

APPENDIX J

Plant and Animal Species Observed

PLANT SPECIES OBSERVED ON SITE

Hollister WWTP EIR

Scientific Name	Common Name
AMARANTHACEAE	AMARANTH FAMILY
<i>Amaranthus albus*</i>	Tumbleweed
<i>Amaranthus blitoides</i>	Prostrate amaranth
ANACARDIACEAE	SUMAC FAMILY
<i>Schinus terebinthifolius*</i>	Brazilian pepper tree
<i>Schinus molle*</i>	Peruvian pepper tree
<i>Toxicodendron diversilobum</i>	Poison oak
APIACEAE	CARROT FAMILY
<i>Anthriscus caucalis*</i>	Bur chervil
<i>Berula erecta</i>	Water parsnip
<i>Conium maculatum*</i>	Poison-hemlock
<i>Daucus carota*</i>	Wild carrot
<i>Daucus pusillus</i>	American wild carrot
<i>Foeniculum vulgare*</i>	Sweet fennel
<i>Sanicula crassicaoulis</i>	Pacific sanicle
<i>Torilis arvensis*</i>	Torilis (hedge parsley)
ASCLEPIADACEAE	MILKWEED FAMILY
<i>Asclepias fascicularis</i>	Narrow-leaf milkweed
<i>Asclepias californica</i>	California milkweed
ASTERACEAE	SUNFLOWER FAMILY
<i>Achillea millefolium</i>	Common yarrow
<i>Achyrrachaena mollis</i>	Blow wives
<i>Ambrosia acanthicarpa</i>	Annual turweed
<i>Ambrosia psilostachya</i>	Naked-spike ragweed
<i>Anaphallis margaritaceae</i>	Pearly everlasing
<i>Anthemis cotula*</i>	Mayweed
<i>Arnica species</i>	Arnica
<i>Artemisia tridentata</i>	Big sagebrush
<i>Baccharis pilularis</i>	Coyote Brush
<i>Baccharis salicifolia</i>	Sticky false-willow
<i>Carduus pycnocephalus*</i>	Italian thistle
<i>Centaurea iberica*</i>	Iberian knapweed
<i>Centaurea solstitialis*</i>	Yellow star-thistle
<i>Chamomilla suaveolens*</i>	Pineapple weed
<i>Cichorium intybus*</i>	Chicory
<i>Cirsium occidentale</i>	Cobweb thistle

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<i>Cirsium vulgare*</i>	Bull thistle
<i>Conyza bonariensis*</i>	Horseweed
<i>Conyza canadensis</i>	Canada horseweed
<i>Cotula cornopifolia*</i>	Brass buttons
<i>Crepis</i> species	Hawksbeard
<i>Gnaphalium luteo-album*</i>	Weedy cudweed
<i>Heliotropium curassavicum</i>	Seaside heliotrope
<i>Hemizonia congesta</i> ssp. <i>luzulifolia</i>	Hayfield tarweed
<i>Hemizonia corymbosa</i> ssp. <i>corymbosa</i>	Coastal tarweed
<i>Hemizonia pungens</i> ssp. <i>pungens</i>	Common tarweed
<i>Heterotheca grandiflora</i>	Telegraph weed
<i>Hypochaeris glabra*</i>	Smooth cat's-ear
<i>Isocoma aracadenia</i> var. <i>bracteosa</i>	Alkali goldenbush
<i>Lactuca serriola*</i>	Prickly lettuce
<i>Lagophylla</i> species	Lagophylla
<i>Lasthenia glaberrima</i>	Rayless goldfields
<i>Lasthenia</i> species	Goldfields
<i>Microseris douglasii</i>	Douglas' microseris
<i>Picris echioides*</i>	Bristly oxtongue
<i>Senecio vulgaris*</i>	Common groundsel
<i>Silybum marianum*</i>	Milk thistle
<i>Sonchus asper*</i>	Prickly sowthistle
<i>Sonchus oleraceus*</i>	Common sowthistle
<i>Taraxacum officinale*</i>	Common dandelion
<i>Tragopogon</i> species*	Goat's beard
<i>Xanthium spinosum</i>	Spiny cockle-bur
<i>Xanthium strumarium</i>	Rough cockle-bur
BORAGINACEAE	BORAGE FAMILY
<i>Amsinckia menziesii</i>	Rancher's fireweed
<i>Cryptantha</i> species	Cryptantha
<i>Heliotropium curassavicum</i>	Seaside heliotrope
<i>Plagiobothrys undulatus</i>	Coast popcorn-flower
BRASSICACEAE	MUSTARD FAMILY
<i>Arabis</i> species	Rock cress
<i>Brassica rapa*</i>	Field mustard
<i>Brassica nigra*</i>	Black mustard
<i>Capsella bursa-pastoris*</i>	Shepherd common purse
<i>Hirschfeldia incana*</i>	Shortpod mustard
<i>Lepidium latifolium*</i>	Broad-leaf pepper grass
<i>Lepidium</i> species	Pepper grass
<i>Raphanus raphanistrum*</i>	Yellow wild radish
<i>Raphanus sativus*</i>	Purple wild radish

