Regional Species and Habitats of Concern

Scientific Name	Common Name	Status[1]	Habitat Present/ Absent[2]	Species Presence/ Absence[2]	Rationale
INVERTEBRATES					
Syncaris pacifica	California freshwater shrimp	FE/SE	P	A	Unlikely, records of California freshwater shrimp indicate that they were once present in Laguna de Santa Rosa, but the population is considered extirpated from the area.
Carterocephalus palaemon	Sonoma arctic skipper	FSC	A	A	Unlikely, no redwood forest habitat affected.
*Hydrochara ricksecker*i	Ricksecker's water scavenger beetle	FSC	P	P	Possible, suitable riparian habitat at Laguna de Santa Rosa may be present.
Linderiella occidentalis	California linderiella fairy shrimp	FSC	P	P	Possible, vernal pool habitat is found near the project area.
FISH					
Oncorhynchus kisutch	Central California Coast Coho salmon	FT/SE	P	P	Possible, range of Coho includes Laguna de Santa Rosa.
Oncorhynchus mykiss	Central California Coast steelhead	FT	P	P	Possible, range of steelhead includes Laguna de Santa Rosa.
Oncorhynchus mykiss	Central Valley steelhead	FT	P	P	Possible, range of steelhead includes Laguna de Santa Rosa.
Oncorhynchus tshawytscha	California Coastal Chinook salmon	FT	P	P	Possible, but doesn't appear to be in range of Laguna de Santa Rosa.

Regional Species and Habitats of Concern

Scientific Name	Common Name	Status[1]	Habitat Present/ Absent[2]	Species Presence/ Absence[2]	Rationale
Hysterocarpus traski pomo	Russian River tule perch	FSC/ SSC	P	P	Possible, Laguna de Santa Rosa is a tributary of Santa Rosa Creek, which drains into the Russian River. However, Laguna de Santa Rosa is about 10 miles upstream of the Russian River.
Lampetra tridentata	Pacific lamprey	FSC	A	A	Unlikely, no bay or estuarine habitat affected.
Pogonichthys macrolepidotus	Sacramento splittail	FSC/ SSC	A	A	Unlikely, no bay, marsh, or estuarine habitat affected.
AMPHIBIANS					
Ambystoma californiense	California tiger salamander	FT/ SSC	P	A	Unlikely, project lies in Laguna de Santa Rosa floodplain. USFWS does not consider floodplains and seasonal pools subject to flooding potential CTS habitat.
Rana aurora draytonii	California red-legged frog	FT/ SSC	P	A	Unlikely, outside of CRLF typical range.
Rana aurora aurora	Northern red-legged frog	FSC	P	P	Possible, suitable riparian habitat occurs within Laguna de Santa Rosa.
Rana boylii	Foothill yellow-legged frog	FSC/ SSC	P	P	Possible, suitable riparian habitat occurs within Laguna de Santa Rosa.
REPTILES					
Emmys (=Clemmys) marmorata marmorata	Northwestern pond turtle	FSC/ SSC	P	P	Possible, suitable aquatic habitat occurs within the action area.
Phrynosoma coronatum frontale	California horned lizard	FSC/ SSC	A	A	Unlikely, no lowland habitat with sandy wash and scattered low bushes affected.
BIRDS					

