

Special-Status Wildlife with Potential to Occur

Scientific Name	Common Name	Status	Potential to Occur	Habitat
Invertebrates				
Branchinecta longiantenna	longhorn Fairy Shrimp	FE	Not Likely To Occur	Clear to turbid grassland pools within San Joaquin Vernal Pool Region
Branchinecta conservation	conservancy fairy shrimp	FE	Not Likely To Occur	Turbid water in vernal pools
Branchinecta lynchi	vernal Pool Fairy Shrimp	FT	Not Likely to Occur	Vernal pools, vernal swales, alkaline pools, and road-side ditches
Lepidurus packardi	vernal pool tadpole shrimp	FE	Not Likely To Occur	Clear, well vegetated vernal pools to turbid, alkali scald pools; generally in water deeper than 12 cm
Reptiles				
Actinemys marmorata pallida	Southwestern pond turtle	CSC	Low	Slow-moving waterways with upland habitat accessible for basking.
Anniella pulchra pulchra	silvery legless lizard	CSC	Moderate	Sandy or loose loamy soils with adequate soil moisture
Gambelia sila	blunt-nosed leopard lizard	FE, SE, SFP	Present (Observed in Valley Floor Conservation Lands 2013)	Arid grasslands, alkali flats, low elevation foothills, large washes; burrows of other species typically used for cover and sparse vegetation preferred
Masticophis flagellum ruddocki	San Joaquin coachwhip	CSC	High	Desert, prairie, scrublands, juniper-grassland, and other habitats in dry, open terrain
Phrynosoma blainvillii	coast horned lizard	CSC	High	Open areas with sandy soil and low vegetation, lowlands along sandy washes with scattered shrubs
Rana draytonii	California red-legged frog	FT	Not Likely To Occur	Standing deep ponds, pools, and streams; tall vegetation
Thamnophis hammondi	two-striped garter snake	CSC	Not Likely To Occur	In or near permanent fresh water, along streams with rocky beds bordered by riparian vegetation
Amphibians				

<i>Ambystoma californiense</i>	California tiger salamander	FT, STC	High	Burrows of small mammals within grassland or oak savannah with wetland breeding ponds up to one mile away
<i>Spea hammondi</i>	western spadefoot toad	CSC	Moderate	Open areas with sandy or gravelly soils within woodlands, grasslands, sandy washes, lowlands, and other habitats.
Birds				
<i>Agelaius tricolor</i>	tricolored blackbird	CSC	High	Nest in marshy areas and settle in areas with access to open water; forage in valley and foothill grassland and agricultural fields
<i>Ammodramus savannarum</i>	grasshopper sparrow	CSC	High	Open grasslands and prairies with patches of bare ground.
<i>Aquila chrysaetos</i>	golden eagle	SFP	Present	Partially or completely open country around mountains or hills within habitats ranging from desert to arctic
<i>Asio flammeus</i>	short-eared owl	CSC	Low (nesting)	Open country including tundra, prairie, grassland, sand dunes and other habitats; sufficient vegetation required for nesting
<i>Asio otus</i>	long-eared owl	CSC	Moderate	Combination of grassland for foraging and dense tall shrubs for nesting and roosting.
<i>Athene cucularia</i>	Burrowing owl	CSC	Present	Open grasslands with sparse vegetation and few shrubs, gentle topography and well-drained soils
<i>Buteo swainsonii</i>	Swainson's hawk	ST	Present	Grasslands, sage flats, or swaths for nesting; nest within trees, often the only tree in the area
<i>Charadrius montanus</i>	mountain plover	CSC, FTC	Present (winter only)	Breeds open plains at moderate elevations; winters in short-grass plains and fields, plowed fields, and sandy deserts.

Circus cyaneus	northern harrier	CSC	Present	Breeds in wide open habitats from tundra to prairie grasslands; nests on ground in grasses or wetland vegetation
Elanus leucurus	white-tailed kite	SFP	Moderate	Commonly found in savanna, woodlands, marshes, desert grassland, partially cleared lands and cultivated fields; avoids areas with excessive winter freeze
Gymnogyps californianus	California condor	FE, SE	Not Likely to Occur	Nest in caves on cliff faces in mountains; scavenge in habitats ranging from Pacific beaches to mountain forests and meadows
Haliaeetus leucocephalus	bald eagle	SE, FP	Not Likely To Occur	Nest in areas adjacent to large bodies of water; in winter can be seen in dry, open uplands near open water
Lanius ludovicianus	Loggerhead shrike	CSC	Present	Open country with scattered shrubs and trees
Poocetes gramineus affinis	Oregon vesper sparrow	CSC	High (winter only)	Breeds in Oregon; most often found in hilly margins of Willamette Valley; dry, upland prairies and pastures; winters over much of California
Xanthocephalus xanthocephalus	yellow-headed Blackbird	CSC	Low	Breed and roost in freshwater wetlands with dense, emergent vegetation; forage in fields
Mammals				
Ammospermophilus nelsoni	San Joaquin antelope squirrel	ST	Present	Dry flat or rolling terrain on alluvial and loamy soils; grassy, sparsely shrubby ground
Antrozous pallidus	pallid bat	CSC	High (foraging)	Desert habitats with rocky outcrops for roosting
Corynorhinus townsendii	Townsend's big-eared bat	CSC	Low (foraging)	Pine forests and arid desert scrub habitats with caves nearby for roosting; may roost in abandoned buildings
Dipodomys ingens	giant kangaroo rat	FE, SE	Present	Arid gentle slopes and plains with variable vegetative cover and well-drained soils

