

APPENDIX D

Vegetation and Wildlife Species Lists

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**Table D-1
Habitats and their Associated Common Vegetation and Wildlife Species**

Habitat	Common Name	Scientific Name
Alkali Scrub	Vegetation	
	Alkali goldenbush	<i>Haplopappus aradenius</i>
	Kochia species	<i>Kochia spp.</i>
	Iodine bush	<i>Allenrolfea occidentalis</i>
	Alkali blite	<i>Suaeda moquini</i>
	Salt bush species	<i>Atriplex spp.</i>
	Alkali weed	<i>Cressa truxillensis</i>
	Alkali heliotrope	<i>Heliotropium curassavicum</i>
	Alkali sacaton	<i>Sporobolus airoides</i>
	Saltgrass	<i>Distichlis spicata</i>
	Wildlife	
	Western spadefoot	<i>Scaphiopus hammondii</i>
	Western toad	<i>Bufo boreas</i>
	Desert cottontail	<i>Sylvilagus audubonii</i>
	Black-tailed hare	<i>Lepus californicus</i>
	Heermann's kangaroo rat	<i>Dipodomys heermanni</i>
	Southern grasshopper mouse	<i>Onychomys torridus</i>
	Coyote	<i>Canis latrans</i>
	Side-blotched lizard	<i>Uta stansburiana</i>
	Western whiptail	<i>Cnemidophorus tigris</i>
	Glossy snake	<i>Arizona elegans</i>
	Gopher snake	<i>Pituophis melanoleucus</i>
	Coachwhip	<i>Masticophis flagellum</i>
Annual Grassland	Vegetation	
	Wild oats	<i>Avena fatua</i>
	Soft chess	<i>Bromus mollis</i>
	Ripgut brome	<i>Bromus rigidus</i>
	Red brome	<i>Bromus rubens</i>
	Wild barley	<i>Hordeum leporinum</i>
	Foxtail fescue	<i>Festuca megalura</i>
	Filaree species	<i>Erodium spp.</i>
	Clover species	<i>Trifolium spp.</i>
	California poppy	<i>Eschscholzia californica</i>
	Popcorn flower	<i>Plagiobothrys torreyi</i>
	Wildlife	
	Western spadefoot	<i>Scaphiopus hammondii</i>
	Western toad	<i>Bufo boreas</i>
	Pacific treefrog	<i>Hyla regilla</i>
	Ornate shrew	<i>Sorex ornatus</i>
	Desert cottontail	<i>Sylvilagus audubonii</i>
	Black-tailed hare	<i>Lepus californicus</i>
	California ground squirrel	<i>Spermophilus beecheyi</i>
	Heermann's kangaroo rat	<i>Dipodomys heermanni</i>
	California kangaroo rat	<i>Dipodomys californicus</i>

**Table D-1
Habitats and their Associated Common Vegetation and Wildlife Species**

Habitat	Common Name	Scientific Name
Annual Grassland (continued)	Wildlife	
	Western harvest mouse	<i>Reithrodontomys megalotis</i>
	Deer mouse	<i>Peromyscus maniculatus</i>
	California vole	<i>Microtus californicus</i>
	Long-tailed weasel	<i>Mustela frenata</i>
	Western skink	<i>Eumeces skiltonianus</i>
	Gilbert's skink	<i>Eumeces gilberti</i>
	Gopher snake	<i>Pituophis melanoleucus</i>
	Common kingsnake	<i>Lampropeltis getulus</i>
	Western rattlesnake	<i>Crotalus viridus</i>
	Vernal Pool	
	Downingia	<i>Downingia concolor</i>
	Hedge-Hyssop	<i>Gratiola ebracteata</i>
	Rush species	<i>Juncus spp.</i>
	Meadowfoam	<i>Limnanthes douglasii</i>
	Monkey flower	<i>Mimulus guttatus</i>
	Navarretia	<i>Navarretia intertexta</i>
	Allocarya species	<i>Allocarya spp.</i>
	Brodiaea species	<i>Brodiaea spp.</i>
	Spikerush	<i>Eleocharis palustris</i>
	Button celery	<i>Apium armatum</i>
	Fresh Emergent Wetland	Vegetation
Big leaf sedge		<i>Carex amplifolia</i>
Baltic rush		<i>Juncus balticus</i>
Saltgrass		<i>Distichlis spicata</i>
Cattail		<i>Typha latifolia</i>
Tule bulrush		<i>Scirpus acutus</i>
River bulrush		<i>Scirpus fluviatilis</i>
Wildlife		
Western toad		<i>Bufo boreas</i>
Pacific treefrog		<i>Hyla regilla</i>
California myotis		<i>Myotis californicus</i>
Brazilian free-tailed bat		<i>Tadarida brasiliensis</i>
Western harvest mouse		<i>Reithrodontomys megalotis</i>
Deer mouse		<i>Peromyscus maniculatus</i>
California vole		<i>Microtus californicus</i>
Raccoon		<i>Procyon lotor</i>
Common kingsnake		<i>Lampropeltis getulus</i>
Common garter snake		<i>Thamnophis sirtalis</i>
Scrub oak		<i>Quercus dumosa</i>
Chaparral oak species		<i>Quercus spp.</i>
Ceanothus species		<i>Ceanothus spp.</i>
Manzanita species		<i>Arctostaphylos spp.</i>

**Table D-1
Habitats and their Associated Common Vegetation and Wildlife Species**

Habitat	Common Name	Scientific Name
	Chamise	<i>Adenostoma fasciculatum</i>
	Mahogany species	<i>Melia spp.</i>
Fresh Emergent Wetland (continued)	Wildlife	
	Silk-tassel species	<i>Carrya spp.</i>
	Toyon	<i>Heteromeles arbutifolia</i>
	Yerba santa	<i>Eriodictyon californica</i>
	California buckeye	<i>Aesculus californica</i>
	Poison oak	<i>Rhus diversiloba</i>
	Sumac species	<i>Rhus spp.</i>
	Wildlife	
	Ensatina	<i>Ensatina eschscholtzii</i>
	Arboreal salamander	<i>Aneides lugubris</i>
	Western toad	<i>Bufo boreas</i>
	Western spadefoot	<i>Scaphiopus hammondii</i>
	Myotis species	<i>Myotis spp.</i>
	Western pipistrelle	<i>Pipistrellus hesperus</i>
	Brazilian free-tailed bat	<i>Tadarida brasiliensis</i>
	Desert cottontail	<i>Sylvilagus audubonii</i>
	Black-tailed hare	<i>Lepus californicus</i>
	Sonoma chipmunk	<i>Tamias sonomae</i>
	Merriam's chipmunk	<i>Tamias merriami</i>
	California pocket mouse	<i>Perognathus californicus</i>
	Heermann's kangaroo rat	<i>Dipodomys heermanni</i>
	California kangaroo rat	<i>Dipodomys californicus</i>
	Pinyon mouse	<i>Peromyscus truei</i>
	Desert woodrat	<i>Neotoma lepida</i>
	Gray fox	<i>Urocyon cinereoargenteus</i>
	Red fox	<i>Vulpes vulpes</i>
	Bobcat	<i>Lynx rufus</i>
	Western skink	<i>Eumeces skiltonianus</i>
	Western whiptail	<i>Cnemidophorus tigris</i>
	Southern alligator lizard	<i>Gerrhonotus multicarinatus</i>
California legless lizard	<i>Anniella pulchra</i>	
California mountain kingsnake	<i>Lampropeltis zonata</i>	
Western rattlesnake	<i>Crotalus viridis</i>	
Montane Hardwood	Vegetation	
	Knobcone pine	<i>Pinus attenuata</i>
	Digger pine	<i>Pinus sabiniana</i>
	Oregon white oak	<i>Quercus garryana</i>
	Coast live oak	<i>Quercus agrifolia</i>
	California black oak	<i>Quercus kelloggii</i>
	Douglas fir	<i>Pseudotsuga menziesii</i>
	Ponderosa pine	<i>Pinus ponderosa</i>
	Manzanita species	<i>Arctostaphylos spp.</i>

