

### **Attachment A**

# Plant Species Observed at Scholl Canyon Landfill during Reconnaissance Field Survey (November 2010).

	SCIENTIFIC NAME	COMMON NAME	NATIVE OR NON- NATIVE <sup>1</sup>	WETLAND INDICATOR STATUS <sup>2</sup>	HABITAT <sup>3</sup>
DICOTS					
Agavaceae	Yucca whipplei	Chaparral yucca	N	NL	СН
Anacardiaceae	Malosma laurina	Laurel sumac	N – S	NL	СН
	Rhus ovata	Sugarbush	N – S	NL	СН
	Schinus molle	Peruvian pepper tree	NN – T	NL	D
Arecaceae	Washingtonia robusta	Mexican fan palm	NN – S	NL	D
Asteraceae	Artemisia californica	California sage	N - S	NL	CSS
	Ambrosia acanthicarpa	Annual bur ragweed	N	NL	R
	Baccharis salicifolia	Mulefat	N - S	FACW	SW; SWS; DS
	Brickellia californica	California brickellbush	N-S	NL	СН
	Centaurea melitensis	Tucalote	NN	NL	R
	Chaenactis sp.	Pincushion flower	N	NL	СН
	Deinandra paniculata	Paniculate tarplant	N	FACU	СН
	Gnaphalium californicum	California everlasting	N	NL	СН
	Helianthus annuus	Common sunflower	N	FAC	SW; DS
	Heterotheca grandiflora	Telegraph weed	N	NL	R
	Silibum murinum	Milk thistle	NN	NL	R
	Xanthium strumarium	Cocklebur	N	FAC	DS
Brassicaceae	Brassica nigra	Black mustard	N	NL	R
Chenopodiaceae	Salsola tragus	Russian thistle	NN	FACU	R
Convolvulaceae	Cuscuta sp.	Dodder	N – V	NL	CH, CSS

Euphorbiaceae	Ricinus communis	Castor bean	NN	FACU	R
Fabaceae	Acacia sp.	Acacia	NN – S	NL	R
Fagaceae	Quercus agrifolia	Coast live oak	N – S	NL	СН
Geraniaceae	Erodium cicutarium	Red-stemmed filaree	NN	NL	R
Lamiaceae	Salvia apiana	White sage	N	NL	СН
	Salvia mellifera	Black sage	N	NL	CH, CSS
Lythraceae	Ammannia coccinea <sup>4</sup>	Purple, Valley red stem	N	OBL	SW
Polygonaceae	Eriogonum fasciculatum	California buckwheat	N	NL	CH, CSS
Rhamnaceae	Ceanothus crassifolius	Thick-leaved or Hoaryleaf Ceanothus	N – S	NL	СН
Scrophulariaceae	Keckiella cordifolia	Heart-leaved bush- penstemon	N	NL	СН
	Mimulus aurantiacus	Bush monkeyflower	N	NL	СН
Solanaceae	Nicotiana glauca	Tree tobacco	NN – S	FAC	R
Rosaceae	Heteromeles arbutifolia	Toyon	N – S	NL	СН
Salicaceae	Salix goodingii	Black willow	N –S	OBL	SWS
	Salix laevigata	Red willow	N - SAP	FACW	SW
SUB-TOTAL	19 Families; 36 Species	1 Tree; 12 Shrubs/Saplings; 20 Herbs; 1 Vine	23 N; 10 NN	2 OBL; 2 FACW; 3 FAC; 4 FACU; 22 NL/UPL	13 CH; 2 SWS; 4 SW; 3 DS; 10 R/D
MONOCOTS					
Cyperaceae	Cyperus involucratus  Schoenoplectus sp.  (S. maritimus or S. robustus)	Umbrella sedge  Alkali bulrush	NN N; N	OBL	SW
Juncaceae	Juncus bufonius	Toad rush	N	FACW	DS
	Juncus xiphioides	Iris-leaved rush	N	OBL	SW
Poaceae	<i>Agrostis</i> sp.	Water bentgrass	NN	FACW	SW
		Giant reed			

