

# Summary of Biological Surveys Conducted at Chiquita Canyon Landfill

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This technical memorandum outlines the biological surveys and associated results that have been conducted at Chiquita Canyon Landfill (CCL) Master Plan Revision (Proposed Project), which is located on the north side of State Route 126 (SR-126), west of Interstate 5 (I-5) in the Santa Clarita Valley area of Los Angeles County.

## Biological Surveys

A comprehensive list of biological sampling that was conducted at the Project site is provided in Table 1-1.

TABLE 1-1  
**Comprehensive List of Sampling Performed at the Project Site**

Biologist Affiliation	Sampling Purpose	Sampling Dates
CH2M HILL	Avian Surveys	April 3, 2002
CH2M HILL	Amphibian Surveys	April 3, May 14, and 24, 2002
CH2M HILL	Reptile Surveys	April 3 and May 26, 2002
CH2M HILL	California gnatcatcher Surveys	May 16, 31, June 6, 13, 20, and 27, 2002
CH2M HILL	Bat Surveys	May 14 and 24, 2002
CH2M HILL	Special-Status Plant Survey	May 24, 31, and June 28, 2002
CH2M HILL	Vegetation Mapping	June 28, 2002
CH2M HILL	Vegetation Monitoring	December 21-22, 2004
CH2M HILL	Vegetation Mapping	September 28, 2005
CH2M HILL	Vegetation Monitoring	July 27, 2007
CH2M HILL	Surface Waters Delineation	December 3-5, 2007
CH2M HILL	Vegetation Monitoring	December 3-4, 2007
CH2M HILL	Vegetation Monitoring	October 13-14, 2008
CH2M HILL	Vegetation Monitoring	September 1-2, 2009
CH2M HILL	Vegetation Mapping	June 9, 2010
CH2M HILL	Vegetation Monitoring	November 15-16, 2010
CH2M HILL	Vegetation Monitoring	September 26-28, 2011
CH2M HILL	Vegetation Assessment	August 4-5 and October 14, 2011
CH2M HILL	Vegetation Monitoring	September 25-26, 2012
CH2M HILL	Sediment Basin Survey	September 30, 2013

## Observed Species within the Project Boundary

A comprehensive list of observed wildlife species is provided in Table 1-2 and plant species document within the Project area are shown in Table 1-3.

TABLE 1-2

### List of Wildlife Species Observed at the Project Site

Common Name	Scientific Name
<b>Birds</b>	
Anna's hummingbird	<i>Calypte anna</i>
Ash-throated flycatcher	<i>Myiarchus cinerascens</i>
Bewick's wren	<i>Thryomanes bewickii</i>
Bullock's oriole	<i>Icterus bullockii</i>
Bushtit	<i>Psaltriparus minimus</i>
California quail	<i>Callipepla californica</i>
California thrasher	<i>Toxostoma redivivum</i>
California towhee	<i>Pipilo crissalis</i>
Cliff swallow	<i>Petrochelidon pyrrhonata</i>
Common raven	<i>Corvus corax</i>
Costa's hummingbird	<i>Calypte costae</i>
Gull	<i>Larus sp.</i>
Horned lark	<i>Eremophila alpestris</i>
House finch	<i>Carpodacus mexicanus</i>
Lesser goldfinch	<i>Carduelis psaltria</i>
Mourning dove	<i>Zenaida macroura</i>
Northern mockingbird	<i>Mimus polyglottos</i>
Northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>
Nuttall's woodpecker	<i>Picoides nuttallii</i>
Phainopepla	<i>Phainopepla nitens</i>
Prairie falcon	<i>Falco mexicanus</i>
Red-tailed hawk	<i>Buteo jamaicensis</i>
Rock wren	<i>Salpinctes obsoletus</i>
Rufous-crowned sparrow	<i>Aimophila ruficeps</i>
Spotted towhee	<i>Pipilo maculatus</i>
Turkey vulture	<i>Cathartes aura</i>
Western kingbird	<i>Tyrannus verticalis</i>
Western scrub-jay	<i>Aphelocoma californica</i>
White-throated swift	<i>Aeronautes saxatalis</i>
Wrentit	<i>Chamaea fasciata</i>

TABLE 1-2  
List of Wildlife Species Observed at the Project Site

Common Name	Scientific Name
<b>Mammals</b>	
Bobcat	<i>Lynx rufus</i>
Coyote	<i>Canis latrans</i>
Deer mouse	<i>Peromyscus maniculatus</i>
Desert cottontail	<i>Sylvilagus audubonii</i>
Dusky-footed woodrat	<i>Neotoma fuscipes</i>
Gray fox	<i>Urocyon cinereoargenteus</i>
Mule deer	<i>Odocoileus hemionus</i>
<b>Reptiles</b>	
Coachwhip	<i>Masticophis flagellum</i>
San Diego gopher snake	<i>Pituophis melanoleucus annectens</i>
Side-blotched lizard	<i>Uta stansburiana</i>
Western fence lizard	<i>Sceloporus occidentalis</i>
Western diamondback rattlesnake	<i>Crotalus atrox</i>
Western rattlesnake	<i>Crotalus viridis</i>