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Habitat	Common Name	Scientific Name
	Mountain mahogany	<i>Cercocarpus betuloides</i>
	Poison oak	<i>Rhus diversiloba</i>
Montane Hardwood (continued)	Wildlife	
	Pacific giant salamander	<i>Dicamptodon ensatus</i>
	Long-toed salamander	<i>Ambystoma macrodactylum</i>
	Rough-skinned newt	<i>Taricha granulosa</i>
	Ensatina	<i>Ensatina eschscholtzii</i>
	Trowbridge's shrew	<i>Sorex trowbridgii</i>
	Water shrew	<i>Sorex palustris</i>
	Broad-footed mole	<i>Scapanus latimanus</i>
	Myotis species	<i>Myotis spp.</i>
	Silver-haired bat	<i>Lasionycteris noctivagans</i>
	Big brown bat	<i>Eptesicus fuscus</i>
	Red bat	<i>Lasiurus borealis</i>
	Hoary bat	<i>Lasiurus cinereus</i>
	Brush rabbit	<i>Sylvilagus bachmani</i>
	Sonoma chipmunk	<i>Tamias sonomae</i>
	Western gray squirrel	<i>Sciurus griseus</i>
	Brush mouse	<i>Peromyscus boylii</i>
	Pinyon mouse	<i>Peromyscus truei</i>
	Dusky-footed woodrat	<i>Neotoma fuscipes</i>
	Long-tailed vole	<i>Microtus longicaudus</i>
	Porcupine	<i>Erethizon dorsatum</i>
	Black bear	<i>Ursus americanus</i>
	Marten	<i>Martes americana</i>
	Ermine	<i>Mustela erminea</i>
	Fisher	<i>Martes pennanti</i>
	Mule deer	<i>Odocoileus hemionus</i>
	Western fence lizard	<i>Sceloporus occidentalis</i>
	Sagebrush lizard	<i>Sceloporus graciosus</i>
	Rubber boa	<i>Charina bottae</i>
	Ring-necked snake	<i>Diadophis punctatus</i>
Sharp-tailed snake	<i>Contia tenuis</i>	
California mountain kingsnake	<i>Lampropeltis zonata</i>	
Valley Foothill Hardwood	Vegetation	
	Coast live oak	<i>Quercus agrifolia</i>
	Interior live oak	<i>Quercus wislizenii</i>
	Valley oak	<i>Quercus lobata</i>
	Western juniper	<i>Juniperus occidentalis</i>
	Posion oak	<i>Rhus diversiloba</i>
	Buck brush	<i>Ceanothus cuneatus</i>
	Ceanothus species	<i>Ceanothus spp.</i>
	California buckeye	<i>Aesculus californica</i>
	Yerba santa	<i>Eriodictyon californica</i>

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Habitats and their Associated Common Vegetation and Wildlife Species**

Habitat	Common Name	Scientific Name	
	Manzanita species	<i>Arctostaphylos spp.</i>	
	Brome species	<i>Bromus spp.</i>	
	Wild oats	<i>Avena fatua</i>	
Valley Foothill Hardwood (continued)	Vegetation		
	Foxtail species	<i>Alopecurus spp.</i>	
	Filaree species	<i>Erodium spp.</i>	
	Fiddleneck species	<i>Amsinckia spp.</i>	
	California sycamore	<i>Platanus racemosa</i>	
	California black walnut	<i>Juglans nigra</i>	
	Box elder	<i>Acer negundo</i>	
	Blue oak	<i>Quercus douglasii</i>	
	Blue elderberry	<i>Sambucus caerulea</i>	
	California wild grape	<i>Vitis californica</i>	
	Toyon	<i>Heteromeles arbutifolia</i>	
	California blackberry	<i>Rubus vitifolia</i>	
	Barley species	<i>Hordeum spp.</i>	
	Ryegrass	<i>Lolium multiflorum</i>	
	Needlegrass	<i>Aristida purpurea</i>	
		Wildlife	
	Rough-skinned newt	<i>Taricha granulosa</i>	
	Ensatina	<i>Ensatina eschscholtzii</i>	
	Arboreal salamander	<i>Aneides lugubris</i>	
	Black salamander	<i>Aneides flavipunctatus</i>	
	Foothill yellow-legged frog	<i>Rana boylei</i>	
	Trowbridge's shrew	<i>Sorex trowbridgii</i>	
	Broad-footed mole	<i>Scapanus latimanus</i>	
	Western toad	<i>Bufo boreas</i>	
	Pacific treefrog	<i>Hyla regilla</i>	
	Ornate shrew	<i>Sorex ornatus</i>	
	Myotis species	<i>Myotis spp.</i>	
	Red bat	<i>Lasiurus borealis</i>	
	Hoary bat	<i>Lasiurus cinereus</i>	
	Brazilian free-tailed bat	<i>Tadarida brasiliensis</i>	
Sonoma chipmunk	<i>Tamia sonomae</i>		
Western gray squirrel	<i>Sciurus griseus</i>		
California ground squirrel	<i>Spermophilus beecheyi</i>		
California kangaroo rat	<i>Dipodomys californicus</i>		
Heermann's kangaroo rat	<i>Dipodomys heermanni</i>		
Deer mouse	<i>Peromyscus maniculatus</i>		
California pocket mouse	<i>Perognathus californicus</i>		
Brush mouse	<i>Peromyscus boylii</i>		
California vole	<i>Microtus californicus</i>		
Dusky-footed woodrat	<i>Neotoma fuscipes</i>		
Striped skunk	<i>Mephitis mephitis</i>		

**Table D-1
Habitats and their Associated Common Vegetation and Wildlife Species**

Habitat	Common Name	Scientific Name
	Porcupine	<i>Erethizon dorsatum</i>
	Bobcat	<i>Lynx rufus</i>
	Gray fox	<i>Urocyon cinereoargenteus</i>
	Ringtail	<i>Bassariscus astutus</i>
Valley Foothill Hardwood (continued)	Wildlife	
	Western fence lizard	<i>Sceloporus occidentalis</i>
	California legless lizard	<i>Anniella pulchra</i>
	Western skink	<i>Eumeces skiltonianus</i>
	Black bear	<i>Ursus americanus</i>
	Southern alligator lizard	<i>Gerrhonotus multicarinatus</i>
	Common kingsnake	<i>Lampropeltis getulus</i>
	Ring-necked snake	<i>Diadophis punctatus</i>
	Long-nosed snake	<i>Rhinocheilus lecontei</i>
	Sharp-tailed snake	<i>Contia tenuis</i>
	Western rattlesnake	<i>Crotalus viridus</i>
California mountain kingsnake	<i>Lampropeltis zonata</i>	
Valley Foothill Riparian	Vegetation	
	Cottonwood	<i>Populus spp.</i>
	California sycamore	<i>Platanus racemosa</i>
	Valley oak	<i>Quercus lobata</i>
	White alder	<i>Alnus rhombifolia</i>
	Box elder	<i>Acer negundo</i>
	Oregon ash	<i>Fraxinus latifolia</i>
	Wild grape	<i>Vitis californica</i>
	Wild rose	<i>Rosa californica</i>
	California blackberry	<i>Rubus vitifolius</i>
	Blue elderberry	<i>Sambucus caerulea</i>
	Poison oak	<i>Rhus diversiloba</i>
	Willow species	<i>Salix spp.</i>
	Sedge species	<i>Carex spp.</i>
	Rush species	<i>Juncus spp.</i>
	Grass species	<i>Gramineae (Grass Family)</i>
	Miner's lettuce	<i>Claytonia perfoliata</i>
	Poison hemlock	<i>Conium maculatum</i>
	Hoary nettle	<i>Urtica dioica</i>
	Wildlife	
	Western toad	<i>Bufo boreas</i>
	Pacific treefrog	<i>Hyla regilla</i>
	California myotis	<i>Myotis californicus</i>
	Western pipistrelle	<i>Pipistrellus hesperus</i>
	Hoary bat	<i>Lasiurus cinereus</i>
	Brazilian free-tailed bat	<i>Tadarida brasiliensis</i>
	Deer mouse	<i>Peromyscus maniculatus</i>
	California vole	<i>Microtus californicus</i>

