 2021.
<i>Phrynosoma blainvillii</i>	Blainville's horned lizard	None/SSC	Covered	Open areas of sandy soil in valleys, foothills, and semi-arid mountains including coastal scrub, chaparral, valley-foothill hardwood, conifer, riparian, pine-cypress, juniper, and annual grassland habitats	Low potential to occur. Marginally suitable habitat occurs on the project site. Species was not detected during focused surveys in 2021.
<i>Salvadora hexalepis virgulata</i>	coast patch-nosed snake	None/SSC	None	Brushy or shrubby vegetation; requires small mammal burrows for refuge and overwintering sites	Low potential to occur. Marginally suitable habitat occurs on the project site. Species was not detected during focused surveys in 2021.
<i>Thamnophis hammondi</i>	two-striped gartersnake	None/SSC	None	Streams, creeks, pools, streams with rocky beds, ponds, lakes, vernal pools	Not expected to occur. The project site does not support suitable aquatic or upland habitat for this species.
Birds					
<i>Agelaius tricolor</i> (nesting colony)	tricolored blackbird	None/SSC, ST	Covered	Nests near freshwater, emergent wetland with cattails or tules, but also in Himalayan blackberry; forages in grasslands, woodland, and agriculture	Not expected to occur. The project site does not support freshwater or emergent wetland habitat that would support nesting for this species.
<i>Aquila chrysaetos</i> (nesting & wintering)	golden eagle	None/FP, WL	Covered	Nests and winters in hilly, open/semi-open areas, including shrublands, grasslands, pastures, riparian areas, mountainous canyon land, open desert rimrock terrain; nests in large trees and on cliffs in open areas and forages in open habitats	Not expected to occur. The project site is surrounded by development and does not contain open areas suitable for nesting or wintering. In addition, there are no cliff-sides or large trees to provide nesting habitat.
<i>Athene cunicularia</i> (burrow sites & some wintering sites)	burrowing owl	None/SSC	Covered	Nests and forages in grassland, open scrub, and agriculture, particularly with ground squirrel burrows	Low potential to occur. The project site supports suitable habitat for burrowing owls. However, this species was not detected during focused, protocol surveys conducted in 2021. There was no evidence of either active habitats presently being used by burrowing owls, or habitats abandoned within the last three years.
<i>Buteo swainsoni</i> (nesting)	Swainson's hawk	None/ST	Covered	Nests in open woodland and savanna, riparian, and in isolated large trees; forages in nearby grasslands and agricultural areas such as wheat and alfalfa fields and pasture	Not expected to occur. The project site is disturbed and surrounded by rural development. It does not support woodlands and open areas suitable for nesting.

