

Type	Scientific Name	Common Name	Federal	State	CDFW	CNPS	Habitat Description	Habitat Present	Determination
Amphibian	<i>Rana draytonii</i>	California Red-Legged Frog	Threatened	None	SSC		Species occurs in lowlands and foothills in or near permanent sources of deep water with dense, shrubby or emergent riparian vegetation. Requires 11-20 weeks of permanent water for larval development and must have access to estivation habitat; estivation occurs late summer-early winter. Breeds from January-July Occurs from elevations near sea level to 5,200 feet. Inhabits rocky streams in a variety of foothill habitats including valley-foothill riparian, valley-foothill hardwood, and wet meadows. Egg clusters attach to gravel and rocks in moving water near stream margins. Breeds mid-March to May. Occurs in elevations from near sea level to 6370 feet	Yes	Potential to occur. Suitable habitat exists in or near project sites however there are no documented occurrences within city limits.
Amphibian	<i>Rana boylei</i>	Foothill Yellow-Legged Frog	None	Candidate Threatened	SSC		Inhabits burrows within grassland and valley foothill hardwood woodland communities. Requires vernal, shallow, temporary pools formed by heavy winter rains for reproduction. Breeds late winter-March.	Yes	Potential to occur. Suitable habitat exists in or near project sites however there are no documented occurrences within city limits.
Amphibian	<i>Spea hammondi</i>	Western Spadefoot	None	None	SSC		Species occurs near large freshwater and saltwater lakes. Migrant flocks leave northeastern California from October to March. Nests are built on isolated islands in lakes. Breeds March-April.	Yes	Potential to occur. Suitable habitat exists in or near project sites however there are no documented occurrences within city limits.
Bird	<i>Pelecanus erythrorhynchos</i>	American White Pelican	None	None	SSC		Species occurs near ocean shores, lakes, rivers, rangelands and coastal wetlands for nesting and wintering; nesting occurs within 1 mile of a water source with abundant fish near mountain forests and woodlands. Prefers ponderosa pines for nesting. Breeds January-August.	No	Presumed Absent. Suitable freshwater or saltwater habitat is not present on the project sites and there are no recorded occurrences within city limits.
Bird	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Delisted	Endangered	FP		Species occurs in tidal emergent wetlands dominated by pickleweed, in brackish marshes dominated by bulrushes with pickleweed and in freshwater wetlands dominated by bulrushes, cattails, and saltgrass. Species prefers high wetland areas, away from areas experiencing fluctuating water levels. Requires vegetation providing adequate overhead cover for nesting. Eggs are laid March-June.	No	Presumed Absent. The City does not contain a body of water large enough to provide suitable habitat. Nearest documented occurrences are at Folsom Lake.
Bird	<i>Laterallus jamaicensis coturniculus</i>	California Black Rail	None	Threatened	FP		Species occurs in forest and woodland habitats below 9000 feet excluding deserts, the Central Valley, and other lowland valleys and basins. Requires large, tall trees, primarily conifers, for nesting.	Yes	Potential to occur. Suitable habitat is present on the project sites and there are documented occurrences within city limits.
Bird	<i>Contopus cooperi</i>	Olive-Sided Flycatcher	None	None	SSC		Species occurs in large lakes and open waters. Nests in tall, emergent vegetation with open water nearby. Breeds April-May	No	Presumed Absent. Suitable habitat is not present on the project sites and no recorded occurrences within city limits.
Bird	<i>Aythya americana</i>	Redhead	None	None	SSC		Species occurs in northern California during summer. Prefers redwood and Douglas fir habitats. Nests on vertical inner wall of large, hollow trees, occasionally chimneys and buildings. Breeds May-August.	No	Presumed Absent. Suitable habitat is not present on the project sites and no recorded occurrences within city limits.
Bird	<i>Chaetura vauxi</i>	Vaux's Swift	None	None	SSC		Species occurs in wet meadow and montane riparian areas between 2000-8000 feet. Occurs in riparian habitats at lower elevations during spring and fall migration. Peak breeding in June.	No	Presumed Absent. Species occurs at an elevation above the range within the City therefore suitable habitat is not present on the project sites. Additionally there have been no recorded occurrences within city limits.
