

**BEFORE THE PUBLIC UTILITIES COMMISSION OF THE  
STATE OF CALIFORNIA**

In the Matter of the Application of SOUTHERN        )        Application No. \_\_\_\_\_  
CALIFORNIA EDISON COMPANY (U 338-E)        )  
for a Permit to Construct Electrical Facilities        )  
With Voltages Between 50 kV and 200 kV:        )  
Valley South Subtransmission Project        )

**PROPONENT’S ENVIRONMENTAL ASSESSMENT:**  
**VALLEY SOUTH 115 kV SUBTRANSMISSION PROJECT**

**VOLUME 4 of 4 (Part 5 of 5)**

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## **Appendices (Volume 4)**

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**Appendix F: Biological Resources Assessment – Segment 1 and Biological Resources  
Assessment – Segment 2**



## **APPENDIX D**

### **SPECIAL-STATUS WILDLIFE SPECIES WITH POTENTIAL TO OCCUR WITHIN THE BIOLOGICAL STUDY AREA**



## Appendix D

### Special-Status Wildlife Species with Potential to Occur within the Biological Study Area

Common Name	Scientific Name	Status <sup>1</sup>	Habitat Requirements	Life History	Potential for Occurrence
<b>Invertebrates</b>					
Riverside fairy shrimp	<i>Streptocephalus woottoni</i>	Federal: FE State: None MSHCP: Protected via Riparian/Riverine Areas and Vernal Pools policy (Section 6.1.2 of the MSHCP)	Deep, cool water vernal pools and other ephemeral wetlands within coastal sage scrub, valley and foothill grassland.	Requires at least 48 days of continuous inundation to mature.	<b>Low potential to occur.</b> Although there are California Natural Diversity Database (CNDDB) records of this species occurring within 3 miles, habitat within the biological study area (BSA) is marginal. Basins within the BSA appear too shallow to support depth requirements.
Vernal pool fairy shrimp	<i>Branchinecta lynchi</i>	Federal: FT State: None MSHCP: Protected via Riparian/Riverine Areas and Vernal Pools policy (Section 6.1.2 of the MSHCP)	Cool water vernal pools. Habitat is vernal pools, stock ponds, ephemeral ponds, or other human-modified depressions over willow soils.	Vernal pool inundation requirements of an average of 40 days to support cyst hatching.	<b>Low potential to occur.</b> Marginal habitat is present within the BSA; there are CNDDB records of this species occurring within 3 miles. However, basins on-site appear too shallow to support inundation requirements.
Santa Rosa Plateau Fairy Shrimp	<i>Linderiella santarosae</i>	Federal: None State: None MSHCP: Protected via Riparian/Riverine Areas and Vernal Pools policy (Section 6.1.2 of the MSHCP)	Cool water vernal pools on the Santa Rosa Plateau. Found in depressions over basaltic soils.	Vernal pool inundation requirements of an average of 40 days to support cyst hatching.	<b>Not expected to occur.</b> The BSA is not within or near the watershed for the Santa Rosa Plateau.
Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>	Federal: FE State: None MSHCP: Covered, surveys required as per MSHCP Exhibit 12	Delhi sands soil type and dunes with open coastal sage scrub and grassland.	Active during hot weather from mid-summer to early fall (July–September).	<b>Not expected to occur.</b> There is no potential for this species to occur due to lack of suitable sand dune habitat within the BSA.
Quino checkerspot butterfly	<i>Euphydryas editha quino</i>	Federal: FE State: None MSHCP: Adequately Conserved through MSHCP	Occurs in sunny openings within chaparral and coastal sage shrub, grasslands, and vernal pools, often along ridgelines and hilltops in parts of Riverside County and San Diego County. The primary host plants for	Adults emerge in early to mid-spring, mate and lay eggs. Eggs hatch in about 10 days and begin feeding on host plants	<b>High potential to occur.</b> Potential habitat and larval host plants are present. This species is known to occur immediately north of the BSA. There are CNDDB records of this species occurring within 3 miles