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Rorippa curvisiliqua
Rorippa nasturtium-aquaticum
Thysanocarpus radicans

Yellow cress
Water cress
Fringepod

CAPRIFOLIACEAE

Sambucus mexicana

HONEYSUCKEL FAMILY

Blue elderberry

CARYOPHYLLACEAE

*Cerastium glomeratum**
*Spergula arvensis**

PINK FAMILY

Mouse-ear chickweed
Spurrey

CHEENOPODIACEAE

Atriplex lentiformis ssp. *lentiformis*
*Atriplex semibaccata**
Atriplex serenana var. *serenana*
*Beta vulgaris**
Chenopodium berlandieri
*Salsola tragus**

GOOSEFOOT FAMILY

Big saltbush
Australian saltbush
Bractscale
Common beet
Pit-seed goosefoot
Russian thistle

CONVOLVULACEAE

*Convolvulus arvensis**

MORNING-GLORY FAMILY

Morning glory

CUCURBITACEAE

Marah fabaceus

GOURD FAMILY

Wild cucumber

CYPERACEAE

Carex species
Eleocharis acicularis
Eleocharis macrostachya
Scirpus pungens
Scirpus species

SEDGE FAMILY

Sedge
Least spikerush
Creeping spikerush
Three square
Bulrush

EUPHORBIACEAE

*Chamaesyce maculatum**
Eremocarpus setigerus
Glycyrrhiza lepidota

SPURGE FAMILY

Spotted spurge
Turkey mullein
Wild licorice

FABACEAE

Astragalus gambelianus
*Lotus corniculatus**
Lupinus microcarpus
*Medicago polymorpha**
*Melilotus alba**
*Melilotus indica**

LEGUME FAMILY

Dwarf milkvetch
Birdsfoot trefoil
Chick lupine
Bur clover
White sweetclover
Sweetclover

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<i>Robinia pseudoacacia*</i>	Black locust
<i>Trifolium depauperatum</i> var. <i>amplectens</i>	Pale sack clover
<i>Trifolium fragiferum*</i>	Strawberry clover
<i>Vicia sativa*</i>	Spring vetch
<i>Vicia villosa*</i>	Winter vetch
FAGACEAE	OAK FAMILY
<i>Quercus agrifolia</i>	Coast live oak
<i>Quercus garryana</i>	Oregon white oak
<i>Quercus wislizenii</i>	Interior live oak
FRANKENIACEAE	FRANKENIA FAMILY
<i>Frankenia salina</i>	Alkali heath
GERANIACEAE	GERANIUM FAMILY
<i>Erodium botrys*</i>	Filaree
<i>Erodium cicutarium*</i>	Filaree
<i>Erodium moschatum*</i>	White-stem filaree
<i>Geranium dissectum*</i>	Cut-leaf geranium
<i>Geranium molle*</i>	Hairy geranium
HAMMELIDACEAE	WITCH-HAZEL FAMILY
<i>Liquidambar styraciflua*</i>	Sweetgum
HIPPOCASTANACEAE	BUCKEYE FAMILY
<i>Aesculus californica</i>	California buckeye
HYDROPHYLLACEAE	WATERLEAF FAMILY
<i>Nemophila</i> species	Baby blue eyes
<i>Phacelia</i> species	Phacelia
ISOETACEAE	QUILLWORT FAMILY
<i>Isoetes</i> species	Quillwort
JUGLANDACEAE	WALNUT FAMILY
<i>Juglans californica</i>	California black walnut
<i>Juglans regia*</i>	English walnut
JUNCACEAE	RUSH FAMILY
<i>Juncus bufonius</i>	Toad rush
<i>Juncus capitatus*</i>	Capped rush
<i>Juncus</i> species	Rush
LAMIACEAE	MINT FAMILY

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*Marrubium vulgare**
Pogogyne species
Scutellaria tuberosa
Stachys ajugoides
Trichostema lanceolatum