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<i>Campylorhynchus brunneicapillus sandiegensis</i> (San Diego & Orange Counties only)	coastal cactus wren	None/SSC	Covered	Southern cactus scrub patches	Not expected to occur. The study area does not contain cactus scrub to support this species.
<i>Charadrius alexandrinus nivosus</i> (nesting)	western snowy plover	FT/SSC	None	On coasts nests on sandy marine and estuarine shores; in the interior nests on sandy, barren or sparsely vegetated flats near saline or alkaline lakes, reservoirs, and ponds	Not expected to occur. The study area does not support aquatic habitat suitable for this species.
<i>Circus hudsonius</i> (nesting)	northern harrier	None/SSC	Covered	Nests in open wetlands (marshy meadows, wet lightly-grazed pastures, old fields, freshwater and brackish marshes); also in drier habitats (grassland and grain fields); forages in grassland, scrubs, rangelands, emergent wetlands, and other open habitats	Not expected to occur. The project site does not contain wetland habitat that would support the nesting of this species.
<i>Coccyzus americanus occidentalis</i> (nesting)	western yellow-billed cuckoo	FT/SE	Covered	Nests in dense, wide riparian woodlands and forest with well-developed understories	Not expected to occur. The project site does not contain dense riparian woodlands that would support this species.
<i>Elanus leucurus</i> (nesting)	white-tailed kite	None/FP	Covered	Nests in woodland, riparian, and individual trees near open lands; forages opportunistically in grassland, meadows, scrubs, agriculture, emergent wetland, savanna, and disturbed lands	Not expected to occur. The project site does not support woodlands or riparian areas near open lands for this species to nest. Species was not detected during focused surveys in 2021.
<i>Haliaeetus leucocephalus</i> (nesting & wintering)	bald eagle	FPD/FP, SE	Covered	Nests in forested areas adjacent to large bodies of water, including seacoasts, rivers, swamps, large lakes; winters near large bodies of water in lowlands and mountains	Not expected to occur. The study area does not support forested areas near aquatic habitat for this species to nest and/or winter.
<i>Icteria virens</i> (nesting)	yellow-breasted chat	None/SSC	Covered	Nests and forages in dense, relatively wide riparian woodlands and thickets of willows, vine tangles, and dense brush	Not expected to occur. The project site does not contain dense riparian woodlands that would support this species.
<i>Lanius ludovicianus</i> (nesting)	loggerhead shrike	None/SSC	Covered	Nests and forages in open habitats with scattered shrubs, trees, or other perches	Low potential to occur. The project site supports some suitable habitat (shrubs with open habitat) for this species to nest; however, it is an isolated stand because it is surrounded by development. Species was not detected during focused surveys in 2021.
<i>Polioptila californica californica</i>	coastal California gnatcatcher	FT, BCC/SSC	Covered	Nests and forages in various sage scrub communities, often dominated by California sagebrush and buckwheat; generally avoids nesting in areas with a slope of greater than 40%; majority of nesting at less than 1,000 feet above mean sea level	Low potential to occur. Marginally suitable sage scrub-chaparral habitat occurs on the project site. This marginally suitable habitat is isolated and surrounded by development. Additionally, the species was not detected during other focused surveys in 2021.
<i>Vireo bellii pusillus</i> (nesting)	least Bell's vireo	FE/SE	Covered	Nests and forages in low, dense riparian thickets along water or along dry parts of intermittent streams; forages in riparian and adjacent shrubland late in nesting season	Low potential to occur. Marginally suitable riparian habitat occurs on the project site. The nearest key population is located at Lake Skinner approximately 5.1 miles southeast of the project site (CDFW 2021).
Fishes					
<i>Gila orcuttii</i>	arroyo chub	None/SSC	Covered	Warm, fluctuating streams with slow-moving or backwater sections of warm to cool streams at depths >40 centimeters (16 inches); substrates of sand or mud	Not expected to occur. The project site does not support aquatic habitat for this species.
Mammals					
<i>Antrozous pallidus</i>	pallid bat	None/SSC	None	Grasslands, shrublands, woodlands, forests; most common in open, dry habitats with rocky outcrops for roosting, but also roosts in man-made structures and trees	Low potential to occur. The study area supports marginal shrubland vegetation community suitable for foraging; however, the stand is isolated and surrounded by development.