**Table D-1
Habitats and their Associated Common Vegetation and Wildlife Species**

Habitat	Common Name	Scientific Name
	Gray fox	<i>Urocyon cinereoargenteus</i>
	Raccoon	<i>Procyon lotor</i>
	Common kingsnake	<i>Lampropeltis getulus</i>
	Common garter snake	<i>Thamnophis sirtalis</i>
	Western rattlesnake	<i>Crotalus viridis</i>
Mixed Chaparral	Vegetation	
	Scrub oak	<i>Quercus dumosa</i>
	Chaparral oak species	<i>Quercus spp.</i>
	Ceanothus species	<i>Ceanothus spp.</i>
	Manzanita species	<i>Arctostaphylos spp.</i>
	Chamise	<i>Adenostoma Fasciculatum</i>
	Mahogany species	<i>Melia spp.</i>
	Silk-tassel species	<i>Carrya spp.</i>
	Toyon	<i>Heteromeles arbutifolia</i>
	Yerba santa	<i>Eriodictyon californica</i>
	California buckeye	<i>Aesculus californica</i>
	Poison oak	<i>Rhus diversiloba</i>
	Sumac species	<i>Rhus spp.</i>
	Wildlife	
	Ensatina	<i>Ensatina eschscholtzii</i>
	Arboreal salamander	<i>Aneides lugubris</i>
	Western toad	<i>Bufo boreas</i>
	Western spadefoot	<i>Scaphiopus hammondii</i>
	Myotis species	<i>Myotis spp.</i>
	Western pipistrelle	<i>Pipistrellus hesperus</i>
	Brazilian free-tailed bat	<i>Tadarida brasiliensis</i>
	Desert cottontail	<i>Sylvilagus audubonii</i>
	Black-tailed hare	<i>Lepus californicus</i>
	Sonoma chipmunk	<i>Tamias sonomae</i>
	Merriam's chipmunk	<i>Tamias merriami</i>
	California pocket mouse	<i>Perognathus californicus</i>
	Heermann's kangaroo rat	<i>Dipodomys heermanni</i>
	California kangaroo rat	<i>Dipodomys californicus</i>
	Pinyon mouse	<i>Peromyscus truei</i>
	Desert woodrat	<i>Neotoma lepida</i>
	Gray fox	<i>Urocyon cinereoargenteus</i>
	Red fox	<i>Vulpes vulpes</i>
Bobcat	<i>Lynx rufus</i>	
Western skink	<i>Eumeces skiltonianus</i>	
Western whiptail	<i>Cnemidophorus tigris</i>	
Southern alligator lizard	<i>Gerrhonotus multicarinatus</i>	
California legless lizard	<i>Anniella pulchra</i>	
California mountain kingsnake	<i>Lampropeltis zonata</i>	
Western rattlesnake	<i>Crotalus viridis</i>	

**Table D-2
Habitats Identified and Special-Status Plant and Animal Species
Expected to Occur within the Boundaries of Affected CVP Water Contractors if No Development Had Occurred**

CVP Water Contractor	Habitats Identified in District	Special-Status Species Expected to Occur in District		Status ^a	
		Common Name	Scientific Name	Federal	State
Anderson-Cottonwood Irrigation District	Valley foothill hardwood-conifer Valley foothill riparian/fresh emergent wetland Annual grassland	Valley elderberry longhorn beetle	<i>Desmocerus californicus dimorphus</i>	T	--
		Vernal pool fairy shrimp	<i>Branchinecta lyncei</i>	T	--
		Vernal pool tadpole shrimp	<i>Lepidurus packardii</i>	E	--
		Conservancy fairy shrimp	<i>Branchinecta conservatio</i>	E	--
		California linderiella	<i>Linderiella occidentalis</i>	PE	--
		Foothill yellow-legged frog	<i>Rana boylei</i>	FSC	SC
		California red-legged frog	<i>Rana aurora draytonii</i>	T	SC
		Western pond turtle	<i>Clemmys marmorata</i>	FSC	SC
		Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Cooper's Hawk	<i>Accipiter cooperii</i>	--	SC
		Loggerhead Shrike	<i>Lanius ludovicianus</i>	FSC	--
		Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>	FSC	SC
		California Yellow Warbler	<i>Dendroica petechia</i>	--	SC
		Yellow-breasted Chat	<i>Icteria virens</i>	--	SC
		Townsend's big-eared bat	<i>Plecotus townsendii townsendii</i>	FSC	SC
		American badger	<i>Taxidea Taxus</i>	--	SC
		Silky cryptantha	<i>Cryptantha crinita</i>	FSC	--
		Bogg's Lake hedge-hyssop	<i>Gratiola heterosepala</i>	--	E
Arvin-Edison Water Storage District	Valley foothill riparian/fresh emergent wetland Alkali scrub Annual grassland	Moestan blister beetle	<i>Lytta moesta</i>	FSC	--
		Morrison's blister beetle	<i>Lytta morrisoni</i>	FSC	--
		Western spadefoot	<i>Scaphiopus hammondii</i>	--	SC
		Western pond turtle	<i>Clemmys marmorata</i>	FSC	SC
		Blunt-nosed leopard lizard	<i>Gambelia silus</i>	E	E
		Cooper's Hawk	<i>Accipiter cooperii</i>	--	SC
		Ferruginous Hawk	<i>Buteo regalis</i>	FSC	SC
		Burrowing Owl	<i>Speotyto cunicularia</i>	--	SC
		Western Yellow-billed Cuckoo	<i>Coccyzus americanus occidentalis</i>	--	E
		California Yellow Warbler	<i>Dendroica petechia</i>	--	SC
		Yellow-breasted Chat	<i>Icteria virens</i>	--	SC
		Western mastiff bat	<i>Eumops perotis</i>	--	SC
		Tulare grasshopper mouse	<i>Onychomys torridus tularensis</i>	--	SC
		Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>	E	E
		San Joaquin kit fox	<i>Vulpes macrotis mutica</i>	E	T
		Recurved larkspur	<i>Delphinium recurvatum</i>	FSC	--
		Hoover's eriastrum	<i>Eriastrum hooveri</i>	T	--
		San Joaquin woolly-threads		E	--

**Table D-2
Habitats Identified and Special-Status Plant and Animal Species
Expected to Occur within the Boundaries of Affected CVP Water Contractors if No Development Had Occurred**

CVP Water Contractor	Habitats Identified in District	Special-Status Species Expected to Occur in District		Status ^a	
		Common Name	Scientific Name	Federal	State
		San Joaquin adobe sunburst	<i>Lembertia congdonii</i>	E	E
		Striped adobe lily	<i>Pseudobahia peirsonii</i>	PT	T
		California jewelflower	<i>Fritillaria striata</i>	E	E
		Bakersfield cactus	<i>Caulanthus californicus</i>	E	E
		Vasek's clarkia	<i>Opuntia basilaris</i> var. <i>treleasei</i>	FSC	--
		Comanche Point layia	<i>Clarkia tembloriensis</i> ssp. <i>calientensis</i>	FSC	--
			<i>Layia leucopappa</i>		
Avenal, City of	Alkali scrub Annual grassland Valley foothill riparian/fresh emergent wetland	Moestan blister beetle	<i>Lytta moesta</i>	FSC	--
		Morrison's blister beetle	<i>Lytta morrisoni</i>	FSC	--
		Hoppings blister beetle	<i>Lytta hoppingi</i>	FSC	--
		San Joaquin dune beetle	<i>Coelus gracilis</i>	FSC	--
		Western spadefoot	<i>Scaphiopus hammondii</i>	--	SC
		Western pond turtle	<i>Clemmys marmorata</i>	FSC	SC
		Blunt-nosed leopard lizard	<i>Gambelia silus</i>	E	E
		Giant garter snake	<i>Thamnophis gigas</i>	T	T
		Burrowing Owl	<i>Speotyto cunicularia</i>	--	SC
		Northern Harrier	<i>Circus cyaneus</i>	--	SC
		San Joaquin antelope squirrel	<i>Ammospermophilus nelsoni</i>	FSC	T
		Short-nosed kangaroo rat	<i>Dipodomys nitratooides brevinasus</i>	FSC	SC
		Fresno kangaroo rat	<i>Dipodomys nitratooides exilis</i>	E	E
		Tulare grasshopper mouse	<i>Onychomys torridus tularensis</i>	--	SC
		San Joaquin pocket mouse	<i>Perognathus inornatus</i>	--	SC
		San Joaquin kit fox	<i>Vulpes macrotis mutica</i>	E	T
		American badger	<i>Taxidea taxus</i>	--	SC
		California jewelflower	<i>Caulanthus californicus</i>	E	E
		San Joaquin woolly-threads	<i>Lembertia congdonii</i>	E	--
		Recurved larkspur	<i>Delphinium recurvatum</i>	FSC	--
		Townsend's big-eared bat	<i>Plecotus townsendii townsendii</i>	FSC	SC
Bella Vista Water District	Valley foothill hardwood-conifer Valley foothill riparian/fresh emergent wetland Mixed chaparral Annual grassland	Valley elderberry longhorn beetle	<i>Desmocerus californicus dimorphus</i>	T	--
		Western spadefoot	<i>Scaphiopus hammondii</i>	--	SC
		Foothill yellow-legged frog	<i>Rana boylei</i>	FSC	SC
		California red-legged frog	<i>Rana aurora draytonii</i>	T	SC
		Western pond turtle	<i>Clemmys marmorata</i>	FSC	SC
		Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Loggerhead Shrike	<i>Lanius ludovicianus</i>	FSC	--