<i>Dipodomys nitratoides brevinasus</i>	short-nosed kangaroo rat	CSC	High	Grasslands with scattered shrubs and desert shrub associations on loose soils
<i>Dipodomys elephantinus</i>	big-eared kangaroo rat	CSC	Not Likely to Occur	Chaparral areas; most often under dense vegetation
<i>Eumops perotis</i>	western mastiff bat	CSC	Moderate (foraging)	Broad, open areas within dry desert washes, floodplains, grasslands, agricultural areas, and other habitats. Crevices in cliff faces, high buildings, trees or tunnels required for roosting
<i>Onychomys torridus tularensis</i>	Tulare grasshopper mouse	CSC	High	Arid shrubland communities in hot, arid grassland and shrubland associations.
<i>Taxidea taxus</i>	American badger	CSC	Present	Dry, open grasslands and brushlands with little groundcover.
<i>Vulpes macrotis mutica</i>	San Joaquin kit fox	FE/ST	Present	Loose-textured soils within grasslands; habitat converted for urban uses are still utilized if remnants of native habitat are present.

FE = Federally Endangered. FT = Federally Threatened SE = State Endangered FTC = Federally Threatened Candidate
SFP = State Fully Protected CSC = California Species of Special Concern STC = State Threatened Candidate ST = State Threatened

Photographic Log



Photo 1: Study Area 1 from the southern study area boundary looking northwest.



Photo 2: Study Area 2 looking west from southeast study area boundary.



Photo 3: View of Study Area 2 facing northwest.



Photo 4: View of Study Area 3 facing northeast.



Photo 5: Small drainage along eastern boundary of Study Area 3.



Photo 6: View of southern portion of Study Area 3 facing west.



Photo 7: View of Study Area 4 facing north.



Photo 8: Study Area 4 facing east/northeast from southern portion of study area.



Photo 9: Study Area 4 facing west from access road.



Photo 10: View of Study Area 4 facing west.



Photo 11: View of Study Area 5 facing west from eastern portion of study area.



Photo 12: Study Area 5 facing west/northwest.



Photo 13: View of Study Area 5 facing east.



Photo 14: Study Area 6 facing southeast.



Photo 15: Northwestern portion of Study Area 6 within Panoche Creek bed.



Photo 16: View facing east from wetland soil data point within Panoche Creek in Study Area 6.



Photo 17: View facing south from upland soil data point in Study Area 6.



Photo 18: View of central portion of Study Area 6 facing east.



Photo 19: View of Study Area 6 facing north.



Photo 20: View of well-maintained crop rows within Study Area 7.



Photo 21: View of Study Area 7 taken from Study Area 6 facing east.



Photo 22: Southern portion of Study Area 8 taken from central cleared portion of study area.



Photo 23: View of Panoche Creek located in northern portion of Study Area 8.



Photo 24: View of well-maintained almond orchards of Study Area 9.



Photo 25: View of Study Area 9 facing east.



Photo 26: View of southeast quarter of Study Area 10 facing north.



Photo 27: View of southwest quarter of Study Area 10 facing south.



Photo 28: View of southeast quarter of Study Area 10, facing south.



Photo 29: View of northeast quarter of Study Area 10 facing north.



Photo 30: View of northwest quarter of Study Area 10 facing north.



Photo 31: Northern portion of Study Area 11 facing west showing recreational area and orchards.



Photo 32: View of vineyards within southern portion of Study Area 11.



Photo 33: View of Study Area 12 facing east/southeast.



Photo 34: View of northern portion of Study Area 12 within almond orchards.



Photo 35: View of Study Area 12 facing west along West Panoche Road.

Photo 36: View of Study Area 13 facing west towards Panoche Substation.

Photo 37: Cleared area within central portion of Study Area 13.