Bird	<i>Empidonax traillii</i>	Willow Flycatcher	None	Endangered	-		Species occurs in riparian, lacustrine, and coastal area with vertical banks, bluffs, and cliffs. Requires vertical banks and cliffs with fine-textured or sandy soils near streams, rivers, ponds, and ocean for nesting. Feeds primarily over grassland, shrubland, savannah, cropland, and open riparian areas. Breeds May-July. Migrant flocks arrive in California in March and leave by mid-September.	No	Presumed Absent. Suitable habitat of vertical banks or cliffs is not present in or near the project sites. Additionally there have been no documented occurrences within city limits.
Bird	<i>Riparia riparia</i>	Bank Swallow	None	Threatened	-		Species occurs in woodland, forests, wetlands, riparian, and coastal habitats. Requires protected cliffs and ledges for cover. Breeds near wetlands, lakes, rivers, or other water on high cliffs, banks, dunes, mounds, or tall human structures. Breeds early March to late August.	No	Presumed Absent. Suitable habitat of protected cliffs and ledges is not present on the project sites and there are no recorded occurrences within city limits.
Bird	<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Delisted	Delisted	FP	-	Species occurs near fresh emergent wetlands in spring and summer. Migrant flocks arrive in California in April-May and leave in June-September. Breeds from May to August.	No	Potential to occur. Potentially suitable habitat exists in or near project sites however there are no documented occurrences within city limits.
Bird	<i>Chlidonias niger</i>	Black Tern	None	None	SSC			Yes	Potential to occur. Potentially suitable habitat exists in or near project sites however there are no documented occurrences within city limits.

Bird	<i>Ammodramus savannarum</i>	Grasshopper Sparrow	None	None	SSC	Species occurs in dry or well drained, dense grasslands on rolling hills, lowland plains, and valleys and hillsides on lower mountain slopes. Requires thick cover of native grasslands, preferably comprised of grasses, tall forbs and scattered shrubs. Species may form small groups when nesting. Breeds April-July. Species occurs in riparian deciduous areas in summer. During migration, species occurs in woodland, forest, and shrub habitats. Also breeds in open conifer forests. Arrives in California in April and is mostly gone by October. Breeds from mid-April to early August with peak activity in June.	Yes	Potential to occur. Potentially suitable habitat exists in or near project sites however there are no documented occurrences within city limits.
Bird	<i>Setophaga petechia</i>	Yellow Warbler	None	None	SSC	Species occurs in valley foothill riparian areas up to 4,800 feet in California. Requires riparian thickets for cover. Breeds from early May to early August with peak activity in June.	Yes	Potential to occur. Potentially suitable habitat is present in or near project sites.
Bird	<i>Icteria virens</i>	Yellow-Breasted Chat	None	None	SSC	Species occurs in arid, open areas with sparse vegetation cover such as deserts, abandoned agricultural areas, grasslands, and disturbed open habitats. Requires friable soils for burrow construction. Occurs in elevations below 5,300 feet.	Yes	Potential to occur. Potentially suitable habitat is present in or near project sites.
Bird	<i>Athene cunicularia</i>	Burrowing Owl	None	None	SSC	Species occurs in foothills and lowlands throughout California. Frequents open habitats with sparse shrubs and trees, other suitable perches, bare ground, and low or sparse herbaceous cover. Lays eggs March-May and young become independent July-August.	Yes	Potential to occur. Suitable habitat exists in or near project sites however there are no documented occurrences within city limits.
Bird	<i>Lanius ludovicianus</i>	Loggerhead Shrike	None	None	SSC	Species occurs in annual grassland up to lodgepole pine and alpine meadow from 0- 5700 feet. Frequents meadows, grasslands, open rangelands, desert sinks, and fresh and saltwater emergent wetlands. Nests on ground in shrubby vegetation, in emergent wetland, along rivers and lakes, and in grasslands. Breeds April to September. Present in California as a summer migrant, arriving in March and departing by late September. Inhabits valley foothill and montane hardwood/hardwood-conifer, coniferous habitats and riparian habitats. Nests in tall, old, isolated trees or snags in open forest or woodland and in proximity to a body of water. Frequently nests within former woodpecker cavities; may nest in human-made structures such as nesting boxes, under bridges and in culverts. Needs abundant aerial insect prey. Breeds April-August.	Yes	Potential to occur. Suitable habitat exists in or near project sites however there are no documented occurrences within city limits.