**Table D-2
Habitats Identified and Special-Status Plant and Animal Species
Expected to Occur within the Boundaries of Affected CVP Water Contractors if No Development Had Occurred**

CVP Water Contractor	Habitats Identified in District	Special-Status Species Expected to Occur in District		Status ^a	
		Common Name	Scientific Name	Federal	State
		Blue-gray Gnatcatcher	<i>Poliophtila caerulea</i>	FSC	SC
		Yellow-breasted Chat	<i>Icteria virens</i>	--	SC
		California Yellow Warbler	<i>Dendroica petechia</i>	--	SC
		Townsend's big-eared bat	<i>Plecotus townsendii townsendii</i>	FSC	SC
		American badger	<i>Taxidea taxus</i>	--	SC
		Silky cryptantha	<i>Cryptantha crinita</i>	FSC	--
Coalinga, City of	Annual grassland Valley foothill riparian/fresh emergent wetland Alkali scrub	Hopping's blister beetle	<i>Lytta hoppingi</i>	FSC	--
		San Joaquin dune beetle	<i>Coelus gracilis</i>	FSC	--
		Valley elderberry longhorn beetle	<i>Desmocerus californicus dimorphus</i>	T	--
		Heartscale	<i>Atriplex cordulata</i>	FSC	--
		Red-headed sphecid wasp	<i>Eucerceris ruficeps</i>	FSC	--
		California tiger salamander	<i>Ambystoma californiense</i>	C	SC
		Blunt-nosed leopard lizard	<i>Gambelia silus</i>	E	E
		Western pond turtle	<i>Clemmys marmorata</i>	FSC	SC
		Giant garter snake	<i>Thamnophis gigas</i>	T	T
		Long-billed Curlew	<i>Numenius americanus</i>	--	SC
		Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Swainson's Hawk	<i>Buteo swainsoni</i>	--	T
		Ferruginous Hawk	<i>Buteo regalis</i>	FSC	SC
		Northern Harrier	<i>Circus cyaneus</i>	--	SC
		Peregrine Falcon	<i>Falco peregrinus</i>	E	E
		Prairie Falcon	<i>Falco mexicanus</i>	--	SC
		Merlin	<i>Falco columbarius</i>	--	SC
		Burrowing Owl	<i>Speotyto cunicularia</i>	--	SC
		Short-eared Owl	<i>Asio flammeus</i>	--	SC
		Loggerhead Shrike	<i>Lanius ludovicianus</i>	FSC	--
		California Horned Lark	<i>Eremophila alpestris actia</i>	FSC	--
		LeConte's Thrasher	<i>Toxostoma redivivum</i>	--	SC
		Tricolored Blackbird	<i>Agelaius tricolor</i>	FSC	SC
		Townsend's big-eared bat	<i>Plecotus townsendii townsendii</i>	FSC	SC
		San Joaquin antelope squirrel	<i>Ammospermophilus nelsoni</i>	FSC	T
		Fresno kangaroo rat	<i>Dipodomys nitratooides exilis</i>	E	E
		Amercan badger	<i>Taxidea taxus</i>	--	SC
		San Joaquin kit fox	<i>Vulpes macrotis mutica</i>	E	T
		California jewelflower	<i>Caulanthus californicus</i>	E	E
		Pale-yellow layia	<i>Layia heterotricha</i>	FSC	--
San Joaquin woolly-threads	<i>Lembertia congdonii</i>	E	--		

**Table D-2
Habitats Identified and Special-Status Plant and Animal Species
Expected to Occur within the Boundaries of Affected CVP Water Contractors if No Development Had Occurred**

CVP Water Contractor	Habitats Identified in District	Special-Status Species Expected to Occur in District		Status ^a	
		Common Name	Scientific Name	Federal	State
		Hoover's eriastrum	<i>Eriastrum hooveri</i>	T	--
Colusa County Water District	Valley foothill hardwood-conifer Valley foothill riparian/fresh emergent wetland Mixed chaparral Annual grassland	Valley elderberry longhorn beetle	<i>Desmocerus californicus dimorphus</i>	T	--
		Sharp-shinned Hawk	<i>Accipiter striatus</i>	--	SC
		Cooper's Hawk	<i>Accipiter cooperii</i>	--	SC
		Northern Goshawk	<i>Accipiter gentilis</i>	FSC	SC
		Peregrine Falcon	<i>Falco peregrinus</i>	E	E
		Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>	FSC	SC
		California Yellow Warbler	<i>Dendroica petechia</i>	--	SC
		Saltmarsh Common Yellowthroat	<i>Geothlypis trichas sinuosa</i>	FSC	SC
		Yellow-breasted Chat	<i>Icteria virens</i>	--	SC
		Striped adobe lily	<i>Fritillaria striata</i>	PT	T
Contra Costa Water District	Annual grassland Saline emergent wetland Valley foothill riparian/fresh emergent wetland	California tiger salamander	<i>Ambystoma californiense</i>	C	SC
		California red-legged frog	<i>Rana aurora draytonii</i>	T	SC
		Double-crested cormorant	<i>Phalacrocorax auritus</i>	--	SC
		California Black Rail	<i>Laterallus jamaicensis coturniculus</i>	FSC	T
		California Clapper Rail	<i>Rallus longirostris obsoletus</i>	E	E
		Long-billed Curlew	<i>Numenius americanus</i>	--	SC
		Osprey	<i>Pandion haliaetus</i>	--	SC
		Northern Harrier	<i>Circus cyaneus</i>	--	SC
		Peregrine Falcon	<i>Falco peregrinus</i>	E	E
		Prairie Falcon	<i>Falco mexicanus</i>	--	SC
		Merlin	<i>Falco columbarius</i>	--	SC
		Short-eared Owl	<i>Asio flammeus</i>	--	SC
		Saltmarsh Common Yellowthroat	<i>Geothlypis trichas sinuosa</i>	FSC	SC
		Saltmarsh wandering shrew	<i>Sorex vagrans halicoetes</i>	FSC	SC
		Saltmarsh harvest mouse	<i>Reithrodontomys raviventris</i>	E	E
		Townsend's big-eared bat	<i>Plecotus townsendii townsendii</i>	FSC	SC
		San Joaquin kit fox	<i>Vulpes macrotis mutica</i>	E	T
		Mason's lilaeopsis	<i>Lilaeopsis masonii</i>	FSC	R
		Delta tule pea	<i>Lathyrus jepsonii</i> var. <i>jepsonii</i>	FSC	--
		Soft bird's beak	<i>Cordylanthus mollis</i> ssp. <i>mollis</i>	PE	R
Antioch dunes evening primrose	<i>Oenothera deltoides</i> ssp. <i>howellii</i>	E	E		
Corning Water District	Annual grassland Valley foothill riparian/fresh emergent wetland	Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Swainson's Hawk	<i>Buteo swainsoni</i>	--	T
		Northern Harrier	<i>Circus cyaneus</i>	--	SC
		Ferruginous Hawk	<i>Buteo regalis</i>	FSC	SC