Wildlife Species Potential to Occur

Scientific Name	Common Name	Status (Federal/State)	Western Riverside MSHCP	Habitat	Potential to Occur
<i>Chaetodipus californicus femoralis</i>	Dulzura pocket mouse	None/SSC	None	Open habitat, coastal scrub, chaparral, oak woodland, chamise chaparral, mixed-conifer habitats; disturbance specialist; 0 to 3,000 feet above mean sea level	Low potential to occur. The project site supports marginally suitable habitat (coastal scrub, but completely surrounded by development) for this species.
<i>Chaetodipus fallax fallax</i>	northwestern San Diego pocket mouse	None/SSC	Covered	Coastal scrub, mixed chaparral, sagebrush, desert wash, desert scrub, desert succulent shrub, pinyon-juniper, and annual grassland	Low potential to occur. The project site supports marginally suitable habitat (coastal scrub, but completely surrounded by development) for this species.
<i>Dasypterus xanthinus</i>	western yellow bat	None/SSC	None	Valley-foothill riparian, desert riparian, desert wash, and palm oasis habitats; below 2,000 feet above mean sea level; roosts in riparian and palms	Not expected to occur. The project site contains only marginal riparian scrub, but does not contain desert wash or palm habitat suitable for this species.
<i>Dipodomys merriami parvus</i>	San Bernardino kangaroo rat	FE/SSC, SCE	Covered	Sparse scrub habitat, alluvial scrub/coastal scrub habitats on gravelly and sandy soils near river and stream terraces	Not expected to occur. The project site does not support suitable habitat for this species.
<i>Dipodomys stephensi</i>	Stephens' kangaroo rat	FE/ST	Covered	Annual and perennial grassland habitats, coastal scrub or sagebrush with sparse canopy cover, or in disturbed areas	Low potential to occur. The project site supports limited annual grassland habitat suitable for this species (isolated and surrounded by development). The species has been documented as occurring within the region; however, this historic occurrence (1988) is unlikely to have persisted.
<i>Eumops perotis californicus</i>	western mastiff bat	None/SSC	None	Chaparral, coastal and desert scrub, coniferous and deciduous forest and woodland; roosts in crevices in rocky canyons and cliffs where the canyon or cliff is vertical or nearly vertical, trees, and tunnels	Not expected to occur. The study area supports marginally suitable foraging habitat and lacks suitable roosting habitat.
<i>Lepus californicus bennettii</i>	San Diego black-tailed jackrabbit	BCC/SSC	Covered	Arid habitats with open ground; grasslands, coastal scrub, agriculture, disturbed areas, and rangelands	Low potential to occur. The project site contains disturbed landscapes suitable for this species. This species was not observed during focused surveys conducted in 2021.
<i>Neotoma lepida intermedia</i>	San Diego desert woodrat	None/SSC	Covered	Coastal scrub, desert scrub, chaparral, cacti, rocky areas	Low potential to occur. The project site supports marginally suitable scrub and rock habitat for this species; however, this region is surrounded by development. No woodrat middens were observed within the project site.
<i>Nyctinomops femorosaccus</i>	pocketed free-tailed bat	None/SSC	None	Pinyon-juniper woodlands, desert scrub, desert succulent shrub, desert riparian, desert wash, alkali desert scrub, Joshua tree, and palm oases; roosts in high cliffs or rock outcrops with drop-offs, caverns, and buildings	Not expected to occur. The project site does not support desert riparian or desert wash habitats suitable for this species.
<i>Onychomys torridus ramona</i>	southern grasshopper mouse	None/SSC	None	Grassland and sparse coastal scrub	Low potential to occur. The project site supports marginally suitable grassland habitat for this species and is surrounded by development.
<i>Perognathus longimembris brevinasus</i>	Los Angeles pocket mouse	None/SSC	Covered	Lower-elevation grassland, alluvial sage scrub, and coastal scrub	Low potential to occur. The project site supports marginally suitable grassland habitat for this species and is surrounded by rural development.
<i>Perognathus longimembris internationalis</i>	Jacumba pocket mouse	None/SSC	None	Desert scrub and sparse sage scrub in areas with fine sandy soils	Not expected to occur. The project site does not support suitable desert scrub or sparse sage scrub habitat with fine sandy soils.
Invertebrates					
<i>Branchinecta lynchi</i>	vernal pool fairy shrimp	FT/None	Covered	Vernal pools, seasonally ponded areas within vernal swales, and ephemeral freshwater habitats	Not expected to occur. The project site does not support vernal pools suitable for this species. In addition, soils mapped on the site are well-draining and not susceptible to prolonged inundation.

Wildlife Species Potential to Occur

Scientific Name	Common Name	Status (Federal/State)	Western Riverside MSHCP	Habitat	Potential to Occur
<i>Branchinecta sandiegonensis</i>	San Diego fairy shrimp	FE/None	None	Vernal pools, non-vegetated ephemeral pools	Not expected to occur. The project site does not support vernal pools suitable for this species. In addition, soils mapped on the site are well-draining and not susceptible to prolonged inundation.
<i>Euphydryas editha quino</i>	quino checkerspot butterfly	FE/None	Covered	Annual forblands, grassland, open coastal scrub and chaparral; often soils with cryptogamic crusts and fine-textured clay; host plants include <i>Plantago erecta</i> , <i>Antirrhinum coulterianum</i> , and <i>Plantago patagonica</i> (Silverado Occurrence Complex)	Not expected to occur. The project site supports marginally suitable habitat (coastal scrub, but lacks cryptogamic crusts). Additionally, no known host plants are present on the project site.
<i>Streptocephalus woottoni</i>	Riverside fairy shrimp	FE/None	Covered	Vernal pools, non-vegetated ephemeral pools	Not expected to occur. The project site does not support vernal pools suitable for this species. In addition, soils mapped on the site are well-draining and not susceptible to prolonged inundation.