Common horehound
Mesamint
Common skullcap
Hedge-nettle
Vinegar weed

LEMNACEAE

Lemna species

DUCKWEED FAMILY

Duckweed

LILIACEAE

Brodiaea species
Triteleia hyacinthina
Triteleia laxa

LILY FAMILY

Brodiaea
White brodiaea
Ithural's spear

LYTHRACEAE

*Lythrum hyssopifolia**
*Lythrum tribracteatum**

LOOSESTRIFE FAMILY

Hyssop loosestrife
Three-bracted loosestrife

MALVACEAE

*Malva neglecta**
*Malva parviflora**
Malvella leprosa

MALLOW FAMILY

Common mallow
Cheeseweed
Alkali-mallow

MORACEAE

*Ficus carica**

MULBERRY FAMILY

Fig

MYRTACEAE

Eucalyptus species

MYRTLE FAMILY

Eucalyptus

ONAGRACEAE

Camissonia ovata
Epilobium brachycarpum
Epilobium ciliatum
Ludwigia peploides ssp. peploides

EVENING PRIMROSE FAMILY

Sun cup
Panicked willow-herb
Slender willow-herb
Water primrose

PAPAVERACEAE

Eschscholzia californica

POPPY FAMILY

California poppy

PINACEAE

Pinus sabiniana

PINE FAMILY

Gray pine

PLANTAGINACEAE

*Plantago coronopus**
Plantago erecta

PLANTAIN FAMILY

Cut-leaf plantain
Plantain

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*Plantago lanceolata**
*Plantago major**

English plantain
 Broad-leaf plantain

POACEAE

*Aira caryophyllaea**
Alopecurus saccatus
*Avena barbata**
*Avena fatua**
*Briza minor**
Bromus carinatus
*Bromus diandrus**
*Bromus hordeaceus**
*Bromus trinitii**
*Crypsis schoenoides**
*Cynodon dactylon**
Deschampsia danthonioides
Distichlis spicata
Elymus glaucus
*Gastridium ventricosum**
Hordeum brachyantherum
*Hordeum marinum**
*Hordeum murinum**
Leymus triticoides
*Lolium multiflorum**
Nassella pulchra
*Phalaris aquatica**
*Phalaris canariensis**
Phalaris lemmonii
*Phalaris minor**
*Poa annua**
*Polypogon interruptus**
*Polypogon monspeliensis**
*Taeniatherum caput-medusae**
*Triticum aestivum**
*Vulpia bromoides**
*Vulpia myuros**

GRASS FAMILY

Hairgrass
 Pacific foxtail
 Slender wild oat
 Wild oat
 Little quaking grass
 California brome
 Rippgut brome
 Soft brome
 Chilean chess
 Swamp grass
 Bermuda grass
 Annual hairgrass
 Inland saltgrass
 Blue wild-rye
 Nit grass
 Meadow barley
 Mediterranean barley
 Barley
 Creeping wildrye
 Ryegrass
 Purple needle grass
 Harding grass
 Common canary grass
 Lemon's canary grass
 Littleseed canary grass
 Annual bluegrass
 Beard grass
 Annual rabbit-foot grass
 Medusa-head grass
 Cultivated wheat
 Brome fescue
 Rat-tail vulpia

POLYGONACEAE

Eriogonum fasciculatum var. *polifolium*
*Polygonum arenastrum**
*Rumex acetosella**
*Rumex crispus**
*Rumex pulcher**

BUCKWHEAT FAMILY

California buckwheat
 Prostrate knotweed
 Sheep sorrel
 Curly dock
 Fiddle dock

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PORTULACACEAE

*Portulaca oleraceae**
Claytonia perfoliata ssp. *mexicana*

PRIMULACEAE

*Anagallis arvensis**

ROSACEAE

Heteromeles arbutifolia
Rosa californica

RUBIACEAE

Galium species

SALICACEAE

Populus fremontii
Salix exigua
Salix hindsiana
Salix laevigata
Salix lasiolepis

SCROPHULARIACEAE

*Bellardia trixago**
Castilleja exserta
Castilleja species
Mimulus guttatus
Triphysaria eriantha
Veronica americana

SOLANACEAE

*Nicotiana glauca**
Petunia parviflora
Solanum umbelliferum

TYPHACEAE

Typha domingensis

URTICACEAE

Urtica dioica

VERBENACEAE

Phyla nodiflora

PURSLANE FAMILY

Common purslane
Miner's lettuce

PRIMROSE FAMILY

Scarlet pimpernel

ROSE FAMILY

Toyon
California rose

MADDER FAMILY

Bedstraw

WILLOW FAMILY

Fremont cottonwood
Sandbar willow
Sandbar willow
Red willow
Arroyo willow

FIGWORT FAMILY

Mediterranean Lineseed
Purple owl's clover
Paintbrush
Common large monkey-flower
Butter and eggs
American brooklime