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		Implementation	this species' larvae are <i>Plantago erecta</i> , <i>P. patagonica</i> , and <i>Castilleja exserta</i> .	and enter a period of summer diapauses and begin feeding again in winter to early spring as host plants appear again and then enter a short pupal phase.	of the BSA. Quino habitat described for conservation overlaps with BSA within Proposed Core 2, Existing Constrained Linkage E and Proposed Constrained Linkage 18 of the MSHCP.
<b>Fish</b>					
Arroyo Chub	<i>Gila orcuttii</i>	Federal: None State: SSC MSHCP: Adequately Conserved through MSHCP Implementation	In MSHCP area, occurs in the Santa Ana and Santa Margarita watersheds. Occurs in cool to warm (50–75 degrees Fahrenheit) streams that fluctuate between large winter storm flows and low summer flows, and the low dissolved oxygen and wide temperature fluctuations associated with this flow regime. They are most common in slow-flowing or backwater areas with sand or mud substrate, but may also inhabit areas with velocities in excess of 80 centimeters per second over coarse substrate.	Lifespan is approximately four years and reach a maximum size of 80-90 mm. Females can reproduce at age 1. Spawning takes place in pools and edge habitat from February to August with a peak in June and July. Several males may fertilize the eggs of one female. Fertilized eggs stick to plants or bottom substrate and hatch in about 4 days. Fry stay on the substrate for a few days, then rise to the surface and stay among plants or other cover for 3 – 4 months (University of California, 2014).	<b>Not expected to occur.</b> Due to small amount of marginal habitat within the BSA, there is low potential for this species to occur. Conservation of Proposed Constrained Linkages 11, 12 and 13, Existing Core G, and Proposed Core 7 are described in the MSHCP as areas to provide habitat for this species. These areas are not within or near the BSA.

Common Name	Scientific Name	Status <sup>1</sup>	Habitat Requirements	Life History	Potential for Occurrence
<b>Amphibians / Reptiles</b>					
Coast range newt	<i>Taricha torosa torosa</i>	Federal: None State: SSC MSHCP: Adequately Conserved through MSHCP Implementation	Occurs along coastline and in the Sierra Nevada. Prefers less humid climates, rock crevices and logs. When breeding, slow-moving pools in coastal streams are occupied.	Terrestrial and diurnal. Summers in moist habitats under woody debris. Reproduce in water and adults reach reproductive maturity in their third year. The breeding season lasts 6 - 12 weeks from late December to February. Females lay 7 to 47 eggs and incubation last 14 to 52 days.	<b>Low potential to occur.</b> There is a lack of extensive, persistent pools and mesic woodland vegetation within the BSA.
Arroyo toad	<i>Anaxyrus californicus</i>	Federal: FE State: SSC MSHCP: Adequately conserved when Section 6.3.2 of the MSHCP Additional Survey Needs and Procedures completed (Figure 6-3)	Openly to sparsely vegetated gravelly or sandy washes, intermittent streams, and major rivers on both sides of the desert divide mountains. Requires seasonal flows in open floodplains with persistent pools for breeding.	Nocturnal. Active from first rains (January through March) through August or September. Reproduce in water from March to July. Eggs are laid in long strings containing an average of 4,700 eggs. Tadpoles hatch after 4 -6 days. Larvae reach metamorphosis in 72 - 80 days.	<b>Low potential to occur.</b> There is a small amount of marginal habitat within the BSA, but the BSA is outside of the required MSHCP survey area for arroyo toad, so surveys were not conducted for this species.
Western spadefoot toad	<i>Spea hammondi</i>	Federal: None State: SSC MSHCP: Adequately Conserved through MSHCP Implementation	Requires seasonal surface water such as vernal pools for breeding in grassland and open scrub habitats, but can be found in valley-foothill hardwood woodlands.	Western spadefoots have subterranean dormancy of 8 to 9 months per year. Breeding occurs from January to May in temporary pools and drainages. Oviposition may occur between late	<b>High potential to occur.</b> High potential to occur due to TRC observations in Segment 1 and the presence of suitable habitat within BSA (TRC 2013). There are CNDDDB records of this species occurring within 3 miles of the BSA.

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				Februar and late May. Eggs hatch in 0.6 o 6 days. Larval development is completed in 3 to 11 weeks but must be completed before pools dry. Average time from hatching to metamorphosis is 58 days. Juveniles emerge from water in seek refuge in vicinity of natal ponds and then disperse.	
Mountain yellow-legged frog	<i>Rana mucosa</i>	Federal: FE State: SSC, SP MSHCP: Adequately conserved when Section 6.3.2 of the MSHCP Additional Survey Needs and Procedures completed (Figure 6-3)	Perennial or persistent mountain streams with rocky banks and sunny openings in surrounding vegetation (Lemm, 2006). Within the MSHCP area, the mountain yellow-legged frog is found in streams, creeks, and small pools in the San Jacinto Mountains (Dudek, 2003).	Diurnal. Reproduce in water. Mating and egg-laying occurs after high creek waters have subsided, from March through May.	<b>Not expected to occur.</b> . The BSA is not within the San Jacinto Mountains.
Silvery legless lizard	<i>Anniella pulchra pulchra</i>	Federal: None State: SSC MSHCP: None	Lives in burrows in loose, sandy soils. Often found in leaf litter and loose soil. Insectivorous. Moisture is essential. Found in beach dunes, pine-oak woodlands, chaparral, deser scrub, washes, stream terraces.	Breeding is thought to occur between the spring and July with young being born n September and November. Males mature at two years and females at three years of age. Females are oviparous and give live birth to litters of one to four young.	<b>Moderate potential to occur.</b> Within the BSA, areas with sandy or loamy loose soils with leaf litter were observed and where limited human disturbance.