**Table D-2
Habitats Identified and Special-Status Plant and Animal Species
Expected to Occur within the Boundaries of Affected CVP Water Contractors if No Development Had Occurred**

CVP Water Contractor	Habitats Identified in District	Special-Status Species Expected to Occur in District		Status ^a	
		Common Name	Scientific Name	Federal	State
		Prairie Falcon	<i>Falco mexicanus</i>	--	SC
		Peregrine Falcon	<i>Falco peregrinus</i>	E	E
		Merlin	<i>Falco columbarius</i>	--	SC
		Burrowing Owl	<i>Speotyto cunicularia</i>	--	SC
		Short-eared Owl	<i>Asio flammeus</i>	--	SC
		Loggerhead Shrike	<i>Lanius ludovicianus</i>	FSC	--
		Townsend's big-eared bat	<i>Plecotus townsendii townsendii</i>	FSC	SC
		American badger	<i>Taxidea taxus</i>	--	SC
Del Puerto Water District	Valley foothill riparian/fresh emergent wetland Annual grassland	Valley elderberry longhorn beetle	<i>Desmocerus californicus dimorphus</i>	T	--
		California tiger salamander	<i>Ambystoma californiense</i>	C	SC
		Western pond turtle	<i>Clemmys marmorata</i>	FSC	SC
		Giant garter snake	<i>Thamnophis gigas</i>	T	T
		Long-billed Curlew	<i>Numenius americanus</i>	--	SC
		Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Swainson's Hawk	<i>Buteo swainsoni</i>	--	T
		Ferruginous Hawk	<i>Buteo regalis</i>	FSC	SC
		Northern Harrier	<i>Circus cyaneus</i>	--	SC
		Cooper's Hawk	<i>Accipiter cooperii</i>	--	SC
		Peregrine Falcon	<i>Falco peregrinus</i>	E	E
		Prairie Falcon	<i>Falco mexicanus</i>	--	SC
		Merlin	<i>Falco columbarius</i>	--	SC
		Burrowing Owl	<i>Speotyto cunicularia</i>	--	SC
		Short-eared Owl	<i>Asio flammeus</i>	--	SC
		Loggerhead Shrike	<i>Lanius ludovicianus</i>	FSC	--
		California Horned Lark	<i>Eremophila alpestris actia</i>	FSC	--
		Tricolored Blackbird	<i>Agelaius tricolor</i>	FSC	SC
		Townsend's big-eared bat	<i>Plecotus townsendii townsendii</i>	FSC	SC
		San Joaquin antelope squirrel	<i>Ammospermophilus nelsoni</i>	FSC	T
		American badger	<i>Taxidea taxus</i>	--	SC
San Joaquin kit fox	<i>Vulpes mactoris mutica</i>	E	T		
Heartscale	<i>Atriplex cordulata</i>	FSC	--		
East Bay Municipal Utility District	Valley foothill hardwood-conifer Valley foothill riparian/fresh emergent wetland Mixed chaparral Annual grassland	California tiger salamander	<i>Ambystoma californiense</i>	C	SC
		California red-legged frog	<i>Rana aurora draytonii</i>	T	SC
		Western pond turtle	<i>Clemmys marmorata</i>	FSC	SC
		Alameda whipsnake	<i>Masticophis lateralis euryxanthus</i>	PE	T
		Long-billed Curlew	<i>Numenius americanus</i>	--	SC

**Table D-2
Habitats Identified and Special-Status Plant and Animal Species
Expected to Occur within the Boundaries of Affected CVP Water Contractors if No Development Had Occurred**

CVP Water Contractor	Habitats Identified in District	Special-Status Species Expected to Occur in District		Status ^a	
		Common Name	Scientific Name	Federal	State
	Saline emergent wetland	California Black Rail	<i>Laterallus jamaicensis coturniculus</i>	FSC	T
		California Clapper Rail	<i>Rallus longirostris obsoletus</i>	E	E
		Western Snowy Plover	<i>Charadrius alexandrinus nivosus</i>	T	SC
		Caspian Tern	<i>Sterna caspia</i>	--	SC
		California Least Tern	<i>Sterna antillarum</i>	E	E
		Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Sharp-shinned Hawk	<i>Accipiter striatus</i>	--	SC
		Northern Harrier	<i>Circus cyaneus</i>	--	SC
		Burrowing Owl	<i>Speotyto cunicularia</i>	--	SC
		Saltmarsh Common Yellowthroat	<i>Geothlypis trichas sinuosa</i>	FSC	SC
		Townsend's big-eared bat	<i>Plecotus townsendii townsendii</i>	FSC	SC
		Saltmarsh wandering shrew	<i>Sorex vagrans halicoetes</i>	FSC	SC
		American badger	<i>Taxidea taxus</i>	--	SC
		San Joaquin kit fox	<i>Vulpes macrotis mutica</i>	E	T
		Delta tule pea	<i>Lathyrus jepsonii</i> var. <i>jepsonii</i>	FSC	--
		Congdon's tarplant	<i>Hemizonia parryi</i> ssp. <i>congdonii</i>	FSC	--
		Showy Indian clover	<i>Trifolium amoenum</i>	PE	--
		Fragrant fritillary	<i>Fritillaria liliacea</i>	FSC	--
		Contra Costa goldfields	<i>Lasthenia conjugens</i>	PE	--
		Diablo helianthella	<i>Helianthella castanea</i>	FSC	--
		Most beautiful jewelflower	<i>Streptanthus albidus</i> ssp. <i>peramoenus</i>	FSC	--
El Dorado Irrigation District	Annual grassland Valley foothill hardwood	California red-legged frog	<i>Rana aurora draytonii</i>	T	SC
		Western spadefoot	<i>Scaphiopus hammondii</i>	--	SC
		Western pond turtle	<i>Clemmys marmorata</i>	FSC	SC
		Bald Eagle	<i>Haliaeetus leucocephalus</i>	T	E
		Northern Harrier	<i>Circus cyaneus</i>	--	SC
		Sharp-shinned Hawk	<i>Accipiter striatus</i>	--	SC
		Cooper's Hawk	<i>Accipiter cooperii</i>	--	SC
		Swainson's Hawk	<i>Buteo swainsoni</i>	--	T
		Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Merlin	<i>Falco columbarius</i>	--	SC
		Peregrine Falcon	<i>Falco peregrinus</i>	E	E
		Prairie Falcon	<i>Falco mexicanus</i>	--	SC
		Long-billed Curlew	<i>Numenius americanus</i>	--	SC
		Burrowing Owl	<i>Speotyto cunicularia</i>	--	SC
		Long-eared Owl	<i>Asio otus</i>	--	SC

**Table D-2
Habitats Identified and Special-Status Plant and Animal Species
Expected to Occur within the Boundaries of Affected CVP Water Contractors if No Development Had Occurred**