Study Area	FAMILY	GENUS	SPECIES	COMMON NAME
Study Area 1	Amaranthaceae	<i>Amaranthus</i>	<i>blitoides</i>	procumbent pigweed
	Boraginaceae	<i>Amsinkia</i>	<i>intermedia</i>	common fiddleneck
	Brassicaceae	<i>Lepidium</i>	<i>nitidum</i>	shiny peppergrass
	Brassicaceae	<i>Caulanthus</i>	<i>californicua</i>	California jewel flower
	Chenopodiaceae	<i>Chenopodium</i>	<i>album</i>	lamb's quarter
	Chenopodiaceae	<i>Salsola</i>	<i>tragus</i>	Russian thistle
	Convolvulaceae	<i>Convolvulus</i>	<i>arvensis</i>	bindweed
	Euphorbiaceae	<i>Chamaesyce</i>	<i>ocellata ssp. ocellata</i>	prostrate spurge
	Euphorbiaceae	<i>Croton</i>	<i>setigerus</i>	dove weed
	Gerinaceae	<i>Erodium</i>	<i>cicutarium</i>	redstem filaree
	Malvaceae	<i>Malva</i>	<i>parviflora</i>	cheeseweed
	Poaceae	<i>Bromus</i>	<i>madritensis</i>	red brome
	Poaceae	<i>Hordeum</i>	<i>murinum ssp.</i>	barley
	Solanaceae	<i>Datura</i>	<i>wrightii</i>	Jimson weed
	Solanaceae	<i>Solanum</i>	<i>xanti</i>	nightshade
Zygophyllaceae	<i>Tribulus</i>	<i>terrestris</i>	puncture vine	
Study Area 2	Asteraceae	<i>Holocarpha</i>	<i>virgata ssp. Virgata</i>	tarplant
	Boraginaceae	<i>Amsinkia</i>	<i>intermedia</i>	common fiddleneck
	Brassicaceae	<i>Lepidium</i>	<i>nitidum</i>	shiny peppergrass
	Chenopodiaceae	<i>Atriplex</i>	<i>rosea</i>	tumbling orach
	Chenopodiaceae	<i>Atriplex</i>	<i>polycarpa</i>	allscale saltbush
	Chenopodiaceae	<i>Salsola</i>	<i>tragus</i>	Russian thistle
	Euphorbiaceae	<i>Chamaesyce</i>	<i>ocellata ssp. ocellata</i>	prostrate spurge
	Euphorbiaceae	<i>Croton</i>	<i>setigerus</i>	dove weed
	Gerinaceae	<i>Erodium</i>	<i>cicutarium</i>	redstem filaree
	Lamiaceae	<i>Trichostema</i>	<i>lanceolatum</i>	vinegar weed
	Poaceae	<i>Avena</i>	<i>fatua</i>	wild oat
	Poaceae	<i>Bromus</i>	<i>madritensis</i>	red brome
	Poaceae	<i>Bromus</i>	<i>hordeaceus</i>	soft chess
	Poaceae	<i>Distichlis</i>	<i>spicata</i>	salt grass
	Poaceae	<i>Hordeum</i>	<i>murinum ssp.</i>	barley
Study Area 3	Asteraceae	<i>Holocarpha</i>	<i>virgata ssp. Virgata</i>	tarplant
	Boraginaceae	<i>Amsinkia</i>	<i>intermedia</i>	common fiddleneck
	Brassicaceae	<i>Lepidium</i>	<i>nitidum</i>	shiny peppergrass
	Chenopodiaceae	<i>Atriplex</i>	<i>rosea</i>	tumbling orach
	Chenopodiaceae	<i>Atriplex</i>	<i>polycarpa</i>	allscale saltbush
	Chenopodiaceae	<i>Salsola</i>	<i>tragus</i>	Russian thistle
	Euphorbiaceae	<i>Chamaesyce</i>	<i>ocellata ssp. ocellata</i>	prostrate spurge
	Euphorbiaceae	<i>Croton</i>	<i>setigerus</i>	dove weed
	Gerinaceae	<i>Erodium</i>	<i>cicutarium</i>	redstem filaree
	Lamiaceae	<i>Trichostema</i>	<i>lanceolatum</i>	vinegar weed

Study Area	FAMILY	GENUS	SPECIES	COMMON NAME
	Polygonaceae	<i>Eriogonum</i>	<i>angulosum</i>	angle-stem wild buckwheat
	Poaceae	<i>Avena</i>	<i>fatua</i>	wild oat
	Poaceae	<i>Bromus</i>	<i>madritensis</i>	red brome
	Poaceae	<i>Bromus</i>	<i>hordeaceus</i>	soft chess
	Poaceae	<i>Distichlis</i>	<i>spicata</i>	salt grass
	Poaceae	<i>Hordeum</i>	<i>murinum ssp.</i>	barley
Study Area 4	Asteraceae	<i>Ericameria</i>	<i>linearifolia</i>	interior goldenbush
	Asteraceae	<i>Deinandra</i>	sp.	Potential rarity*
	Asteraceae	<i>Gutierrezia</i>	<i>californica</i>	California matchweed
	Boraginaceae	<i>Amsinkia</i>	<i>intermedia</i>	common fiddleneck
	Boraginaceae	<i>Phacelia</i>	<i>tanacetifolia</i>	tansy phacelia
	Brassicaceae	<i>Lepidium</i>	<i>nitidum</i>	shiny peppergrass
	Ephedraceae	<i>Ephedra</i>	<i>californicus</i>	California ephedra
	Euphorbiaceae	<i>Chamaesyce</i>	<i>ocellata ssp. ocellata</i>	prostrate spurge
	Euphorbiaceae	<i>Croton</i>	<i>setigerus</i>	dove weed
	Gerinaceae	<i>Erodium</i>	<i>cicutarium</i>	redstem filaree
	Lamiaceae	<i>Salvia</i>	<i>columbariae</i>	chia
	Lamiaceae	<i>Trichostema</i>	<i>lanceolatum</i>	vinegar weed
	Polemoniaceae	<i>Navarretia</i>	sp. chk. for rare sp.*	
	Polygonaceae	<i>Eriogonum</i>	<i>fasciculatum</i>	California buckwheat
	Poaceae	<i>Bromus</i>	<i>madritensis</i>	red brome
	Poaceae	<i>Schismus</i>	<i>arabicus</i>	Mediterranean grass
Poaceae	<i>Poa</i>	<i>secunda ssp. secunda</i>	one-sided blue grass	
Study Area 5	Asteraceae	<i>Centaurea</i>	<i>melitensis</i>	tocalote
	Boraginaceae	<i>Amsinkia</i>	<i>intermedia</i>	common fiddleneck
	Brassicaceae	<i>Lepidium</i>	<i>nitidum</i>	shiny peppergrass
	Chenopodiaceae	<i>Atriplex</i>	<i>rosea</i>	tumbling orach
	Chenopodiaceae	<i>Atriplex</i>	<i>polycarpa</i>	allscale saltbush
	Euphorbiaceae	<i>Chamaesyce</i>	<i>ocellata ssp. ocellata</i>	prostrate spurge
	Euphorbiaceae	<i>Croton</i>	<i>setigerus</i>	dove weed
	Gerinaceae	<i>Erodium</i>	<i>cicutarium</i>	redstem filaree
	Plantaginaceae	<i>Plantago</i>	<i>ovata</i>	plantain
	Polygonaceae	<i>Eriogonum</i>	<i>angulosum</i>	angle-stem buckwheat
	Polygonaceae	<i>Eriogonum</i>	<i>fasciculatum</i>	California buckwheat
	Poaceae	<i>Bromus</i>	<i>diandrus</i>	ripgut brome
	Poaceae	<i>Bromus</i>	<i>madritensis</i>	red brome
	Poaceae	<i>Schismus</i>	<i>arabicus</i>	Mediterranean grass
Poaceae	<i>Poa</i>	<i>secunda ssp. secunda</i>	one-sided blue grass	
	Asteraceae	<i>Gutierrezia</i>	<i>californica</i>	california matchweed
	Asteraceae	<i>Isocoma</i>	<i>acradenia var. bracteosa</i>	alkali goldenbush
	Asteraceae	<i>Stephanomeria</i>	<i>pauciflora</i>	wirelettuce
	Boraginaceae	<i>Amsinkia</i>	<i>intermedia</i>	common fiddleneck
	Boraginaceae	<i>Heliotropium</i>	<i>curassavicum var. osculatum</i>	alkali heliotrope
	Chenopodiaceae	<i>Atriplex</i>	<i>rosea</i>	tumbling orach
	Chenopodiaceae	<i>Atriplex</i>	<i>polycarpa</i>	allscale saltbush