Common Name	Scientific Name	Status <sup>1</sup>	Habitat Requirements	Life History	Potential for Occurrence
San Diego banded gecko	<i>Coleonyx variegatus abbottii</i>	Federal: None State: SA MSHCP: Covered	Occurs in arid areas including creosote flats, sagebrush desert, pinion-juniper woods, and chaparral. Prefers rocky areas but may occur in rock-free areas such as sand dunes.	Nocturnal species. Active April through October, with a peak in May and juveniles may be active November through March. Mating occurs from April to May, with eggs laid May through September and hatchlings appearing July through November. Clutch size is two eggs. Males and females reach maturity in one year.	<b>Moderate potential to occur.</b> Extensive boulder outcrops are present within the BSA.
Coast horned lizard	<i>Phrynosoma blainvilli</i>	Federal: None State: SSC MSHCP: None	Coastal sage scrub and chaparral in arid and semi-arid climate conditions. Prefers friable, rocky, or shallow sandy soils.	Diurnal, with activity in middle of day in spring/fall and morning and late afternoon in mid-summer. Fall and winter are typically inactive periods. Egg laying is from late May to June with average clutch size of 13 eggs. Hatching occurs after two months.	<b>High potential to occur.</b> TRC observed this species in Segment 1 and suitable habitat is present within the BSA (TRC 2013). There are CNDDB records of this species occurring within 3 miles of the BSA.
Orange-throated whiptail	<i>Aspidoscelis hyperythra</i>	Federal: None State: SSC MSHCP: Adequately Conserved through MSHCP Implementation	Openly vegetated areas with sandy or loose soil within coastal sage scrub, chaparral, and valley-foothill hardwood habitats. Requires termite colonies for food.	Diurnal. Lay eggs in June and July and hatch in two months.	<b>High potential to occur.</b> TRC observed this species in Segment 1 and there is a presence of suitable habitat within the BSA (TRC 2013). There are CNDDB records of this species occurring within 3 miles of the BSA.

Common Name	Scientific Name	Status <sup>1</sup>	Habitat Requirements	Life History	Potential for Occurrence
Coastal western whiptail	<i>Aspidoscelis tigris stejnegeri</i>	Federal: None State: SA MSHCP: Covered	Occurs in deserts and semi-arid areas with sparse vegetation and open areas. Also found in woodland and riparian areas.	Diurnal. Lay eggs in from April through August.	<b>Present.</b> This species was documented during AECOM surveys in spring 2014.
San Bernardino mountain kingsnake	<i>Lampropeltis zonata parvirubra</i>	Federal: None State: SSC MSHCP: Adequately Conserved through MSHCP Implementation (including MOU with Forest Service)	A habitat generalist, found in diverse habitats including coniferous forest, oak-pine woodlands, riparian woodland, chaparral, manzanita, and coastal sage scrub. Found in southern California in the San Jacinto, Santa Rosa, San Bernardino, Santa Susana, and San Gabriel Mountains, and the Verdugo Hills.	Spend most of their time underground. Lay eggs in June and July and hatch after 50 -65 days.	<b>Not expected to occur.</b> Within the BSA, there are generally low elevations and a lack of continuity with montane topography and wooded habitats. ]
Two-striped garter snake	<i>Thamnophis hammondi</i>	Federal: None State: SSC MSHCP: None	Coastal California up to 2,135 meters elevation, in or near permanent or persistent fresh water. Prefers streams with rocky beds and riparian growth.	Diurnal and aquatic. Breeds in late March through early April with live young born in late July and August.	<b>High potential to occur.</b> TRC observed this species in Segment 1 and there is a presence of suitable habitat within the BSA (TRC 2013).
Red diamond rattlesnake	<i>Crotalus ruber</i>	Federal: None State: SSC MSHCP: Adequately Conserved through MSHCP Implementation	Primarily coastal sage scrub and chaparral, but also open woodland, grassland, and desert fringe areas on both sides of dividing ranges. Prefers rocky areas with rodent burrows, rock fissures, or other surface cover objects.	Nocturnal and crepuscular, and diurnal during moderate temperatures. Breeding occurs in the spring. Live young are born in July through September.	<b>High potential to occur.</b> TRC observed this species in Segment 1 and there is a presence of suitable habitat within the BSA (TRC 2013). There are CNDDDB records of this species occurring within 3 miles of the BSA.
Western pond turtle	<i>Emys marmorata</i>	Federal: None State: SSC MSHCP: Adequately Conserved through MSHCP Implementation	Ponds, lakes, rivers, streams, creeks, marshes, and irrigation ditches, with abundant vegetation, and either rocky or muddy bottoms, in woodland, forest, and grassland. In streams, prefers pools to shallower areas. Logs, rocks, cattail mats, and exposed banks are required for basking. May enter brackish water and even seawater.	Diurnal and aquatic. Active from February to November and estivates during summer months. Breeds in April and May and lays between two and eleven eggs.	<b>Low potential to occur.</b> There is a lack of suitable perennial wetland habitat within the BSA. There are CNDDDB records of this species occurring within 3 miles of the BSA.



