

Appendix 4.8-1
Plant Species

PLANT SPECIES OBSERVED IN THE CHULA VISTA BAYFRONT PROJECT BOUNDARY

Scientific Name	Common Name	Habitat	Origin
<i>Acacia</i> sp.	Acacia	ORN, U/D	I
<i>Ambrosia psilostachya</i> DC.	Western ragweed	NNG, DIS, B	N
<i>Ambylopappus pusillus</i> Hook. & Arn.	Pineapple weed	DIS, SM	N
<i>Amsinckia eastwoodiae</i> J.F. Macbr.	Fiddleneck	DCSS	N
<i>Anagallis arvensis</i> L.	Scarlet pimpernel, poor-man's weatherglass	NNG	I
<i>Artemisia californica</i> Less.	California sagebrush	DCSS	N
<i>Arundo donax</i> L.	Giant reed	DIS, U/D	I
<i>Atriplex lendleyi</i> DC.	Lindley's saltbush	DIS, SM	I
<i>Atriplex lentiformis</i> (Torr.) S. Watson	Big saltbush	DIS	N
<i>Atriplex semibaccata</i> R. Br.	Australian saltbush	DIS, RUD	I
<i>Avena</i> sp.	Wild oats	NNG, DIS	I
<i>Baccharis pilularis</i> DC.	Coyote bush	DCSS, DIS	N
<i>Baccharis salicifolia</i> (Ruiz Lopez & Pavón) Pers.	Mule fat, seep-willow	MFS, SP, B	N
<i>Baccharis sarothroides</i> A. Gray	Broom baccharis	DIS, DCSS	N
<i>Bassia hyssopifolia</i> (Pall.) Kuntze	Five-hook bassia	SM, DIS, B	I
<i>Brassica</i> sp.	Mustard	NNG, DCSS, DIS	I
<i>Bromus hordeaceus</i> L.	Soft brome	NNG, DIS	I
<i>Carpobrotus edulis</i> (L.) Bolus.	Hottentot fig	RUD, DIS	I
<i>Centaurea melitensis</i> L.	Tocolote, star-thistle	DIS, NNG	I
<i>Chenopodium macrospermum</i> Hook. f. var. <i>halophilum</i> (Phil.) Standl.	Coast goosefoot	DIS, RUD	I
<i>Chrysanthemum coronarium</i> L.	Crown daisy	DIS	I
<i>Conyza canadensis</i> (L.) Cronq.	Horseweed	NNG	N
<i>Conyza coulteri</i> A. Gray *	Coulter's fleabane	NNG, DIS	N
<i>Cortaderia selloana</i> (Schultes) Asch. & Graebner	Selloa pampas grass	DCSS, DR	I
<i>Cotula coronopifolia</i> L.	Brass-buttons	B, SM, SP	I
<i>Cressa truxillensis</i> Kunth	Alkali-weed	SM, B	N
<i>Cuscuta salina</i> Engelm.	Salty dodder	SM	N
<i>Cynodon dactylon</i> (L.) Pers.	Bermuda grass	NNG, DR	I
<i>Cyperus eragrostis</i> Lam.	Tall flatsedge	MFS, SP, B	N
<i>Datura wrightii</i> Regel	Jimson weed	NNG, RUD	N
<i>Distichlis spicata</i> (L.) E. Greene	Saltgrass	SM, B	N
<i>Encelia californica</i> Nutt.	Common encelia	DIS, DCSS	N
<i>Eriogonum fasciculatum</i> Benth. var. <i>fasciculatum</i>	California buckwheat	DCSS, DIS	N
<i>Erodium</i> sp.	Filaree, storksbill	NNG, DIS, RUD	I
<i>Eucalyptus</i> spp.	Eucalyptus	EUC	I