Study Area	FAMILY	GENUS	SPECIES	COMMON NAME
Study Area 6	Chenopodiaceae	<i>Salsola</i>	<i>tragus</i>	Russian thistle
	Euphorbiaceae	<i>Chamaesyce</i>	<i>ocellata ssp. ocellata</i>	prostrate spurge
	Euphorbiaceae	<i>Croton</i>	<i>setigerus</i>	dove weed
	Gerinaceae	<i>Erodium</i>	<i>cicutarium</i>	redstem filaree
	Plantaginaceae	<i>Plantago</i>	<i>ovata</i>	plantain
	Polygonaceae	<i>Eriogonum</i>	<i>angulosum</i>	angle-stem buckwheat
	Polygonaceae	<i>Eriogonum</i>	<i>fasciculatum</i>	California buckwheat
	Poaceae	<i>Bromus</i>	<i>diandrus</i>	ripgut brome
	Poaceae	<i>Bromus</i>	<i>madritensis</i>	red brome
	Poaceae	<i>Distichlis</i>	<i>spicata</i>	saltgrass
	Poaceae	<i>Hordeum</i>	<i>murinum ssp.</i>	wall barley
	Poaceae	<i>Polypogon</i>	<i>monspeliensis</i>	annual beard grass
	Poaceae	<i>Poa</i>	<i>secunda ssp. secunda</i>	one-sided blue grass
	Tamaricaceae	<i>Tamarix</i>	<i>ramosissima</i>	saltcedar
Study Area 7	Punicaceae	<i>Punica</i>	<i>granatum</i>	pomegranate
	Vitaceae	<i>Vitis</i>	<i>vinifera</i>	wine grape
Study Area 8	Amaranthaceae	<i>Amaranthus</i>	<i>blitoides</i>	procumbent pigweed
	Asteraceae	<i>Baccharis</i>	<i>salicifolia ssp. salicifolia</i>	mule fat
	Asteraceae	<i>Isocoma</i>	<i>acradenia var. bracteosa</i>	alkali goldenbush
	Asteraceae	<i>Sonchus</i>	<i>oleraceus</i>	common sow thistle
	Asteraceae	<i>Xanthium</i>	<i>strumarium</i>	cocklebur
	Boraginaceae	<i>Amsinkia</i>	<i>intermedia</i>	common fiddleneck
	Boraginaceae	<i>Heliotropium</i>	<i>curassavicum var. osculatum</i>	alkali heliotrope
	Chenopodiaceae	<i>Atriplex</i>	<i>lentiformis</i>	big saltbush
	Chenopodiaceae	<i>Salsola</i>	<i>tragus</i>	Russian thistle
	Euphorbiaceae	<i>Chamaesyce</i>	<i>ocellata ssp. ocellata</i>	prostrate spurge
	Euphorbiaceae	<i>Croton</i>	<i>setigerus</i>	dove weed
	Gerinaceae	<i>Erodium</i>	<i>cicutarium</i>	redstem filaree
	Poaceae	<i>Bromus</i>	<i>diandrus</i>	ripgut brome
	Poaceae	<i>Bromus</i>	<i>madritensis</i>	red brome
Solanaceae	<i>Datura</i>	<i>wrightii</i>	Jimson weed	
Solanaceae	<i>Nicotiana</i>	<i>glauca</i>	tree tobacco	
Tamaricaceae	<i>Tamarix</i>	<i>ramosissima</i>	saltcedar	
Study Area 9	Amaranthaceae	<i>Amaranthus</i>	<i>blitoides</i>	procumbent pigweed
	Boraginaceae	<i>Amsinkia</i>	<i>intermedia</i>	common fiddleneck
	Chenopodiaceae	<i>Chenopodium</i>	<i>album</i>	lamb's quarter
	Convolvulaceae	<i>Convolvulus</i>	<i>arvensis</i>	bindweed
	Euphorbiaceae	<i>Chamaesyce</i>	<i>ocellata ssp. ocellata</i>	prostrate spurge
	Gerinaceae	<i>Erodium</i>	<i>cicutarium</i>	redstem filaree
	Malvaceae	<i>Malva</i>	<i>parviflora</i>	cheeseweed
	Poaceae	<i>Poa</i>	<i>annua</i>	annual blue grass
	Poaceae	<i>Bromus</i>	<i>madritensis</i>	red brome
	Poaceae	<i>Sporobolus</i>	<i>airoides</i>	alkali sacaton
Solanaceae	<i>Solanum</i>	<i>xanti</i>	nightshade	

