

**Table U-1
List of Known or Potentially Occurring Sensitive Species on the Casmalia Hazardous Waste
Management Facility**

Common Name	Scientific Name	Federal / State / CNPS Status	Survey Methodology	Information Source
I. Plants				
Blochman's dudleya	<i>Dudleya blochmaniae</i> ssp. <i>blochmaniae</i>	None/None/IB.1	Transect Survey	CNPS
La Purisima manzanita	<i>Arctostaphylos purissima</i>	None/None/ 1B.1	Transect Survey	CNPS
Sand mesa manzanita	<i>Arctostaphylos rudis</i>	None/None/1B.2	Transect Survey	CNPS
Dune larkspur	<i>Delphinium parryi</i> ssp. <i>blockmaniae</i>	None/None/1B.2	Transect Survey	CNPS
Kellogg's horkelia	<i>Horkelia cumeata</i> ssp. <i>sericea</i>	None/None/1B.1	Transect Survey	CNPS
Black-flowered figwort	<i>Scrophularia atrata</i>	None/None/1B.2	Transect Survey	CNPS
Chaparral ragwort	<i>Senecio aphanactis</i>	None/None/2.2	Transect Survey	L.E. Hunt obs.
Seaside bird's beak	<i>Cordylanthus rigidis</i> ssp. <i>littoralis</i>	None/E/1B.1	Transect Survey	CNPS/CNDDDB
Gambel's water cress	<i>Rorippa gambellii</i>	E/T/1B.1	Transect Survey	CDFG
La Graciosa thistle	<i>Cirsium loncholepis</i>	E/T/1B.1	Transect Survey	CDFG
Gaviota tar plant	<i>Deinandra increscens</i> ssp. <i>villosa</i>	E/E/1B.1	Transect Survey	CDFG
II. Amphibians				
California tiger salamander	<i>Ambystoma californiense</i>	T/SSC	Focused Survey	CNDDDB
California red-legged frog	<i>Rana aurora draytonii</i>	T/SSC	Focused Survey	L.E. Hunt obs.
Western spadefoot toad	<i>Scaphiopus hammondii</i>	None/SSC	Focused Survey	L.E. Hunt obs.
III. Reptiles				
California horned lizard	<i>Phrynosoma coronatum</i> <i>frontale</i>	None/SSC	Transect Survey	CNDDDB/UCSB
Two-striped garter snake	<i>Thamnophis hammondii</i>	None/SSC	Transect Survey	CNDDDB
Southwestern pond turtle	<i>Clemmys marmorata</i> <i>pallida</i>	None/SSC	Focused survey	Habitat
Coast patch-nosed snake	<i>Salvadora hexalepis</i> <i>virgultea</i>	None/SSC	Transect Survey	CNDDDB
IV. Birds				
American peregrine falcon	<i>Falco peregrines anatum</i>	Delisted/E & FP	Point Survey	Habitat
Western snowy plover	<i>Charadrius alexandrinus</i>	T/SSC	Point Survey	CNDDDB
Least Bell's vireo	<i>Vireo belli pusillus</i>	E/E	Focused Survey	Lehman 1994
Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>	E/E	Focused Survey	Lehman 1994; Holmgren and Collins 1999.

Table U-1 (Cont'd)
List of Known or Potential Occurring Sensitive Species on the Casmalia Hazardous Waste Management Facility

Common Name	Scientific Name	Federal / State / CNPS Status	Survey Methodology	Information Source
Western burrowing owl	<i>Speotyto (athene) cunicularia</i>	None/SSC	Focused Survey	CNDDDB
Cooper's hawk	<i>Accipiter cooperi</i>	None/WL	Point Survey	L.E. Hunt obs.
Sharp-shinned hawk	<i>Accipiter striatus</i>	None/WL	Point Survey	Lehman 1994
White-tailed kite	<i>Elanus caeruleus</i>	None/FP	Point Survey	L.E. Hunt obs.
Golden eagle	<i>Aquila chrysaetos</i>	None/FP	Point Survey	L.E. Hunt obs.
Yellow-breasted chat	<i>Icteria virens</i>	None/SSC	Point Survey	Lehman 1994; Holmgren and Collins 1999
Yellow warbler	<i>Dendroica petechia</i>	None/SSC	Point Survey	L.E. Hunt obs.
Loggerhead shrike	<i>Lanius ludovicianus</i>	None/SSC	Point Survey	Lehman 1994.
Northern harrier	<i>Circus cyaneus</i>	None/SSC	Point Survey	L.E. Hunt obs.
V. Mammals				
Western red bat	<i>Lasiurus borealis</i>	None/SSC	Acoustic Survey	Habitat
Greater western mastiff bat	<i>Eumops perotis californicus</i>	None/SSC	Acoustic Survey	Habitat
Spotted bat	<i>Euderma maculata</i>	None/SSC	Acoustic Survey	Habitat
Townsend's big-eared bat	<i>Plecotus townsendii</i>	None/SSC	Acoustic Survey	SBMNH
Pallid bat	<i>Antrozous pallidus</i>	None/SSC	Acoustic Survey	Habitat
American badger	<i>Taxidea taxus</i>	None/SSC	Transect Survey	Habitat
Mountain lion	<i>Felis concolor</i>	None/FPF	Transect Survey	Landfill Staff
Ringtail	<i>Bassariscus astutus</i>	None/FPF	Transect Survey	Habitat

Regulatory Status Codes:

- E = Federal or State Endangered
- T = Federal or State Threatened
- SSC = California Department of Fish and Game Species of Special Concern
- FP = California Department of Fish and Game Fully Protected Species
- WL = California Department of Fish and Game Watch List Species
- FPF = Fully Protected Furbearing Species (CDFG jurisdiction)
- CNPS List 1B = California Native Plant Society Rare, Threatened or Endangered Plant in California and elsewhere
- CNPS List 2 = CNPS Rare, Threatened, or Endangered in California, but more common elsewhere.
- CNPS Threat Ranks*
 - 0.1 = Seriously threatened in California (high degree/immediacy of threat)
 - 0.2 = Fairly threatened in California (moderate degree/immediacy of threat)

Information Sources:

- CNPS = California Native Plant Society
- CNDDDB = California Native Diversity Database
- UCSB = University of California, Santa Barbara Museum of Systematics and Ecology specimen records
- Lehman 1994 = Lehman, P. 1994. The birds of Santa Barbara County, California. Published by the Vertebrate Museum, Univ. of California, Santa Barbara
- SBMNH = Div. Vertebrate Zoology, Santa Barbara Museum of Natural History
- Holmgren, M and P. Collins (eds.) 1999. Final report on the distribution and habitat associations of six bird species of special concern at Vandenberg Air Force Base, Santa Barbara County, California. Univ. California, Santa Barbara, Museum of Systematics and Ecology, Envir. Rept. No. 7.
- Habitat = species potentially present on site due to presence of suitable habitat and known occurrences within a 10-mile radius of landfill site.
- Personal assessment of project biologists regarding species presence due to presence of suitable habitat and known occurrence within a 10-mile radius of Site.