Bird	<i>Circus hudsonius</i>	Northern Harrier	None	None	SSC	Inhabits grasslands with scattered trees, juniper-sage flats, riparian areas, savannahs, and agricultural or ranch lands with groves or lines of trees. Requires adjacent suitable foraging areas such as grasslands, alfalfa or grain fields that support a stable rodent prey base. Breeds March to late August.	Yes	Potential to occur. Suitable habitat exists in or near project sites however there are no documented occurrences within city limits.
Bird	<i>Progne subis</i>	Purple Martin	None	None	SSC	Inhabits freshwater marsh, swamp and wetland communities, but may utilize agricultural or upland habitats that can support large colonies, often in the Central Valley area. Requires dense nesting habitat that is protected from predators, is within 35 miles from a suitable foraging area containing insect prey and is within 0.3 miles of open water. Suitable foraging includes wetland, pastureland, rangeland, at dairy farms, and some irrigated croplands (silage, alfalfa, etc.). Nests mid-March - early August, but may extend until September.	Yes	Potential to occur. Suitable habitat exists in or near project sites and there are documented occurrences within city limits.
Bird	<i>Buteo swainsoni</i>	Swainson's Hawk	None	Threatened	-	Species occurs in coastal and valley lowland. Inhabits herbaceous and open stages of most habitats mostly in cismontane California. Rarely found away from agricultural areas. Prefers open grasslands, meadows or marshes for foraging close to isolated, dense topped trees for nesting and perching. Breeds February- October. Species occurs in Central Valley and coast ranges west of the Central Valley. Nests in fresh emergent wetland with dense vegetation and deep water. Forages in emergent wetland and moist, open areas such as cropland and muddy shores. Breeds mid-April to late July.	Yes	Potential to occur. Suitable habitat exists in or near project sites and there are documented occurrences within city limits.
Bird	<i>Agelaius tricolor</i>	Tricolored Blackbird	None	Candidate Endangered	SSC	Species occurs in coastal and valley lowland. Inhabits herbaceous and open stages of most habitats mostly in cismontane California. Rarely found away from agricultural areas. Prefers open grasslands, meadows or marshes for foraging close to isolated, dense topped trees for nesting and perching. Breeds February- October. Species occurs in Central Valley and coast ranges west of the Central Valley. Nests in fresh emergent wetland with dense vegetation and deep water. Forages in emergent wetland and moist, open areas such as cropland and muddy shores. Breeds mid-April to late July.	Yes	Potential to occur. Potentially suitable habitat is present on project sites and there are documented occurrences within City limits.
Bird	<i>Elanus leucurus</i>	White-Tailed Kite	None	None	FP		Yes	Potential to occur. Potentially suitable habitat is present in or near project sites however there are no documented occurrences within city limits.
Bird	<i>Xanthocephalus xanthocephalus</i>	Yellow-Headed Blackbird	None	None	SSC		Yes	Potential to occur. Potentially suitable habitat is present in or near project sites however there are no documented occurrences within city limits.

Bird	Melospiza melodia	Song Sparrow ("Modesto" Population)	None	None	SSC	-	Species occurs in north-central portion of the Central Valley in riparian, fresh or saline emergent wetland, and wet meadow habitats. Nests in dense riparian thickets, emergent wetlands, or dense thickets in other moist situations. Breeds mid-March to early August. South-central steelhead utilize rivers and creeks from Tajo River south to Santa Maria River. Spawning occurs in coastal watersheds while rearing occurs in freshwater or estuary habitats prior to migrating to the ocean in the winter and spring. Preferred spawning sites contain gravel substrate with sufficient water flow and riverine cover. Rearing habitat contains sufficient feeding with associated riparian forest containing willow and cottonwoods. Migration upstream for reproduction occurs from October-May with spawning occurring January - April.	Yes	Potential to occur. Potentially suitable habitat is present in or near project sites however there are no documented occurrences within city limits.
Fish	Oncorhynchus mykiss irideus	Steelhead - Central Valley DPS	Threatened	None	-		Species occurs exclusively in elderberry shrubs as host plants. Typically occurs in moist valley oak woodlands associated with riparian corridors in the lower Sacramento River and upper San Joaquin River drainages.	Yes	Potential to occur. Potentially suitable habitat is present on project sites and there are documented occurrences within City limits.