Study Area	FAMILY	GENUS	SPECIES	COMMON NAME
Study Area 10	Amaranthaceae	<i>Amaranthus</i>	<i>blitoides</i>	procumbent pigweed
	Asteraceae	<i>Ambrosia</i>	<i>acanthicarpa</i>	annual bur-sage
	Asteraceae	<i>Helianthus</i>	<i>californicus</i>	California sunflower
	Asteraceae	<i>Isocoma</i>	<i>acradenia var. bracteosa</i>	alkali goldenbush
	Boraginaceae	<i>Amsinkia</i>	<i>intermedia</i>	common fiddleneck
	Brassicaceae	<i>Hirschfeldia</i>	<i>incana</i>	summer mustard
	Brassicaceae	<i>Lepidium</i>	<i>nitidum</i>	shiny peppergrass
	Chenopodiaceae	<i>Chenopodium</i>	<i>album</i>	lamb's quarter
	Chenopodiaceae	<i>Chenopodium</i>	<i>sp.</i>	
	Chenopodiaceae	<i>Salsola</i>	<i>tragus</i>	Russian thistle
	Convolvulaceae	<i>Convolvulus</i>	<i>arvensis</i>	bindweed
	Euphorbiaceae	<i>Chamaesyce</i>	<i>ocellata ssp. ocellata</i>	prostrate spurge
	Euphorbiaceae	<i>Croton</i>	<i>setigerus</i>	dove weed
	Gerinaceae	<i>Erodium</i>	<i>cicutarium</i>	redstem filaree
	Malvaceae	<i>Malva</i>	<i>parviflora</i>	cheeseweed
	Myrtaceae	<i>Eucalyptus</i>	<i>camaldulensis</i>	red gum
	Palmae			Introduced Palm
	Poaceae	<i>Avena</i>	<i>fatua</i>	wild oats
	Poaceae	<i>Bromus</i>	<i>diandrus</i>	ripgut brome
	Poaceae	<i>Bromus</i>	<i>madritensis</i>	red brome
	Poaceae	<i>Distichilis</i>	<i>spicata</i>	saltgrass
Poaceae	<i>Hordeum</i>	<i>murinum ssp.</i>	barley	
Solanaceae	<i>Datura</i>	<i>wrightii</i>	Jimson weed	
Solanaceae	<i>Nicotiana</i>	<i>glauca</i>	tree tobacco	
Solanaceae	<i>Solanum</i>	<i>xanti</i>	nightshade	
Zygophyllaceae	<i>Tribulus</i>	<i>terrestris</i>	puncture vine	
Study Area 11	Amaranthaceae	<i>Amaranthus</i>	<i>blitoides</i>	procumbent pigweed
	Chenopodiaceae	<i>Chenopodium</i>	<i>album</i>	lamb's quarter
	Chenopodiaceae	<i>Salsola</i>	<i>tragus</i>	Russian thistle
	Convolvulaceae	<i>Cressa</i>	<i>truxillensis</i>	alkali weed
	Euphorbiaceae	<i>Chamaesyce</i>	<i>ocellata ssp. ocellata</i>	prostrate spurge
	Gerinaceae	<i>Erodium</i>	<i>cicutarium</i>	redstem filaree
	Martyniaceae	<i>Proboscideae</i>	<i>lutea</i>	unicorn plant
	Poaceae	<i>Bromus</i>	<i>carinatus</i>	California brome
	Salicaceae	<i>Salix</i>	<i>goodingii</i>	Gooding's black willow
	Solanaceae	<i>Datura</i>	<i>wrightii</i>	Jimson weed
	Tamaricaceae	<i>Tamarix</i>	<i>ramosissima</i>	saltcedar
Area 12	Asteraceae	<i>Erigeron</i>	<i>canadensis</i>	horseweed
	Boraginaceae	<i>Amsinkia</i>	<i>intermedia</i>	common fiddleneck
	Chenopodiaceae	<i>Chenopodium</i>	<i>album</i>	lamb's quarter
	Chenopodiaceae	<i>Salsola</i>	<i>tragus</i>	Russian thistle
	Convolvulaceae	<i>Convolvulus</i>	<i>arvensis</i>	bindweed
	Euphorbiaceae	<i>Chamaesyce</i>	<i>ocellata ssp. ocellata</i>	prostrate spurge
	Euphorbiaceae	<i>Croton</i>	<i>setigerus</i>	dove weed
Gerinaceae	<i>Erodium</i>	<i>cicutarium</i>	redstem filaree	