	Bromus diandrus	Ripgut brome	NN	NL	R
	Bromus madritensis ssp. rubens	Red brome	NN	NL	R
	Cortaderia sp.	Pampas grass	NN	FACU	SW
	Crypsis schoenoides	Swamp timothy	N	OBL	DS
	Elymus condensatus (=Leymus condensatus)	Giant wildrye	N	FACU	СН
	Pennesetum setaceaum	Fountain grass	NN	NL	CH, CSS
	Piptatherum miliaceum	Smilo grass	NN	NL	R
	Polypogon monspeliensis	Rabbitfoot grass	NN	FACW	SW, DS
Typhaceae	Typha domingensis		N	OBL	SW, SWS
SUB-TOTAL	4 Families; 15 Species	1 Sedge, 2 Rushes, 1 bulrush, 10 Grasses	6 N; 9 NN	5 OBL; 3 FACW; 1 FAC; 2 FACU; 4 NL/UPL	2 CH; 1 SWS; 7 SW; 3 DS; 4 R
TOTALS	23 Families; 50 Species	1 Tree; 12 Shrubs/Saplings; 20 Herbs; 1 Vine; 1 Sedge, 2 Rushes, 1 bulrush, 10 Grasses	29 N; 18 NN	7 OBL; 5 FACW; 3 FAC; 5 FACU; 26 NL/UPL	18 CH; 3 SWS; 10 SW; 4 DS; 14 R/D

Source: AECOM, 2010.

- Wetland indicator status based on Reed (1988):
  - Obligate Wetland (OBL): Occurs with an estimated 99 percent probability in wetlands.
  - Facultative Wetland (FACW): Estimated 67 percent to 99 percent probability of occurrence in wetlands.
  - Facultative (FAC): Equally likely to occur in wetlands and non-wetlands (34 percent to 64 percent).
  - Facultative Upland (FACU): Only 1 percent to 33 percent probability of occurrence in wetlands.
  - Not an Indicator (NI): Listed as such in Reed (1988).
  - Not Listed (NL): Not present in Reed (1988).

<sup>&</sup>lt;sup>1</sup> N = Native; NN = Non-native; S = Shrub; SAP = Sapling; V = Vine.

Indicates habitats or vegetation communities that a particular species was observed to be associated with during reconnaissance site visit. Some species in more than one habitat category; thus, totals may exceed total number of species. CH = chaparral; CSS = coastal sage scrub; SWS = southern willow scrub; SW = seep wetland; DS = drainage swale; R/D = ruderal/disturbed.

This study uses A. coccinia as the species identified at Scholl Canyon Landfill. Redstem, A. robusta (formerly Ammannia coccinea ssp. robusta; called A. coccinia prior to 1979) may also occur in Los Angeles County, and is difficult to differentiate from A. coccinia.

## **Attachment B**

### **Plants**

Table 5.3-1. California Natural Diversity Database Results for Scholl Canyon Landfill – Sensitive Plant Species and Vegetation Communities					
Scientific Name					
Common Name	Sensitivity Status <sup>1</sup>	General Habitat Description	Potential to Occur within the Project Site		
(or Plant Community Name)		2000.ip.io.i	,		
Plants					
Chenopodiaceae					
Atriplex parishii Parish's brittlescale	USFWS: N/A CDFG: N/A CNPS: List 1B.1	Usually found on drying alkali flats with fine soils. Associated with alkali meadows, vernal pools, chenopod scrub and playas. Elevation 13-460 ft. Blooms May-October	Low. Project site contains limited suitable habitat for this species.		
Berberidaceae	Barberry Family				
Berberis nevinii Nevin's barberry	USFWS: Endangered CDFG: N/A CNPS: List 1B.1	Usually found on steep, North-facing slopes or in low grade sandy washes. Associated with chaparral, cismontane woodland, coastal scrub and riparian scrub. Elevation 950-5,170 ft. Blooms March-April.	Moderate Potential: Some of the habitat components meeting the species requirements are present, and/or only some of the habitat within the project site is unsuitable, and the project site is within the known range for the species. The species has a moderate probability of being found within the project site, and species was not observed during site visit.		
Geraniaceae	Geranium Family				
California macrophylla round-leaved filaree	USFWS: N/A CDFG: N/A CNPS: List 1B.1	Associated with cismontane woodland, valley, foothill grassland and clay soils. 50-4,000 ft. Blooms March-May.	Not Expected. Project site lacks vegetation communities preferred by this species.		
Liliaceae	Lily Family	,			