CVP Water Contractor	Habitats Identified in District	Special-Status Species Expected to Occur in District		Status ^a	
		Common Name	Scientific Name	Federal	State
		Short-eared Owl	<i>Asio flammeus</i>	--	SC
		California Horned Lark	<i>Eremophila alpestris actia</i>	FSC	--
		Purple Martin	<i>Progne subis</i>	--	SC
		Loggerhead Shrike	<i>Lanius ludovicianus</i>	FSC	--
		Yellow Breasted Chat	<i>Icteria virens</i>	--	SC
		Tricolored Blackbird	<i>Agelaius tricolor</i>	FSC	SC
		Townsend's big-eared bat	<i>Plecotus townsendii townsendii</i>	FSC	SC
		American badger	<i>Taxidea taxus</i>	--	SC
		Layne's butterweed	<i>Senecio layneae</i>	T	R
		Pine Hill ceanothus	<i>Ceanothus roderickii</i>	E	R
		Pine Hill flannelbush	<i>Fremontodendron californicum</i> ssp.	E	R
		El Dorado bedstraw	<i>decumbens</i>	E	R
		El Dorado County mule ears	<i>Galium californicum</i> ssp. <i>sierrae</i>	FSC	--
		Red hill's soaproot	<i>Wyethia reticulata</i>	FSC	--
		Stebbins' morning glory	<i>Chlorogalum grandiflorum</i>	E	E
			<i>Calystegia stebbinsii</i>		
Glenn Valley Water District	Annual grassland Valley foothill riparian/fresh emergent wetland	Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Northern Harrier	<i>Circus cyaneus</i>	--	SC
		Peregrine Falcon	<i>Falco peregrinus</i>	E	E
		Prairie Falcon	<i>Falco mexicanus</i>	--	SC
		Merlin	<i>Falco columbarius</i>	--	SC
		Burrowing Owl	<i>Speotyto cunicularia</i>	--	SC
		Short-eared Owl	<i>Asio flammeus</i>	--	SC
		Loggerhead Shrike	<i>Lanius ludovicianus</i>	FSC	--
		Townsend's big-eared bat	<i>Plecotus townsendii townsendii</i>	FSC	SC
		American badger	<i>Taxidea taxus</i>	--	SC
Kanawha Water District	Annual grassland Valley foothill riparian/fresh emergent wetland	Western spadefoot	<i>Scaphiopus hammondii</i>	--	SC
		Foothill yellow-legged frog	<i>Rana boylei</i>	FSC	SC
		Western pond turtle	<i>Clemmys marmorata</i>	FSC	SC
		Northern Harrier	<i>Circus cyaneus</i>	--	SC
		Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Merlin	<i>Falco columbarius</i>	--	SC
		Peregrine Falcon	<i>Falco peregrinus</i>	E	E
		Prairie Falcon	<i>Falco mexicanus</i>	--	SC
		Burrowing Owl	<i>Speotyto cunicularia</i>	--	SC
		Loggerhead Shrike	<i>Lanius ludovicianus</i>	FSC	--
		Tricolored Blackbird		FSC	SC

**Table D-2
Habitats Identified and Special-Status Plant and Animal Species
Expected to Occur within the Boundaries of Affected CVP Water Contractors if No Development Had Occurred**

CVP Water Contractor	Habitats Identified in District	Special-Status Species Expected to Occur in District		Status ^a	
		Common Name	Scientific Name	Federal	State
		Townsend's big-eared bat	<i>Agelaius tricolor</i>	FSC	SC
		American badger	<i>Plecotus townsendii townsendii</i>	--	SC
		Caper-fruited tropidocarpum	<i>Taxidea taxus</i> <i>Tropidocarpum capparideum</i>	FSC	--
Mountain Gate Community Services District	Valley foothill hardwood-conifer Valley foothill riparian/fresh emergent wetland Mixed chaparral Annual grassland	Shasta sideband snail	<i>Monadenia troglodytes</i>	FSC	--
		Shasta salamander	<i>Hydromantes shastae</i>	FSC	T
		Western spadefoot	<i>Scaphiopus hammondii</i>	--	SC
		Foothill yellow-legged frog	<i>Rana boylei</i>	FSC	SC
		California red-legged frog	<i>Rana aurora draytonii</i>	T	SC
		Western pond turtle	<i>Clemmys marmorata</i>	FSC	SC
		Bald Eagle	<i>Haliaeetus leucocephalus</i>	T	E
		Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Cooper's Hawk	<i>Accipiter cooperii</i>	--	SC
		Sharp-shinned Hawk	<i>Accipiter striatus</i>	--	SC
		Loggerhead Shrike	<i>Lanius ludovicianus</i>	FSC	--
		Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>	FSC	SC
		California Yellow Warbler	<i>Dendroica petechia</i>	--	SC
		Yellow-breasted Chat	<i>Icteria virens</i>	--	SC
		American badger	<i>Taxidea taxus</i>	--	SC
Silky cryptantha	<i>Cryptantha crinita</i>	FSC	--		
Orland-Artois Water District	Annual grassland	Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Swainson's Hawk	<i>Buteo swainsoni</i>	--	T
		Northern Harrier	<i>Circus cyaneus</i>	--	SC
		Prairie Falcon	<i>Falco mexicanus</i>	--	SC
		Burrowing Owl	<i>Speotyto cunicularia</i>	--	SC
		Loggerhead Shrike	<i>Lanius ludovicianus</i>	FSC	--
		Townsend's big-eared bat	<i>Plecotus townsendii townsendii</i>	FSC	SC
Sacramento Municipal Utility District	Annual grassland Fresh emergent wetland	Vernal pool fairy shrimp	<i>Branchinecta lyncei</i>	T	--
		Vernal pool tadpole shrimp	<i>Lepidurus packardii</i>	E	--
		California linderiella	<i>Linderiella occidentalis</i>	PE	--
		California tiger salamander	<i>Ambystoma californiense</i>	C	SC
		Western spadefoot	<i>Scaphiopus hammondii</i>	--	SC
		Western pond turtle	<i>Clemmys marmorata</i>	FSC	SC
		Giant garter snake	<i>Thamnophis gigas</i>	T	T
		Northern Harrier	<i>Circus cyaneus</i>	--	SC
		Swainson's Hawk	<i>Buteo swainsoni</i>	--	T

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Habitats Identified and Special-Status Plant and Animal Species
Expected to Occur within the Boundaries of Affected CVP Water Contractors if No Development Had Occurred**

CVP Water Contractor	Habitats Identified in District	Special-Status Species Expected to Occur in District		Status ^a	
		Common Name	Scientific Name	Federal	State
		Ferruginous Hawk	<i>Buteo regalis</i>	FSC	SC
		Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Merlin	<i>Falco columbarius</i>	--	SC
		Prairie Falcon	<i>Falco mexicanus</i>	--	SC
		Long-billed Curlew	<i>Numenius americanus</i>	--	SC
		Burrowing Owl	<i>Speotyto cunicularia</i>	--	SC
		Short eared Owl	<i>Asio flammeus</i>	--	SC
		California Horned Lark	<i>Eremophila alpestris actia</i>	FSC	--
		Tricolored Blackbird	<i>Agelaius tricolor</i>	FSC	SC
		Townsend's big-eared bat	<i>Plecotus townsendii townsendii</i>	FSC	SC
		American badger	<i>Taxidea taxus</i>	--	SC
		Sacramento orcutt grass	<i>Orcuttia viscida</i>	PE	E
		Bogg's Lake hedge-hyssop	<i>Gratiola heterosepala</i>	--	E
San Benito County Water District	Valley foothill riparian/fresh emergent wetland Mixed chaparral Annual grassland	Valley elderberry longhorn beetle	<i>Desmocerus californicus dimorphus</i>	T	--
		California tiger salamander	<i>Ambystoma californiense</i>	C	SC
		California red-legged frog	<i>Rana aurora draytonii</i>	T	SC
		Foothill yellow-legged frog	<i>Rana boylei</i>	FSC	SC
		Western spadefoot	<i>Scaphiopus hammondii</i>	--	SC
		Western pond turtle	<i>Clemmys marmorata</i>	FSC	SC
		Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Northern Harrier	<i>Circus cyaneus</i>	--	SC
		Cooper's Hawk	<i>Accipiter cooperii</i>	--	SC
		Ferruginous Hawk	<i>Buteo regalis</i>	FSC	SC
		Peregrine Falcon	<i>Falco peregrinus</i>	E	E
		Prairie Falcon	<i>Falco mexicanus</i>	--	SC
		Merlin	<i>Falco columbarius</i>	--	SC
		California Horned Lark	<i>Eremophila alpestris actia</i>	FSC	--
		Purple Martin	<i>Progne subis</i>	--	SC
		Loggerhead Shrike	<i>Lanius ludovicianus</i>	FSC	--
		Yellow-breasted Chat	<i>Icteria virens</i>	--	SC
		Townsend's big-eared bat	<i>Plecotus townsendii townsendii</i>	FSC	SC
		Western mastiff bat	<i>Eumops perotis</i>	T	SC
		San Joaquin kit fox	<i>Vulpes macrotis mutica</i>	E	T
San Joaquin saltbush	<i>Atriplex joaquiniana</i>	FSC	--		
San Luis Water District	Alkali scrub Annual grassland	Moestan blister beetle	<i>Lytta moesta</i>	FSC	--
		California tiger salamander	<i>Ambystoma californiense</i>	C	SC