Study Area	FAMILY	GENUS	SPECIES	COMMON NAME
Study Area 12	Malvaceae	<i>Malva</i>	<i>parviflora</i>	cheeseweed
	Poaceae	<i>Avena</i>	<i>fatua</i>	wild oat
	Poaceae	<i>Cynodon</i>	<i>dactylon</i>	Bermuda grass
	Poaceae	<i>Hordeum</i>	<i>murinum ssp.</i>	barley
	Salicaceae	<i>Populus</i>	<i>freemontii</i>	Freemont cottonwood
	Solanaceae	<i>Datura</i>	<i>wrightii</i>	Jimson weed
	Solanaceae	<i>Solanum</i>	<i>xanti</i>	nightshade
	Zygophyllaceae	<i>Tribulus</i>	<i>terrestris</i>	puncture vine
Study Area 13	Amaranthaceae	<i>Amaranthus</i>	<i>blitoides</i>	procumbent pigweed
	Asteraceae	<i>Erigeron</i>	<i>canadensis</i>	horseweed
	Asteraceae	<i>Lactuca</i>	<i>serriola</i>	prickly lettuce
	Boraginaceae	<i>Amsinkia</i>	<i>intermedia</i>	common fiddleneck
	Brassicaceae	<i>Lepidium</i>	<i>nitidum</i>	shiny peppergrass
	Cactaceae	<i>Opuntia</i>	<i>ficus-indica</i>	Mission prickly pear
	Chenopodiaceae	<i>Atriplex</i>	<i>roseum</i>	tumbling orach
	Chenopodiaceae	<i>Chenopodium</i>	<i>album</i>	lamb's quarter
	Chenopodiaceae	<i>Salsola</i>	<i>tragus</i>	Russian thistle
	Convolvulaceae	<i>Convolvulus</i>	<i>arvensis</i>	bindweed
	Convolvulaceae	<i>Cressa</i>	<i>truxillensis</i>	alkali weed
	Euphorbiaceae	<i>Chamaesyce</i>	<i>ocellata ssp. ocellata</i>	prostrate spurge
	Euphorbiaceae	<i>Croton</i>	<i>setigerus</i>	dove weed
	Gerinaceae	<i>Erodium</i>	<i>cicutarium</i>	redstem filaree
	Lamiaceae	<i>Trichostema</i>	<i>lanceolatum</i>	vinegar weed
	Malvaceae	<i>Malva</i>	<i>parviflora</i>	cheeseweed
	Onagraceae	<i>Epilobium</i>	<i>sp.</i>	
	Poaceae	<i>Avena</i>	<i>fatua</i>	wild oat
	Poaceae	<i>Bromus</i>	<i>carinatus</i>	California brome
	Poaceae	<i>Bromus</i>	<i>madritensis</i>	red brome
	Poaceae	<i>Cynodon</i>	<i>dactylon</i>	Bermuda grass
	Poaceae	<i>Hordeum</i>	<i>murinum ssp.</i>	barley
	Salicaceae	<i>Populus</i>	<i>freemontii</i>	Freemont cottonwood
	Solanaceae	<i>Datura</i>	<i>wrightii</i>	Jimson weed
	Solanaceae	<i>Solanum</i>	<i>xanti</i>	nightshade
	Zygophyllaceae	<i>Tribulus</i>	<i>terrestris</i>	puncture vine

WETLAND DETERMINATION DATA FORM – Arid West Region

Project Site: PVS Study Area 6 City/County: NA/Fresno Sampling Date: 9/18/2014
 Applicant/Owner: PV2 State: CA Sampling Point: Wetland 1
 Investigator(s): Russell Kokx, Morgan Edel, Julianne Wooten Section, Township, Range: S16. T15S. R12E
 Landform (hillslope, terrace, etc.): dry creek bed Local relief (concave, convex, none): none Slope (%): 0
 Subregion (LRR): _____ Lat: 36.626284° Long: -120.661358° Datum: NAD83
 Soil Map Unit Name: Cerini-Anela-Fluvaquents, saline-Sodic association NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Remarks: <u>Panoche Creek</u>					