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Calochortus clavatus var. gracilis slender mariposa lily	USFWS: N/A CDFG: N/A CNPS: List 1B.2	Usually found on grassy slopes and shaded foothill canyons within other habitat. Associated with chaparral and coastal scrub. 1,380-2,500 ft. Blooms January-July.	Low. Project site contains limited suitable habitat for this species.
Calochortus plummerae Plummer's mariposa lily	USFWS: N/A CDFG: N/A CNPS: List 1B.2	Occurs on rocky & sandy sites, usually of granitic or alluvial material. Can be very common after fire. Associated with coastal scrub, chaparral, valley and foothill grassland, cismontane woodland, and lower montane coniferous forest. 295-5,300 ft. Blooms May-July.	Low. Project site contains limited suitable habitat for this species.
Asteraceae	Sunflower Family		
Centromadia parryi ssp. australis southern tarplant	USFWS: N/A CDFG: N/A CNPS: List 1B.1	Often found in disturbed sites near the coast at marsh edges; also in alkaline soils sometimes with saltgrass. Associated with marshes, swamps and valley and foothill grassland. Blooms May-November.	Low. Project site contains limited suitable habitat for this species.
Helianthus nuttallii ssp. parishii Los Angeles sunflower	USFWS: N/A CDFG: N/A CNPS: List 1A	Associated with marshes and swamps (coastal salt & freshwater). Historically from southern California, but now thought to be extinct. 16-5,500 ft. Blooms August-October.	Not Expected. Project site does have a seep wetland that could potentially support the species, but since it is thought to be extinct and was not observed during the reconnaissance site visit, it is not expected to occur.
Symphyotrichum greatae Greata's aster	USFWS: N/A CDFG: N/A CNPS: List 1B.3	Associated with chaparral, cismontane woodland. Usually found in mesic canyons. 2,600-5,000 ft. Blooms April-June	Low. Project site contains limited suitable habitat for this species.
Pseudognaphalium leucocephalum white rabbit-tobacco	USFWS: N/A CDFG: N/A CNPS: List 2.2	Associated with riparian woodland, cismontane woodland, coastal scrub, chaparral and sandy, gravelly sites. 0-6,900 ft. Blooms July to December.	Low. Project site contains limited suitable habitat for this species.
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Chorizanthe parryi var.			
fernandina	USFWS: Candidate	Associated with coastal	Not Expected. Project site
	CDFG: N/A	scrub and sandy soils. 10-3,400 ft. Blooms	lacks vegetation communities preferred by
San Fernando Valley	CNPS: List 1B.1	April-July.	this species.
spineflower		,	
		Usually found on dry slopes and flats;	
		sometimes at the	
Charizantha narrailyar		interface of two	
Chorizanthe parryi var. parryi	USFWS: N/A	vegetation types, such	Low. Project site contains
parryr	CDFG: N/A	as chaparral and oak	limited suitable habitat for
Parry's spineflower	CNPS: List 1B.1	woodland. Associated with coastal scrub,	this species.
		chaparral and dry,	
		sandy soils. 130-5,600	
		ft. Blooms April-June.	
		Associated with	
Dodecahema leptoceras	USFWS: Endangered	chaparral, coastal scrub (alluvial fan sage scrub).	Low. Project site contains
	CDFG: N/A	Often found along flood	limited suitable habitat for
slender-horned	CNPS: List 1B.1	deposited terraces and	this species.
spineflower		washes. 660-2,500 ft.	·
-		Blooms April-June.	
Crassulaceae	Stonecrop Family	A see sints of with	T
		Associated with chaparral, coastal scrub	
		and valley and foothill	
Dudleya multicaulis	USFWS: N/A	grassland. Often found	Low. Project site contains
many-stemmed dudleya	CDFG: N/A CNPS: List 1B.2	In heavy, often clayey	limited suitable habitat for this species.
many stemmed dudicya	ON O. LIST TE.Z	soils or grassy slopes.	tilla apecica.
		0-2,600 ft. Blooms April- July.	
Rosaceae	Rose Family	ouly.	
	- 1000 i a.i.iii	Associated with	
		chaparral, cismontane	
Horkelia cuneata ssp.	USFWS: N/A	woodland and coastal	Low. Project site contains
puberula	CDFG: N/A	scrub. Found on sandy or gravelly sites. 230-	limited suitable habitat for
mesa horkelia	CNPS: List 1B.1	2,700 ft. Blooms	this species.
THOSE HORKSHE		February-June (and	
		rarely in September).	
Malvaceae	Mallow Family		
Malaaathama		Associated with coastal	
Malacothamnus davidsonii	USFWS: N/A	scrub, riparian woodland, chaparral	Low. Project site contains
Gaviasoriii	CDFG: N/A	and sandy washes, 590-	limited suitable habitat for
Davidson's bush-mallow	CNPS: List 1B.2	2,800 ft. Blooms June-	this species.
		January.	
Grossulariaceae	Gooseberry Family	ı	1=
Ribes divaricatum var.	USFWS: N/A	Associated with riparian	Not Expected. Project site
parishii	CDFG: N/A	woodland. Blooms	lacks vegetation communities preferred by
Parish's gooseberry	CNPS: List 1A	February-April.	this species.
Plant Communities			