Insect	Desmocerus californicus dimorphus	Valley Elderberry Longhorn Beetle	Threatened	None	-		Species occurs in relatively rather large, cool-water vernal pools with moderately turbid water. Requires pools to continuously hold water for a minimum of 19 days and must remain inundated into the summer months.	Yes	Potential to occur. Potentially suitable habitat is present within the City and there is one documented occurrence within City limits.
Invertebrate	Branchinecta conservatio	Conservancy Fairy Shrimp	Endangered	None	-		Species occurs in smaller and shallower cool-water vernal pools approximately 6 inches deep with short periods of inundation. Prefers pools with low to moderate levels of alkalinity and total dissolved solids. Requires temperatures below 50 F to hatch and dies at temperatures above 75 F.	Yes	Potential to occur. Potentially suitable habitat is present in or near project sites however there are no documented occurrences within city limits.
Invertebrate	Branchinecta lynchi	Vernal Pool Fairy Shrimp	Threatened	None	-		Inhabits vernal pools and swales containing clear to highly turbid waters such as pools located in grass bottomed swales of unplowed grasslands, old alluvial soils underlain by hardpan, and mud bottomed pools with highly turbid water.	Yes	Potential to occur. Potentially suitable habitat is present on project sites and there are documented occurrences within City limits.
Invertebrate	Lepidurus packardii	Vernal Pool Tadpole Shrimp	Endangered	None	-		Species occurs in all habitats throughout the state, most abundant in drier open stages of most shrub, forest, and herbaceous habitats.	Yes	Potential to occur. Potentially suitable habitat is present on project sites however there are no documented occurrences within City limits.
Mammal	Taxidea taxus	American Badger	None	None	SSC		Young are born in burrows dug in relatively dry, often sandy soil, usually in areas with sparse overstory cover.	Yes	Potential to occur. Suitable habitat exists in or near project sites however there are no documented occurrences within city limits.
Mammal	Corynorhinus townsendii	Townsend's big-eared bat	None	None	SSC		Species occurs in all habitats except subalpine and alpine habitats, most abundant in mesic habitats. Requires caves, mines, tunnels, buildings, or other human-made structures for roosting. Mating occurs in November-February and births occur in May-June.	Yes	Potential to occur. Suitable habitat exists in or near project sites however there are no documented occurrences within city limits.
Mammal	Antrozous pallidus	Pallid Bat	None	None	SSC		Occurs in gabbroic or serpentinite soils in chaparral and cismontane woodland habitats. Elevation 804-3,576 feet. Blooms April-June.	Yes	Potential to occur. Potentially suitable habitat exists in or near project sites however there are no documented occurrences within city limits.
Plant	Ceanothus roderickii	Pine Hill Ceanothus	Endangered	Rare	-	1B.1	Occurs in gabbroic or serpentinite soils in chaparral and cismontane woodland habitats. Elevation 600-3,576 feet. Blooms April-July.	No	Presumed Absent. Species occurs at an elevation above the range within the City therefore suitable habitat is not present on the project sites. Additionally there have been no recorded occurrences within city limits.
Plant	Calystegia stebbinsii	Stebbins' Morning-Glory	Endangered	Endangered	-	1B.1	Occurs in gabbroic or serpentinite soils in chaparral, cismontane woodland, and lower montane coniferous forte habitats. Elevation 1,444-2,526 feet. Blooms March-June	No	Presumed Absent. Species occurs at an elevation above the range within the City therefore suitable habitat is not present on the project sites. Additionally there have been no recorded occurrences within city limits.
Plant	Carex xerophila	chaparral sedge	None	None	-	1B.2		No	Presumed Absent. Species occurs at an elevation above the range within the City therefore suitable habitat is not present on the project sites. Additionally there have been no recorded occurrences within city limits.

Reptile	<i>Emys marmorata</i>	western pond turtle	None	None	SSC	A fully aquatic turtle of ponds, marshes, rivers, streams and irrigation ditches with aquatic vegetation. Requires basking sites and suitable upland habitat (sandy banks or grassy open field) for reproduction (sea level to 4,690 feet).	Yes	Potential to occur. Potentially suitable habitat exists in or near project sites and there are documented occurrences within city limits.
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