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test Worksheet:																
1. _____	_____	_____	_____	Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A) Total Number of Dominant Species Across All Strata: _____ (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)																
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
50% = _____, 20% = _____	_____	= Total Cover		Prevalence Index worksheet: <table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">Total % Cover of:</td> <td style="text-align: center;">Multiply by:</td> </tr> <tr> <td>OBL species _____</td> <td>x1 = _____</td> </tr> <tr> <td>FACW species <u>20</u></td> <td>x2 = <u>40</u></td> </tr> <tr> <td>FAC species <u>30</u></td> <td>x3 = <u>90</u></td> </tr> <tr> <td>FACU species _____</td> <td>x4 = _____</td> </tr> <tr> <td>UPL species _____</td> <td>x5 = _____</td> </tr> <tr> <td>Column Totals: <u>50</u> (A)</td> <td><u>130</u> (B)</td> </tr> <tr> <td colspan="2" style="text-align: center;">Prevalence Index = B/A = <u>2.6</u></td> </tr> </table>	Total % Cover of:	Multiply by:	OBL species _____	x1 = _____	FACW species <u>20</u>	x2 = <u>40</u>	FAC species <u>30</u>	x3 = <u>90</u>	FACU species _____	x4 = _____	UPL species _____	x5 = _____	Column Totals: <u>50</u> (A)	<u>130</u> (B)	Prevalence Index = B/A = <u>2.6</u>	
Total % Cover of:	Multiply by:																			
OBL species _____	x1 = _____																			
FACW species <u>20</u>	x2 = <u>40</u>																			
FAC species <u>30</u>	x3 = <u>90</u>																			
FACU species _____	x4 = _____																			
UPL species _____	x5 = _____																			
Column Totals: <u>50</u> (A)	<u>130</u> (B)																			
Prevalence Index = B/A = <u>2.6</u>																				
Sapling/Shrub Stratum (Plot size: _____)																				
1. _____	_____	_____	_____	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> Dominance Test is >50% <input checked="" type="checkbox"/> Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.																
2. _____	_____	_____	_____																	
3. _____	_____	_____	_____																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
50% = _____, 20% = _____	_____	= Total Cover																		
Herb Stratum (Plot size: <u>i m</u>)																				
1. <u>Distichlis spicata</u>	<u>25</u>	<u>yes</u>	<u>FAC</u>																	
2. <u>Polypogon monspeliensis</u>	<u>20</u>	<u>no</u>	<u>FACW</u>																	
3. <u>Tamarix ramosissima</u>	<u>5</u>	<u>no</u>	<u>FAC</u>																	
4. _____	_____	_____	_____																	
5. _____	_____	_____	_____																	
6. _____	_____	_____	_____																	
7. _____	_____	_____	_____																	
8. _____	_____	_____	_____																	
50% = _____, 20% = _____	_____	= Total Cover																		
Woody Vine Stratum (Plot size: _____)																				
1. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																
2. _____	_____	_____	_____																	
50% = _____, 20% = _____	_____	= Total Cover																		
% Bare Ground in Herb Stratum <u>50</u>	% Cover of Biotic Crust _____																			
Remarks: _____																				

SOIL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (Moist)	%	Type ¹	Loc ²		
4	2.5Y 5/4	100	_____	_____	_____	_____	loamy sand	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____

¹Type: C= Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5) **(LRR C)**
- 1 cm Muck (A9) **(LRR D)**
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Mucky Mineral (S1)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)
- Loamy Mucky Mineral (F1)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Vernal Pools (F9)

Indicators for Problematic Hydric Soils³:

- 1 cm Muck (A9) **(LRR C)**
- 2 cm Muck (A10) **(LRR B)**
- Reduced Vertic (F18)
- Red Parent Material (TF2)
- Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____
 Depth (Inches): _____

Hydric Soils Present? Yes No

Remarks: Point within Panoche Creek inundated only after storm event.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

Secondary Indicators (2 or more required)

<input type="checkbox"/> Surface Water (A1)	<input checked="" type="checkbox"/> Salt Crust (B11)	<input checked="" type="checkbox"/> Water Marks (B1) (Riverine)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Biotic Crust (B12)	<input checked="" type="checkbox"/> Sediment Deposits (B2) (Riverine)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Aquatic Invertebrates (B13)	<input checked="" type="checkbox"/> Drift Deposits (B3) (Riverine)
<input type="checkbox"/> Water Marks (B1) (Nonriverine)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Sediment Deposits (B2) (Nonriverine)	<input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Drift Deposits (B3) (Nonriverine)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Crayfish Burrows (C8)
<input checked="" type="checkbox"/> Surface Soil Cracks (B6)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes No Depth (inches): _____
 Water Table Present? Yes No Depth (inches): _____
 Saturation Present? (includes capillary fringe) Yes No Depth (inches): _____

Wetland Hydrology Present? Yes No

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Arid West Region

Project Site: PVS Study Area 6 City/County: NA/Fresno Sampling Date: 9/18/2014
 Applicant/Owner: PV2 State: CA Sampling Point: Upland 1
 Investigator(s): Russell Kokx, Morgan Edel, Julianne Wooten Section, Township, Range: S16. T15S. R12E
 Landform (hillslope, terrace, etc.): dry creek bed Local relief (concave, convex, none): none Slope (%): 0
 Subregion (LRR): _____ Lat: 36.626357° Long: -120.661423° Datum: NAD83
 Soil Map Unit Name: Cerini-Anela-Fluvaquents, saline-Sodic association NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Wetland Hydrology Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Remarks:					