Southern Coast Live Oak Riparian Forest	USFWS: N/A CDFG: Sensitive Plant Community CNPS: N/A Holland Code <sup>2</sup> : 61310	Found along intermittent and ephemeral drainages, and dominated by coast live oak (Quercus agrifolia).	Not Present. Not observed during reconnaissance-level site visit.
California Walnut Woodland	USFWS: N/A CDFG: Sensitive Plant Community CNPS: N/A Holland Code: 71210	Found along North-facing slopes. Commonly found in shady, moist canyon areas. Rarely, but sometimes found in riparian areas. Limited distribution in Southern California Dominated by California walnut (Juglans californica).	Not Present. Not observed during reconnaissance-level site visit.
Southern Cottonwood Willow Riparian Forest	USFWS: N/A CDFG: Sensitive Plant Community CNPS: N/A Holland Code: 61330	Found along perennial and intermittent rivers and streams and typically on alluvial floodplain deposits. Dominated by cottonwood ( <i>Populus</i> spp.) and willow ( <i>Salix</i> spp.) trees and shrubs.	Not Present. Not observed during reconnaissance-level site visit.
Southern Sycamore Alder Riparian Woodland	USFWS: N/A CDFG: Sensitive Plant Community CNPS: N/A Holland Code: 62400	Found along perennial and intermittent rivers and streams at higher elevations. Dominated by southern sycamore ( <i>Platanus racemosa</i> ) and alder ( <i>Alnus rhombifolia</i> ).	Not Present. Not observed during reconnaissance-level site visit.

<sup>&</sup>lt;sup>1</sup> Sensitivity Status Codes

Federal U.S. Fish and Wildlife Service (USFWS)

State California Department of Fish and Game (CDFG)

Other California Native Plant Society (CNPS)

1A: Plants presumed extinct in California

1B: Plants rare, threatened, or endangered in California or elsewhere

2: Plants rare, threatened, or engangered in California, but more common elsewhere

3. Plants for which more information is needed

4. Plants of limited distribution – a watch list

<sup>&</sup>lt;sup>2</sup> Holland Codes from Holland (1986) and CDFG (2003).