NIGHTSHADE FAMILY

Tree tobacco
Wild petunia
Blue witch

CATTAIL FAMILY

Southern cattail

NETTLE FAMILY

Stinging nettle

VERVAIN FAMILY

Common frog-fruit

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ZYGOPHYLLACEAE

*Tribulus terrestris**

CALTROP FAMILY

Puncture vine

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Scientific Name	Common Name
MAMMALS	
CANIDAE	
<i>Canis latrans</i>	Coyote
CERVIDAE	
<i>Odocoileus hemionus</i>	Mule deer
LEPORIDAE	
<i>Lepus californicus</i>	Black-tailed jackrabbit
<i>Sylvilagus audubonii</i>	Audubon's cottontail
MUSTELIDAE	
<i>Mephitis mephitis</i>	Striped skunk
SCIURIDAE	
<i>Spermophilus beecheyi</i>	California ground squirrel
AMPHIBIANS	
AMBYSTOMATIDAE	
<i>Ambystoma californiense</i>	California tiger salamander
REPTILES	
COLUBREDAE	
<i>Pituophis catenifer</i>	Gopher snake
PHRYNOSOMATIDAE	
<i>Sceloporus occidentalis</i>	Western fence lizard
BIRDS	
ACCIPITRIDAE	
<i>Aquila chrysaetos</i>	Golden eagle
<i>Buteo jamaicensis</i>	Red-tailed hawk
<i>Buteo lineatus</i>	Red-shouldered hawk
<i>Circus cyaneus</i>	Northern harrier
<i>Elanus leucurus</i>	White-tailed kite

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AEGITHALIDAE <i>Psaltriparus minumus</i>	Bushtit
ANATIDAE <i>Anas platyrhynchos</i>	Mallard
CATHARTIDAE <i>Cathartes aura</i>	Turkey vulture
CHARADRIIDAE <i>Charadrius vociferous</i>	Killdeer
COLUMBIDAE <i>Columba livia</i> <i>Zenaida macroura</i>	Rock dove Mourning dove
CORVIDAE <i>Aphelocoma californica</i> <i>Corvus brachyrhynchos</i> <i>Corvus corax</i>	Western scrub-jay American crow Common raven
EMBERIZIDAE <i>Junco hyemalis</i> <i>Melospiza melodia</i> <i>Pipilo crissalis</i> <i>Zonotrichia leucophrys</i>	Dark-eyed junco Song sparrow California towhee White-crowned sparrow
FALCONIDAE <i>Falco sparverius</i>	American kestrel
FRINGILLIDAE <i>Carduelis lawrencei</i> <i>Carpodacus mexicanus</i>	Lawrence's goldfinch House finch
HIRUNDINIDAE <i>Hirundo rustica</i> <i>Petrochelidon pyrrhonota</i> <i>Stelgidopteryx serripennis</i> <i>Tachycineta bicolor</i>	Barn swallow Cliff swallow Northern rough-winged swallow Tree swallow
ICTERIDAE <i>Agelaius phoeniceus</i> <i>Agelaius tricolor</i> <i>Euphagus cyanocephalus</i> <i>Molothrus ater</i> <i>Sturnella neglecta</i>	Red-winged blackbird Tricolored blackbird Brewer's blackbird Brown-headed cowbird Western meadowlark

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LANIIDAE <i>Lanius ludovicianus</i>	Loggerhead shrike
ODONTOPHORIDAE Callipepla californica	California quail
PARULIDAE <i>Dendroica coronata</i>	Yellow-rumped warbler
PASSERIDAE <i>Passer domesticus</i>	House sparrow
PICIDAE <i>Colaptes auratus</i> <i>Picoides nuttallii</i>	Northern flicker Nuttall's woodpecker
RALLIDAE <i>Fulica americana</i>	American coot
STURNIDAE <i>Sturnus vulgaris</i>	European starling
THRAUPIDAE <i>Piranga ludoviciana</i>	Western tanager
TURDIDAE <i>Sialia mexicana</i>	Western bluebird
TYRANNIDAE <i>Sayornis nigricans</i> <i>Saynoris saya</i> <i>Tyrannus verticalis</i>	Black phoebe Say's phoebe Western kingbird