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(continued)**

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<i>Ficus</i> sp.*	Fig	ORN, U/D	I
<i>Foeniculum vulgare</i> Mill.	Fennel	DIS, NNG	I
<i>Frankenia salina</i> (Molina) I. M. Johnst.	Alkali heath	SM, B	N
<i>Galium nuttallii</i> A. Gray	San Diego bedstraw	NNG	N
<i>Gnaphalium</i> sp.	Cudweed, everlasting	DCSS, NNG, DIS	N
<i>Heliotropium curassavicum</i> L.	Salt heliotrope	B, DIS, NNG	N
<i>Hemizonia fasciculata</i> (DC.) Torrey & A. Gray	Golden tarplant	DCSS, NNG	N
<i>Heterotheca grandiflora</i> Nutt.	Telegraph weed	NNG, DIS	N
<i>Hirschfeldia incana</i> (L.) Lagr –Fossat	Short-pod mustard	NNG, DIS	I
<i>Hordeum</i> sp.	Barley	NNG, DIS	I
<i>Isocoma menziesii</i> (Hook. & Arn.) G. Nesom	Coast goldenbush	NNG	N
<i>Jaumea carnosa</i> (Less.) A. Gray	Fleshy jaumea	SM	N
<i>Juncus acutus</i> L. ssp. <i>leopoldii</i> (Parl.) Snog.	Spiny rush	SM, SP, B	N
<i>Juncus bufonius</i> L.	Toad rush	SP, B	N
<i>Lactuca serriola</i> L.	Prickly lettuce	DIS	I
<i>Lamarckia aurea</i> (L.) Moench	Goldentop grass	NNG	I
<i>Lepidium nitidum</i> Torr. & A. Gray	Peppergrass	DIS	I
<i>Limonium californicum</i> (Boiss.) A. Heller	California sea-lavender	SM, RUD, B	N
<i>Lolium perenne</i> L.	Perennial ryegrass	SP	I
<i>Lycium californicum</i> Nutt.	California box thorn	SM	N
<i>Lythrum hyssopifolium</i> L.	Grass poly	SM, SP, B	N
<i>Malephora crocea</i> (Jacq.) Schwantes *	Coppery mesembryanthemum	DIS, RUD	I
<i>Malva parviflora</i> L.	Cheeseweed	DIS, NNG	I
<i>Marrubium vulgare</i> L.	Horehound	NNG, DIS	I
<i>Marsilea vestita</i> Hook. & Grev.	Clover fern	SP	I
<i>Melilotus</i> sp.	Sweet clover	DIS	I
<i>Mesembryanthemum crystallinum</i> L.	Crystal ice plant	DIS, ORN	I
<i>Mesembryanthemum nodiflorum</i> L.	Little ice plant	DIS, ORN	I
<i>Monanthochloe littoralis</i> Engelm.	Shoregrass	SM	N
<i>Myoporum laetum</i> G. Forst	Myoporum	ORN, U/D	I
<i>Nerium oleander</i> L.	Oleander	ORN, U/D	I
<i>Nicotiana glauca</i> Grah.	Tree tobacco	DIS, RUD, NNG	I
<i>Olea europa</i> L.	Mission olive	ORN	I
<i>Oxalis pes-caprae</i> L.	Bermuda buttercup	DIS, U/D	I

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(continued)**

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<i>Paspalum DISichum</i> L.	Common knotgrass	DR, B	I
<i>Pelargonium zonale</i> (L.) L'Hér. *	Zonal geranium	DIS	I
<i>Phalaris</i> sp. *	Canary grass	DIS	I
<i>Phoenix canariensis</i> Chabaud	Canary Island date palm	ORN, U/D, DR	I
<i>Pinus ponderosa</i> Laws.	Ponderosa pine	ORN	N
<i>Poa annua</i> L.	Annual bluegrass	DCSS, DIS, NNG	I
<i>Polypogon monspeliensis</i> (L.) Desf.	Annual beard grass	SM, SP, B	I
<i>Raphanus sativus</i> L.	Radish	NNG, DIS	I
<i>Ricinus communis</i> L.	Castor bean	ORN, DIS, RUD	I
<i>Rumex crispus</i> L.	Curly dock	SP, B	I
<i>Salicornia subterminalis</i> Parish	Pickleweed	SM, B	N
<i>Salicornia virginica</i> L.	Pickleweed	SM, B	N
<i>Salix lasiolepis</i> Benth.	Arroyo willow	MFS	N
<i>Salsola tragus</i> L.	Russian thistle, tumbleweed	DIS, RUD	I
<i>Schinus molle</i> L.	Pepper tree	ORN, DR	I
<i>Schinus terebinthifolius</i> Raddi var. raddianus Engl.	Brazilian pepper tree	ORN, U/D	I
<i>Schismus barbatus</i> (L.) Thell	Common Mediterranean grass	NNG	I
<i>Scirpus californicus</i> (C.A. Mey.) Steudel.	Giant bulrush	B	N
<i>Senecio vulgaris</i> L.	Common groundsel	NNG, DIS	I
<i>Sisymbrium irio</i> L.	London rocket	NNG, DIS	I
<i>Sonchus oleraceus</i> L.	Common sow-thistle	NNG, DIS	I
<i>Spergularia bocconii</i> (Scheele) Merino	Sand spurrey	NNG, DIS	I
<i>Spergularia marina</i> (L.) Griseb.	Salt marsh sand spurrey	NNG, DIS	I
<i>Suaeda calceoliformis</i> (Hook.) Moquin *	Horned sea-blite	SM	N
<i>Suaeda taxifolia</i> (Standl.) Standl.	Woolly sea-blite	SM	N
<i>Tamarix</i> sp.	Tamarisk	SP	I
<i>Urtica dioica</i> L.	Stinging nettle	NNG, DIS	I
<i>Vulpia myuros</i> (L.) var. <i>hirsuta</i> (Hackel.) Asch. & Graebr.	Rattail fescue	NNG	I
<i>Washingtonia robusta</i> Wendl.	Washington palm	DR	I
<i>Xanthium strumarium</i> L. var. <i>canadense</i> (Mill.) Torr. & A. Gray	Cocklebur	DIS	I

*Indicates species was identified during P&D Environmental April 2002 Survey.

**PLANT SPECIES OBSERVED IN THE CHULA VISTA BAYFRONT PROJECT BOUNDARY
(continued)**

HABITATS

B = Brackish marsh
DCSS = Disturbed Diegan coastal sage scrub
DIS = Disturbed
DR = Disturbed riparian
EUC = Eucalyptus woodland
MFS = Mule fat scrub
NNG = Non-native grassland
ORN = Ornamental
RUD = Ruderal
SM = Coastal salt marsh
SP = Seasonal pond
U/D = Urban/developed

OTHER TERMS

N = Native to locality
I = Introduced species from outside locality