## **Attachment C**

#### Wildlife

	rnia Natural Diversity Dat Sensitive Wild	abase Results for Scholl ( dlife Species	Canyon Landfill –		
Scientific Name Common Name	Sensitivity Status <sup>1</sup>	General Habitat Description	Potential to Occur within the Project Site		
Amphibians					
Ranidae	True Frogs				
Rana muscosa Sierra Madre yellow- legged frog	USFWS: Endangered CDFG: Species of Special Concern CNPS: N/A	Usually encountered within a few feet of water. Federal listing refers to populations in the San Gabriel, San Jacinto & San Bernardino mountains only. Tadpoles may require 2-4 years to complete their aquatic development. Salix swales in riparian habitats. 210-230 ft.	Not Expected. This species is not expected to occur due to lack of suitable habitat.		
Salamandridae	Newts				
Taricha torosa Coast Range newt	USFWS: N/A CDFG: Species of Special Concern CNPS: N/A	Found in coastal drainages from Mendocino County to San Diego County. Lives in terrestrial habitats and will migrate over 0.6 miles to breed in ponds, reservoirs and slow moving streams.	Not Expected. This species is not expected to occur due to lack of suitable habitat.		
Reptiles					
Anniellidae	North American Legless				
Anniella pulchra pulchra silvery legless lizard	USFWS: N/A CDFG: Species of Special Concern CNPS: N/A	Found in sandy or loose, loamy soils under sparse vegetation. Soil moisture is essential. Prefer soils with a high moisture content.	Not Expected. This species is not expected to occur due to lack of suitable habitat.		
Emydidae	Box and Water or Pond T				

American peregrine falcon	CINF 3. IV/A	structures. Nest consists of a scrape, depression or ledge in an open site.	individuals migrating through or incidentally foraging within the project area.
Falco peregrinus anatum	USFWS: Delisted CDFG: N/A CNPS: N/A	Found near wetlands, lakes, rivers or other water habitats; on cliffs, banks, dunes, mounds; also, human-made	Low: Project site does not contain habitat conditions preferred by this species for nesting, but there is potential for the species to occur as individuals migration.
Falconidae	Caracaras and Falcons		
Empidonax traillii extimus southwestern willow flycatcher	USFWS: Endangered CDFG: N/A CNPS: N/A	Found in riparian woodlands in southern California.	Not Expected. This species is not expected to occur due to lack of suitable habitat.
Tyrannidae	Tyrant Flycatchers	I addition	<u> </u>
Athene cunicularia burrowing owl	USFWS: N/A CDFG: Species of Special Concern CNPS: N/A	Found in open, dry annual or perennial grasslands, deserts and scrublands characterized by low-growing vegetation. Subterranean nester, dependent upon burrowing mammals, most notably, the California ground squirrel.	Low. Project site does not contain habitat conditions preferred by this species. The species prefers relatively flat, open terrain.
Strigidae	Typical Owls		
Birds		1.1.500.01	
Phrynosomatidae  Phrynosoma blainvillei  coast horned lizard	Zebra-tailed, Earless, Frin Lizards  USFWS: N/A CDFG: Species of Special Concern CNPS: N/A	fields) upland habitat up to 0.3 miles from water for egg-laying.  Inge-toed, Spiny, Tree, Side-  Frequents a wide variety of habitats. Most commonly found in lowlands along sandy washes with scattered low bushes. Prefers open areas for sunning, bushes for cover, patches of loose soil for burial and abundant supply of ants and other insects.	Moderate. Project site contains suitable habitat within range of the species. Populations tend to be low around urbanized areas.
Emys marmorata western pond turtle	USFWS: N/A CDFG: Species of Special Concern CNPS: N/A	A thoroughly aquatic turtle found in ponds, marshes, rivers, streams & irrigation ditches, usually with aquatic vegetation. Requires basking sites and suitable (sandy banks or grassy open	Not Expected. This species is not expected to occur due to lack of suitable habitat.