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test Worksheet:																								
1. <u>Tamarix ramosissima</u>	<u>30</u>	<u>yes</u>	<u>FAC</u>	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)																								
2. _____	_____	_____	_____	Total Number of Dominant Species Across All Strata: 3 (B)																								
3. _____	_____	_____	_____	Percent of Dominant Species That Are OBL, FACW, or FAC: 33 (A/B)																								
4. _____	_____	_____	_____																									
50% = _____, 20% = _____	<u>30</u>	= Total Cover																										
Sapling/Shrub Stratum (Plot size: _____)																												
1. _____	_____	_____	_____	Prevalence Index worksheet: <table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"><u>Total % Cover of :</u></td> <td style="text-align: center;"><u>Multiply by:</u></td> </tr> <tr> <td>OBL species</td> <td style="text-align: center;">_____</td> <td>x1 = _____</td> </tr> <tr> <td>FACW species</td> <td style="text-align: center;">_____</td> <td>x2 = _____</td> </tr> <tr> <td>FAC species</td> <td style="text-align: center;"><u>30</u></td> <td>x3 = <u>90</u></td> </tr> <tr> <td>FACU species</td> <td style="text-align: center;"><u>30</u></td> <td>x4 = <u>120</u></td> </tr> <tr> <td>UPL species</td> <td style="text-align: center;">_____</td> <td>x5 = _____</td> </tr> <tr> <td>Column Totals:</td> <td style="text-align: center;"><u>60 (A)</u></td> <td style="text-align: center;"><u>210 (B)</u></td> </tr> <tr> <td colspan="3" style="text-align: center;">Prevalence Index = B/A = <u>3.5</u></td> </tr> </table>	<u>Total % Cover of :</u>		<u>Multiply by:</u>	OBL species	_____	x1 = _____	FACW species	_____	x2 = _____	FAC species	<u>30</u>	x3 = <u>90</u>	FACU species	<u>30</u>	x4 = <u>120</u>	UPL species	_____	x5 = _____	Column Totals:	<u>60 (A)</u>	<u>210 (B)</u>	Prevalence Index = B/A = <u>3.5</u>		
<u>Total % Cover of :</u>		<u>Multiply by:</u>																										
OBL species	_____	x1 = _____																										
FACW species	_____	x2 = _____																										
FAC species	<u>30</u>	x3 = <u>90</u>																										
FACU species	<u>30</u>	x4 = <u>120</u>																										
UPL species	_____	x5 = _____																										
Column Totals:	<u>60 (A)</u>	<u>210 (B)</u>																										
Prevalence Index = B/A = <u>3.5</u>																												
2. _____	_____	_____	_____																									
3. _____	_____	_____	_____																									
4. _____	_____	_____	_____																									
5. _____	_____	_____	_____																									
50% = _____, 20% = _____	_____	= Total Cover																										
Herb Stratum (Plot size: <u>i m</u>)																												
1. <u>Bromus madritensis</u>	<u>20</u>	<u>no</u>	<u>FACU</u>	Hydrophytic Vegetation Indicators: <input type="checkbox"/> Dominance Test is >50% <input type="checkbox"/> Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.																								
2. <u>Erodium cicutarium</u>	<u>10</u>	<u>no</u>	<u>FACU</u>																									
3. _____	_____	_____	_____																									
4. _____	_____	_____	_____																									
5. _____	_____	_____	_____																									
6. _____	_____	_____	_____																									
7. _____	_____	_____	_____																									
8. _____	_____	_____	_____																									
50% = _____, 20% = _____	_____	= Total Cover																										
Woody Vine Stratum (Plot size: _____)																												
1. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>																								
2. _____	_____	_____	_____																									
50% = _____, 20% = _____	_____	= Total Cover																										
% Bare Ground in Herb Stratum <u>40</u>	% Cover of Biotic Crust _____																											
Remarks:																												

SOIL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (Moist)	%	Type ¹	Loc ²		
8	10YR 4/4	100	_____	_____	_____	_____	sandy loam	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____

¹Type: C= Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)		Indicators for Problematic Hydric Soils³:	
<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Redox (S5)	<input type="checkbox"/> 1 cm Muck (A9) (LRR C)	
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Stripped Matrix (S6)	<input type="checkbox"/> 2 cm Muck (A10) (LRR B)	
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Loamy Mucky Mineral (F1)	<input type="checkbox"/> Reduced Vertic (F18)	
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	<input type="checkbox"/> Red Parent Material (TF2)	
<input type="checkbox"/> Stratified Layers (A5) (LRR C)	<input type="checkbox"/> Depleted Matrix (F3)	<input type="checkbox"/> Other (Explain in Remarks)	
<input type="checkbox"/> 1 cm Muck (A9) (LRR D)	<input type="checkbox"/> Redox Dark Surface (F6)		
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Redox Dark Surface (F7)		
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Redox Depressions (F8)		
<input type="checkbox"/> Sandy Mucky Mineral (S1)	<input type="checkbox"/> Vernal Pools (F9)		
<input type="checkbox"/> Sandy Gleyed Matrix (S4)			

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):	Hydric Soils Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Type: _____	
Depth (Inches): _____	

Remarks: _____

HYDROLOGY

Wetland Hydrology Indicators:	
Primary Indicators (minimum of one required; check all that apply)	Secondary Indicators (2 or more required)
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Salt Crust (B11)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Biotic Crust (B12)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Aquatic Invertebrates (B13)
<input type="checkbox"/> Water Marks (B1) (Nonriverine)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)
<input type="checkbox"/> Sediment Deposits (B2) (Nonriverine)	<input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3)
<input type="checkbox"/> Drift Deposits (B3) (Nonriverine)	<input type="checkbox"/> Presence of Reduced Iron (C4)
<input type="checkbox"/> Surface Soil Cracks (B6)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Thin Muck Surface (C7)
<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Other (Explain in Remarks)
	<input type="checkbox"/> Water Marks (B1) (Riverine)
	<input type="checkbox"/> Sediment Deposits (B2) (Riverine)
	<input checked="" type="checkbox"/> Drift Deposits (B3) (Riverine)
	<input type="checkbox"/> Drainage Patterns (B10)
	<input type="checkbox"/> Dry-Season Water Table (C2)
	<input type="checkbox"/> Crayfish Burrows (C8)
	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
	<input type="checkbox"/> Shallow Aquitard (D3)
	<input type="checkbox"/> FAC-Neutral Test (D5)

Field Observations:		Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Surface Water Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): _____	
Water Table Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): _____	
Saturation Present? (includes capillary fringe)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): _____	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: _____

Remarks: _____