Regional Species and Habitats of Concern

Scientific Name	Common Name	Status[1]	Habitat Present/ Absent[2]	Species Presence/ Absence[2]	Rationale
Haliaeetus leucocephalus	Bald eagle	FT/SE	A	A	Unlikely, no nesting habitat near lakes or rivers affected.
Strix occidentalis caurina	Northern spotted owl	FT	A	A	Unlikely, no forest or canyon habitat affected.
Coccyzus americanus occidentalis	Western yellow-billed cuckoo	FC/SE	P	P	Possible, riparian habitat for nesting may be present at Laguna de Santa Rosa.
Agelaius tricolor	Tricolored blackbird	FSC/ SSC	P	P	Possible, riparian habitat for nesting may be present at Laguna de Santa Rosa.
Athene cunicularia hypugaea	Western burrowing owl	FSC/ SSC	A	A	Unlikely, no burrowing grassland habitat found on site.
Baeolophus inornatus	Oak titmouse	SLC	P	P	Possible, several oak trees that can provide suitable nesting habitat are found within and near the project area.
Chaetura vauxi	Vaux's swift	FSC	A	A	Unlikely, no redwood or fir forest habitat affected.
Cypseloides niger	Black swift	FSC/ SSC	A	A	Unlikely, no mountain/cliff habitat affected.
Elanus leucurus	White-tailed (=black-shouldered) kite	FSC	A	A	Unlikely, no grassland habitat affected.
Empidonax traillii brewsteri	Little willow flycatcher	FE/SE	A	A	Unlikely, no swampland or pasture habitat affected.
Falco mexicanus	Prairie falcon	SSC	A	A	Unlikely, no barren mountain, dry plain, or prairie habitat affected.
Falco peregrinus anatum	American peregrine falcon	FE/SE	A	A	Unlikely, animal not observed in project area.
Lanius ludovicianus	Loggerhead shrike	FSC/ SSC	A	A	Unlikely, no dense shrub or brush nesting habitat affected.
Numenius americanus	Long-billed curlew	FSC	A	A	Unlikely, no shoreline habitat affected.

Regional Species and Habitats of Concern

Scientific Name	Common Name	Status[1]	Habitat Present/ Absent[2]	Species Presence/ Absence[2]	Rationale
Riparia riparia	Bank swallow	FSC/ ST	P	P	Possible, riparian nesting habitat may be present at Laguna de Santa Rosa.
Selasphorus sasin	Allen's hummingbird	FSC	A	A	Unlikely, no forest, chaparral habitat affected.
Toxostoma redivivum	California thrasher	FSC	A	A	Unlikely, no chaparral habitat affected.
MAMMALS					
Corynorhinus townsendii townsendii	Pacific western big-eared bat	FSC/ SSC	A	A	Unlikely, no caves or forest habitat affected.
Eumops perotis californicus	Greater western mastiff bat	SSC	A	A	Unlikely, no cliff or canyon habitat affected.
Myotis evotis	Long-eared myotis bat	FSC	A	A	Unlikely, no coniferous forest habitat affected.
Myotis thysanodes	Fringed myotis bat	FSC	A	A	Unlikely, no caves or forest habitat affected.
Myotis volans	Long-legged myotis bat	FSC	A	A	Unlikely, no forest habitat affected.
Myotis yumanensis	Yuma myotis bat	FSC	P	P	Possible, riparian nesting habitat may be present at Laguna de Santa Rosa.
PLANTS					
Alopecurus aequalis sonomensis	Sonoma alopecurus	FE	P	P	Possible, riparian scrub habitat is present near the project area.
Astragalus clarianus	Clark's Hunt milk-vetch	FE/ST	A	A	Unlikely, there are no historical records of Clark Hunt's milk-vetch near the project area.