**Table D-2
Habitats Identified and Special-Status Plant and Animal Species
Expected to Occur within the Boundaries of Affected CVP Water Contractors if No Development Had Occurred**

CVP Water Contractor	Habitats Identified in District	Special-Status Species Expected to Occur in District		Status ^a	
		Common Name	Scientific Name	Federal	State
	Valley foothill riparian/fresh emergent wetland	Foothill yellow-legged frog	<i>Rana boylei</i>	FSC	SC
		Blunt-nosed leopard lizard	<i>Gambelia silus</i>	E	E
		Giant garter snake	<i>Thamnophis gigas</i>	T	T
		Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Prairie Falcon	<i>Falco mexicanus</i>	--	SC
		Burrowing Owl	<i>Speotyto cunicularia</i>	--	SC
		Tricolored Blackbird	<i>Agelaius tricolor</i>	FSC	SC
		San Joaquin antelope squirrel	<i>Ammospermophilus nelsoni</i>	FSC	T
		Tulare grasshopper mouse	<i>Onychomys torridus tularensis</i>	--	SC
		Giant kangaroo rat	<i>Dipodomys ingens</i>	E	E
		Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>	E	E
		Short-nosed kangaroo rat	<i>Dipodomys nitratoides brevinasus</i>	FSC	SC
		Townsend's big-eared bat	<i>Plecotus townsendii townsendii</i>	FSC	SC
		American badger	<i>Taxidea taxus</i>	--	SC
		San Joaquin kit fox	<i>Vulpes macrotis mutica</i>	E	T
		San Joaquin woolly-threads	<i>Lembertia congdonii</i>	E	--
		Heartscale	<i>Atriplex cordulata</i>	FSC	--
		Hoover's eriastrum	<i>Eriastrum hooveri</i>	T	--
		Recurved larkspur	<i>Delphinium recurvatum</i>	FSC	--
		Hispid bird's beak	<i>Cordylanthus mollis ssp. hispidus</i>	FSC	--
Santa Clara Valley Water District	Annual grassland Perennial grassland Valley foothill riparian/fresh emergent wetland Mixed chaparral Valley foothill hardwood	Bay checkerspot butterfly	<i>Euphydryas editha bayensis</i>	T	--
		Edgewood blind harvestman	<i>Calicina minor</i>	FSC	--
		California brackish water snail	<i>Tryonia imitator</i>	FSC	--
		California tiger salamander	<i>Ambystoma californiense</i>	C	SC
		California red-legged frog	<i>Rana aurora draytonii</i>	T	SC
		Foothill yellow-legged frog	<i>Rana boylei</i>	FSC	SC
		Northern Harrier	<i>Circus cyaneus</i>	--	SC
		Sharp-shinned Hawk	<i>Accipiter striatus</i>	--	SC
		Cooper's Hawk	<i>Accipiter cooperii</i>	--	SC
		Ferruginous Hawk	<i>Buteo regalis</i>	FSC	SC
		Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Prairie Falcon	<i>Falco mexicanus</i>	--	SC
		Burrowing Owl	<i>Speotyto cunicularia</i>	--	SC
		Long-eared Owl	<i>Asio otus</i>	--	SC
		Long-billed Curlew	<i>Numenius americanus</i>	--	SC
		California Black Rail	<i>Laterallus jamaicensis coturniculus</i>	FSC	T
		California Clapper Rail	<i>Rallus longirostris obsoletus</i>	E	E

**Table D-2
Habitats Identified and Special-Status Plant and Animal Species
Expected to Occur within the Boundaries of Affected CVP Water Contractors if No Development Had Occurred**

CVP Water Contractor	Habitats Identified in District	Special-Status Species Expected to Occur in District		Status ^a	
		Common Name	Scientific Name	Federal	State
		California Least Tern	<i>Sterna caspia</i>	E	E
		Saltmarsh Common Yellowthroat	<i>Geothlypis trichas sinuosa</i>	FSC	SC
		Black Swift	<i>Cypseloides niger</i>	--	SC
		Tricolored Blackbird	<i>Agelaius tricolor</i>	FSC	SC
		San Joaquin kit fox	<i>Vulpes macrotis mutica</i>	E	T
		American badger	<i>Taxidea taxus</i>	--	SC
		Coyote ceanothus	<i>Ceanothus ferrisiae</i>	E	--
		Santa Clara Valley dudleya	<i>Dudleya setchellii</i>	E	--
		Fountain thistle	<i>Cirsium fontinale</i> var. <i>fontinale</i>	E	E
		Fragrant fritillary	<i>Fritillaria liliacea</i>	FSC	--
		Talus fritillary	<i>Fritillaria falcata</i>	FSC	--
		Most beautiful jewelflower	<i>Streptanthus albidus</i> ssp.	FSC	--
		California sea blite	<i>peramoenus</i>	E	--
		Pt. Reyes bird's beak	<i>Suaeda californica</i>	FSC	SC
		Saltmarsh wandering shrew	<i>Cordylanthus maritimus</i> ssp. <i>palustris</i>	FSC	E
		Saltmarsh harvest mouse	<i>Sorex vagrans halicoetes</i> <i>Reithrodontomys raviventris</i>	E	
Santa Clara Valley Water District (continued)		Sharsmith's harebell	<i>Campanula sharsmithiae</i>	FSC	SC
		Mt. Hamilton thistle	<i>Cirsium fontinale</i> var. <i>campylon</i>	FSC	--
		Mt. Diablo phacelia	<i>Phacelia phacelioides</i>	FSC	--
		Brandegee's eriastrum	<i>Eriastrum brandegeae</i>	FSC	--
		Rock sanicle	<i>Sanicula saxatilis</i>	FSC	--
		Mt. Hamilton coreopsis	<i>Coreopsis hamiltonii</i>	FSC	R
		Mt. Hamilton jewelflower	<i>Streptanthus callistus</i>	FSC	--
		Metcalf Canyon jewelflower	<i>Streptanthus albidus</i> ssp. <i>albidus</i>	FSC	--
		Santa Cruz tarplant	<i>Holocarpha macradenia</i>	E	--
		Congdon's tarplant	<i>Hemizonia parryi</i> ssp. <i>congdonii</i>	FSC	--
Shasta Community Services District	Valley foothill hardwood-conifer Mixed chaparral	Shasta salamander	<i>Hydromantes shastae</i>	FSC	T
		Western spadefoot	<i>Scaphiopus hammondii</i>	--	SC
		Bald Eagle	<i>Haliaeetus leucocephalus</i>	T	E
		Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Sharp-shinned Hawk	<i>Accipiter striatus</i>	--	SC
		Cooper's Hawk	<i>Accipiter cooperii</i>	--	SC
		Swainson's Hawk	<i>Buteo swainsoni</i>	--	T
		Peregrine Falcon	<i>Falco peregrinus</i>	E	E
		Purple Martin	<i>Progne subis</i>	--	SC
		Blue-gray Gnatcatcher		FSC	SC

**Table D-2
Habitats Identified and Special-Status Plant and Animal Species
Expected to Occur within the Boundaries of Affected CVP Water Contractors if No Development Had Occurred**