			Low: Project site does
Polioptila californica californica coastal California gnatcatcher	USFWS: Threatened CDFG: Species of Special Concern CNPS: N/A	Obligate, permanent resident of coastal sage scrub below 2,500 ft. in southern California. Found in low, coastal sage scrub in arid washes, on mesas and slopes. Not all areas classified as coastal sage scrub are occupied. Does not occupy slopes greater than 45 degrees.	not contain sufficient habitat conditions preferred by this species (appropriate coastal sage scrub), but there is potential for the species to occur as dispersing individuals migrating through the area if species populations remain in the project vicinity.
Mammals			
Vespertilionidae	Vespertilionid Bats		
Antrozous pallidus pallid bat	USFWS: N/A CDFG: Species of Special Concern CNPS: N/A	Found in deserts, grasslands, shrublands, woodlands and forests. Most commonly found in open, dry habitats with rocky areas for roosting. Roosts must protect bats from high temperatures. Very sensitive to disturbance of roosting sites.	Not Expected. This species is not expected to occur due to lack of suitable habitat.
Lasiurus xanthinus western yellow bat	USFWS: N/A CDFG: Species of Special Concern CNPS: N/A	Found in valley foothill riparian, desert riparian, desert riparian, desert wash and palm oasis habitats. Roosts in trees, particularly palms. Forages over water and around trees.	Not Expected. This species is not expected to occur due to lack of suitable habitat.
Molossidae	Free-tailed Bats		
Eumops perotis californicus western mastiff bat	USFWS: N/A CDFG: Species of Special Concern CNPS: N/A	Found in open, semi- arid to arid habitats, including conifer & deciduous woodlands, coastal scrub, grasslands, chaparral, etc. Roosts in crevices in cliff faces, high buildings, trees and tunnels.	Low: Project site does not contain habitat conditions preferred by this species, but there is potential for the species to occur as individuals migrating through the area.
Nyctinomops macrotis big free-tailed bat	USFWS: N/A CDFG: Species of Special Concern CNPS: N/A	Found in low-lying, arid areas in southern California. Requires high cliffs or rocky outcrops for roosting sites. Feeds principally on large moths.	Not Expected. This species is not expected to occur due to lack of suitable habitat.
Cricetidae	I New World Rats & Mice, '	Voles, Hamsters and Relati	ves

Neotoma lepida intermedia San Diego desert woodrat	USFWS: N/A CDFG: Species of Special Concern CNPS: N/A	Found in coastal scrub of southern California from San Diego County to San Luis Obispo County. Prefers moderate to dense canopies. They are particularly abundant in rock outcrops & rocky cliffs & slopes.	Low: Project site does not contain habitat conditions preferred by this species.
Onychomys torridus ramona southern grasshopper mouse	USFWS: N/A CDFG: Species of Special Concern CNPS: N/A	Found in desert areas, especially scrub habitats with friable soils for digging. Prefers low to moderate shrub cover. Feeds almost exclusively on arthropods, especially scorpions & orthopteran insects.	Not Expected. This species is not expected to occur due to lack of suitable habitat.
Mustelidae	Badgers, Otters, Weasels	and Relatives	
Taxidea taxus American badger	USFWS: N/A CDFG: Species of Special Concern CNPS: N/A	Most abundant in drier, open stages of most shrub, forest and herbaceous habitats, with friable soils. Requires sufficient food, friable soils and open, uncultivated ground. Preys on burrowing rodents. Digs burrows.	Not Expected. This species is not expected to occur due to lack of suitable habitat.

<sup>1</sup> Sensitivity Status Codes
Federal U.S. Fish and Wildlife Service (USFWS)
State California Department of Fish and Game (CDFG)
Other California Native Plant Society (CNPS)