Regional Species and Habitats of Concern

Scientific Name	Common Name	Status[1]	Habitat Present/ Absent[2]	Species Presence/ Absence[2]	Rationale
Blennosperma bakeri	Baker's stickyseed (Sonoma sunshine)	FE/SE	P	P	Possible, vernal pool habitat is present near the project area.
Carex albida	White sedge	FE/SE	P	P	Possible, wet meadow habitat may be affected.
Chorizanthe valida	Sonoma spineflower	FE/SE	P	P	Possible, there is a historical occurrence of Sonoma spineflower nearby.
Clarkia imbircata	Vine Hill clarkia	FE/SE	A	A	Unlikely, no chaparral of grassland habitat affected.
Cordylanthus tenuis ssp. *capillaris*	Pennel's bird's-beak	FE/SE	A	A	Unlikely, the only two known occurrences in Sonoma County are not near the project area.
Delphinium luteum	Yellow larkspur	FE/SE	A	A	Unlikely, no chaparral, coastal prairie, or coastal scrub habitat affected.
Eryngium constancei	Loch Lomond coyote-thistle	FE/ST	A	P	Possible, vernal pool habitat is present near the project area.
Lasthenia burkei	Burke's goldfields	FE/SE	P	P	Possible, vernal pool habitat is present near the project area.
Lilium pardalinum pitkinense	Pitkin Marsh lily	FE/SE	A	A	Unlikely, no cismontane woodland, meadows and seeps, or freshwater marsh affected.
Limnanthes vinculans	Sebastopol meadowfoam	FE/SE	P	P	Possible, vernal pool habitat is present near the project area.
Trifolium amoenum	Showy Indian clover	FE	A	A	Unlikely, no valley or foothill grassland or coastal bluff scrub habitat affected.
Campanula californica	Swamp harebell	FSC	A	A	Unlikely, no bog or marsh habitat affected.

Regional Species and Habitats of Concern

Scientific Name	Common Name	Status[1]	Habitat Present/ Absent[2]	Species Presence/ Absence[2]	Rationale
Castilleja uliginosa	Pitkin marsh Indian paintbrush	SE	A	A	Unlikely, no freshwater marsh habitat affected.
Ceanothus confusus	Rincon Ridge ceanothus	FSC	A	A	Unlikely, no forest or chaparral habitat affected.
Ceanothus foliosus vineatus	Vine Hill ceanothus	FSC	A	A	Unlikely, no chaparral habitat affected.
Downingia pusilla	Dwarf downingia	CNPS	P	P	Possible, vernal pool habitat is present near the project area.
Horkelia tenuiloba	Thin-lobed (Santa Rosa) horkelia	FSC	P	P	Possible, there is a historical occurrence of thin-lobed horkelia near the project area.
Lasthenia macrantha bakeri	Baker's goldfields	SLC	P	P	Possible, there is a historical occurrence of Baker's goldfields near the project.
Legenere limosa	Legenere	FSC	P	P	Possible, vernal pool habitat is present near the project.
Linanthus jepsonii	Jepson's linanthus	FSC	A	A	Unlikely, no chaparral or woodland habitat affected.
Microseris paludosa	Marsh microseris (=marsh silverpuffs)	SLC	A	A	Unlikely, no forest, woodland, or coastal scrub habitat affected.
Navarretia leucocephala bakeri	Baker's navarretia	FSC	A	A	Unlikely, no forest, woodland, or coastal scrub habitat affected.
Pleuropogon hooverianus	Northcoast semaphore grass	FSC/ ST	A	A	Unlikely, no forest or meadow or seep habitat affected.

Regional Species and Habitats of Concern

Scientific Name	Common Name	Status[1]	Habitat Present/ Absent[2]	Species Presence/ Absence[2]	Rationale
Rhynchospora californica	California beaked-rush	FSC	A	A	Unlikely, no freshwater seep or open marshy area affected.
Rhynchospora capitellata	Brownish beaked-rush	CNPS	A	A	Unlikely, no freshwater seep or open marshy area affected.
Rhynchospora globularis globularis	Round-headed beaked-rush	CNPS	A	A	Unlikely, no marsh or swamp habitat affected.
Trifolium depauperatum var. *hydrophilum*	Water sack (=saline) clover	FSC	P	P	Possible, vernal pool habitat is present near the project area.

[1]Status Code

CNPS California Native Plant Society
FC Federal candidate
FE Federal endangered
FPE Federal proposed endangered
FPT Federal proposed threatened
FSC Federal species of concern
FT Federal Threatened
SE State Endangered
SLC Species of local concern
SSC State Species of Concern
ST State threatened

A Absent
P Present