CVP Water Contractor	Habitats Identified in District	Special-Status Species Expected to Occur in District		Status ^a	
		Common Name	Scientific Name	Federal	State
		Townsend's big-eared bat	<i>Polioptila caerulea</i> <i>Plecotus townsendii townsendii</i>	FSC	SC
Shasta County Service Area No. 6 - Jones Valley	Valley foothill hardwood-conifer Valley foothill riparian/fresh emergent wetland Mixed chaparral Annual grassland	Shasta sideband snail Shasta salamander Western spadefoot Foothill yellow-legged frog California red-legged frog Western pond turtle Bald Eagle Golden Eagle Cooper's Hawk Sharp-shinned Hawk Loggerhead Shrike Blue-gray Gnatcatcher California Yellow Warbler Yellow-breasted Chat American badger Silky cryptantha	<i>Monadenia troglodytes</i> <i>Hydromantes shastae</i> <i>Scaphiopus hammondii</i> <i>Rana boylei</i> <i>Rana aurora draytonii</i> <i>Clemmys marmorata</i> <i>Haliaeetus leucocephalus</i> <i>Aquila chrysaetos</i> <i>Accipiter cooperii</i> <i>Accipiter striatus</i> <i>Lanius ludovicianus</i> <i>Polioptila caerulea</i> <i>Dendroica petechia</i> <i>Icteria virens</i> <i>Taxidea taxus</i> <i>Cryptantha crinita</i>	FSC FSC -- FSC T FSC T -- -- -- FSC FSC -- -- -- FSC	-- T SC SC SC SC E SC SC SC -- SC SC SC SC SC --
Shasta County Service Area No. 25 - Keswick	Valley foothill hardwood-conifer Valley foothill riparian/fresh emergent wetland Mixed chaparral	Shasta sideband snail Shasta salamander Western spadefoot Foothill yellow-legged frog California red-legged frog Western pond turtle Bald Eagle Golden Eagle Cooper's Hawk Loggerhead Shrike Blue-gray Gnatcatcher Yellow-breasted Chat California Yellow Warbler Townsend's big-eared bat Silky cryptantha	<i>Monadenia troglodytes</i> <i>Hydromantes shastae</i> <i>Scaphiopus hammondii</i> <i>Rana boylei</i> <i>Rana aurora draytonii</i> <i>Clemmys marmorata</i> <i>Haliaeetus leucocephalus</i> <i>Aquila chrysaetos</i> <i>Accipiter cooperii</i> <i>Lanius ludovicianus</i> <i>Polioptila caerulea</i> <i>Icteria virens</i> <i>Dendroica petechia</i> <i>Plecotus townsendii townsendii</i> <i>Cryptantha crinita</i>	FSC FSC -- FSC T FSC T -- -- FSC FSC -- -- FSC FSC	-- T SC SC SC SC E SC SC -- SC SC SC SC SC --
Shasta Lake, City of	Valley foothill hardwood-conifer Valley foothill riparian/fresh emergent wetland	Shasta sideband snail Shasta salamander Western spadefoot	<i>Monadenia troglodytes</i> <i>Hydromantes shastae</i> <i>Scaphiopus hammondii</i>	FSC FSC --	-- T SC

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Expected to Occur within the Boundaries of Affected CVP Water Contractors if No Development Had Occurred**

CVP Water Contractor	Habitats Identified in District	Special-Status Species Expected to Occur in District		Status ^a	
		Common Name	Scientific Name	Federal	State
	Annual grassland	Foothill yellow-legged frog	<i>Rana boylei</i>	FSC	SC
		California red-legged frog	<i>Rana aurora draytonii</i>	T	SC
		Western pond turtle	<i>Clemmys marmorata</i>	FSC	SC
		Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Cooper's Hawk	<i>Accipiter cooperii</i>	--	SC
		Loggerhead Shrike	<i>Lanius ludovicianus</i>	FSC	--
		Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>	FSC	SC
		Yellow-breasted Chat	<i>Icteria virens</i>	--	SC
		California Yellow Warbler	<i>Dendroica petechia</i>	--	SC
		Townsend's big-eared bat	<i>Plecotus townsendii townsendii</i>	FSC	SC
		American badger	<i>Taxidea taxus</i>	--	SC
		Silky cryptantha	<i>Cryptantha crinita</i>	FSC	--
Silverthorn Summer Homes, Inc.	Valley foothill hardwood-conifer Mixed chaparral	Shasta salamander	<i>Hydromantes shastae</i>	FSC	T
		Bald Eagle	<i>Haliaeetus leucocephalus</i>	T	E
		Golden Eagle	<i>Aquila chrysaetos</i>	--	SC
		Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>	FSC	SC
Westlands Water District	Alkali scrub Annual grassland Valley foothill riparian/fresh emergent wetland	Moestan blister beetle	<i>Lytta moesta</i>	FSC	--
		Morrison's blister beetle	<i>Lytta morrisoni</i>	FSC	--
		Hoppings blister beetle	<i>Lytta hoppingi</i>	FSC	--
		San Joaquin dune beetle	<i>Coelus gracilis</i>	FSC	--
		Western spadefoot	<i>Scaphiopus hammondii</i>	--	SC
		Western pond turtle	<i>Clemmys marmorata</i>	FSC	SC
		Blunt-nosed leopard lizard	<i>Gambelia silus</i>	E	E
		Giant garter snake	<i>Thamnophis gigas</i>	T	T
		Burrowing Owl	<i>Speotyto cunicularia</i>	--	SC
		Northern Harrier	<i>Circus cyaneus</i>	--	SC
		San Joaquin antelope squirrel	<i>Ammospermophilus nelsoni</i>	FSC	T
		Short-nosed kangaroo rat	<i>Dipodomys nitratooides brevinasus</i>	FSC	SC
		Fresno kangaroo rat	<i>Dipodomys nitratooides exilis</i>	E	E
		Giant kangaroo rat	<i>Dipodomys ingens</i>	E	E
		Tulare grasshopper mouse	<i>Onychomys torridus tularensis</i>	--	SC
		San Joaquin pocket mouse	<i>Perognathus inornatus</i>	--	SC
		San Joaquin kit fox	<i>Vulpes macrotis mutica</i>	E	T
		American badger	<i>Taxidea taxus</i>	--	SC
		Townsend's big-eared bat	<i>Plecotus townsendii townsendii</i>	FSC	SC
		California jewelflower	<i>Caulanthus californicus</i>	E	E
		San Joaquin woolly-threads		E	--

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Habitats Identified and Special-Status Plant and Animal Species
Expected to Occur within the Boundaries of Affected CVP Water Contractors if No Development Had Occurred**

CVP Water Contractor	Habitats Identified in District	Special-Status Species Expected to Occur in District		Status ^a	
		Common Name	Scientific Name	Federal	State
		Recurved larkspur Panoche peppergrass	<i>Lembertia congdonii</i> <i>Delphinium recurvatum</i> <i>Lepidium jaredii</i>	FSC FSC	-- --
Westside Water District	Valley foothill hardwood Valley foothill riparian/fresh emergent wetland Annual grassland	Valley elderberry longhorn beetle Western pond turtle Golden Eagle Northern Harrier Cooper's Hawk Peregrine Falcon Prairie Falcon Merlin Burrowing Owl Long-eared Owl Short-eared Owl Purple Martin Loggerhead Shrike California Yellow Warbler Yellow-breasted Chat Tricolored Blackbird Townsend's big-eared bat San Joaquin saltbush	<i>Desmocerus californicus dimorphus</i> <i>Clemmys marmorata</i> <i>Aquila chrysaetos</i> <i>Circus cyaneus</i> <i>Accipiter cooperii</i> <i>Falco peregrinus</i> <i>Falco mexicanus</i> <i>Falco columbarius</i> <i>Speotyto cunicularia</i> <i>Asio otus</i> <i>Asio flammeus</i> <i>Progne subis</i> <i>Lanius ludovicianus</i> <i>Dendroica petechia</i> <i>Icteria virens</i> <i>Agelaius tricolor</i> <i>Plecotus townsendii townsendii</i> <i>Atriplex joaquiniana</i>	T FSC -- -- -- E -- -- -- -- -- -- -- FSC -- -- FSC FSC FSC	-- SC SC SC SC E SC SC SC SC SC SC SC -- SC SC SC SC --

^aFederal: State:

E = Endangered E = Endangered
T = Threatened T = Threatened
PE = Proposed Endangered R = Rare
PT = Proposed Threatened SC = Species of Special Concern
C = Federal candidate
FSC = Federal Species of Concern