TABLE 1-3  
List of Plant Species Observed at the Project Site

Scientific Name	Common Name
<i>Adenostoma fasciculatum</i>	Chamise
<i>Ambrosia acanthicarpa</i>	Annual bursage
<i>Ambrosia psilostachya</i>	Western ragweed
<i>Artemisia californica</i>	California sagebrush
<i>Artemisia douglasiana</i>	Mugwort
<i>Aster</i> spp.	Aster
<i>Atriplex canescens</i>	Fourwing saltbush
<i>Atriplex lentiformis</i>	Quail bush
<i>Atriplex semibaccata</i>	Australian saltbush
<i>Avena barbata</i>	Slender wild oat
<i>Avena</i> spp.	Wild oat
<i>Baccharis pilularis</i>	Coyote bush
<i>Baccharis salicifolia</i>	Mule fat
<i>Brassica nigra</i>	Black mustard
<i>Bromus diandrus</i>	Rip-gut brome
<i>Bromus hordeaceus</i>	Soft chess
<i>Bromus madritensis</i> ssp. <i>rubens</i>	Red brome

TABLE 1-3  
**List of Plant Species Observed at the Project Site**

Scientific Name	Common Name
<i>Bromus tectorum</i>	Cheat grass
<i>Carduus pycnocephalus</i>	Italian thistle
<i>Centaurea melitensis</i>	Tocalote
<i>Cercocarpus betuloides</i>	Mountain mahogany
<i>Chamaesyce albomarginata</i>	Rattlesnake weed
<i>Chenopodium</i> spp.	Chenopodium
<i>Cortaderia selloana</i>	Pampas grass
<i>Datura wrightii</i>	Jimsonweed
<i>Daucus pusillus</i>	Rattlesnake weed
<i>Encelia californica</i>	Bush sunflower
<i>Encelia farinosa</i>	Brittlebush
<i>Eremocarpus setigerus</i>	Doveweed
<i>Eriogonum fasciculatum</i>	Buckwheat
<i>Erodium cicutarium</i>	Red-stemmed filaree
<i>Eucalyptus</i> sp.	Eucalyptus
<i>Hazardia squarrosus</i>	Sawtooth goldenbush
<i>Heliotropium curassavicum</i>	Common heliotrops
<i>Heteromeles arbutifolia</i>	Toyon
<i>Heterotheca grandiflora</i>	Telegraph weed
<i>Hirschfeldia incana</i>	Summer mustard
<i>Hordeum leporinum</i>	Hare barley
<i>Hordeum murinum</i>	Hare barley
<i>Isocoma</i> sp.	Goldenbush
<i>Lactuca serriola</i>	Prickly lettuce
<i>Lessingia filaginifolia</i>	Cudweed aster
<i>Leymus condensatus</i>	Giant wild rye
<i>Lolium</i> sp.	Rye grass
<i>Lotus scoparius</i>	Deerweed
<i>Lupinus</i> spp.	Lupine
<i>Malacothamnus fasciculatus</i>	Bushmallow
<i>Malosma laurina</i>	Laurel sumac
<i>Marrubium vulgare</i>	Horehound
<i>Medicago polymorpha</i>	Bur clover
<i>Melilotus alba</i>	White sweet-clover
<i>Melilotus indica</i>	Yellow sweet-clover
<i>Mimulus</i> sp.	Monkey flower

TABLE 1-3  
**List of Plant Species Observed at the Project Site**

Scientific Name	Common Name
<i>Nicotiana glauca</i>	Indian tree tobacco
<i>Opuntia littoralis</i>	Western prickly pear
<i>Pinus</i> spp.	Pine
<i>Plantago erecta</i>	Dwarf plantain
<i>Platanus racemosa</i>	Western sycamore
<i>Populus fremontii</i>	Fremont cottonwood
<i>Quercus agrifolia</i>	Coast live oak
<i>Quercus berberidifolia</i>	Scrub oak
<i>Quercus lobata</i>	Valley oak
<i>Raphanus sativa</i>	Wild radish
<i>Rhus integrifolia</i>	Lemonade berry
<i>Rhus ovata</i>	Sugarbush
<i>Rhus trilobata</i>	Squawbush
<i>Ricinus communis</i>	Castor bean
<i>Salix exigua</i>	Sandbar willow
<i>Salix gooddingii</i>	Goodding's black willow
<i>Salsola tragus</i>	Russian thistle
<i>Salvia apiana</i>	White sage
<i>Salvia leucophylla</i>	Purple sage
<i>Salvia mellifera</i>	Black sage
<i>Sambucus mexicana</i>	Mexican elderberry
<i>Sambucus nigra</i> ssp. <i>Caerulea</i>	Blue elderberry
<i>Schinus molle</i>	Peruvian pepper tree
<i>Schismus barbatus</i>	Mediterranean grass
<i>Stephanomeria virgata</i>	Wand chicory
<i>Tamarix ramosissima</i>	Salt cedar
<i>Toxicodendron diversilobum</i>	Poison oak
<i>Tribulus terrestris</i>	Puncture vine
<i>Trichostema lanceolatum</i>	Vinegar weed
<i>Trifolium</i> spp.	Clover
<i>Yucca whipplei</i>	Our Lord's candle