Common Name	Scientific Name	Status <sup>1</sup>	Habitat Requirements	Life History	Potential for Occurrence
<b>Birds</b>					
Great blue heron	<i>Ardea herodias</i>	Federal: None State: SA (nesting sites) MSHCP: Adequately Conserved through MSHCP Implementation	Occurs near large bodies of salt or fresh water and wetland habitats, such as rivers, lake edges, marshes, and seacoasts. Nests colonially in trees or large shrub groves near water.	Non-migratory in Southern California. Colonial nesters with breeding occurring between December and May. Feed on fish and a wide variety of other small vertebrates including reptiles, amphibians, birds, and small mammals.	<b>High potential to occur.</b> TRC observed this species during 2013 surveys in Segment 1 (TRC 2013). Suitable foraging habitat occurs within the BSA, and this species has moderate potential to nest within the BSA.
American bittern	<i>Botaurus lentiginosus</i>	Federal: None State: SA MSHCP: Adequately Conserved through MSHCP Implementation	Dense marsh.	Partially migratory, but found year-round in Southern California. Solitary nesters in late spring. Feed on insects, fish and other small vertebrates.	<b>Low potential to occur.</b> This species has low potential to nest and/or forage occur within the marshes of the BSA.
Black-crowned night-heron	<i>Nycticorax nycticorax</i>	Federal: None State: SA MSHCP: Adequately Conserved through MSHCP Implementation	Feeds along the margins of lacustrine, large riverine, and fresh and saline emergent habitats and, rarely, on kelp beds in marine subtidal habitats. Nests and roosts in dense-foliaged trees and dense emergent wetlands.	Non-migratory in Southern California. Breed in mixed species colonies as early as December, and disperse after breeding. Feed on a wide variety of invertebrates and small vertebrates.	<b>Present.</b> Observed in flight. This species has moderate potential to nest and/or forage within the BSA.
White-faced ibis	<i>Pegadis chihi</i>	Federal: None State: WL, SA MSHCP: Adequately Conserved through MSHCP Implementation	Freshwater marsh, shallow lacustrine waters, muddy ground of wet meadows, and irrigated or flooded pastures and croplands. Nests in dense freshwater marsh.	Present year-round in Southern California. Nest colonially between April and June. Feed largely on aquatic invertebrates, but also take some small vertebrates.	<b>Present.</b> Observed in flight. This species has high potential to forage within the BSA and low potential to nest within the BSA.

Common Name	Scientific Name	Status <sup>1</sup>	Habitat Requirements	Life History	Potential for Occurrence
Turkey vulture	<i>Cathartes aura</i>	Federal: None State: None MSHCP: Covered (breeding) Raptor	Forages aerially above virtually any vegetation type or terrain, except dense human development. Secluded cliff ledge or rock fissure in remote, rugged terrain required for nesting. Native or non-native tree groves in lowlands often used as winter roosts.	Species is a long distance migrant, but present in Southern California year-round. Nests from late Feb through April. Feed on a wide variety of carrion.	<b>Present.</b> Observed foraging throughout the BSA. This species has low potential to nest within the BSA.
Osprey	<i>Pandion haliaetus</i>	Federal: None State: WL, SA MSHCP: Adequately Conserved through MSHCP Implementation	Associated with large, fish-bearing waters. Occurs in riparian forests, primarily in ponderosa pine though mixed conifer habitats.	Migratory, but present year-round in Southern California. Large stick nests are placed in tall riparian trees or on high man-made platforms or light standards. Feed almost exclusively on live fish caught by plunge diving.	<b>Low potential to occur.</b> There is low potential of occasional foraging for this species at the artificial reservoir in northern part of Segment 1. There is no suitable foraging habitat within the BSA. There is low potential to nest in the BSA due to the distance to suitable foraging habitat outside of the BSA.
White-tailed kite	<i>Elanus leucurus</i>	Federal: None State: FP (nesting) MSHCP: Adequately Conserved through MSHCP Implementation	Lowland terrestrial habitats, in particular, riparian woodlands, and oak or sycamore groves near grasslands.	Nomadic, but present year-round in Southern California. Moves in response to varying prey abundance. Builds stick nests in trees between from late-Feb through May. Feeds almost exclusively on California Voles ( <i>Microtus californicus</i> )	<b>High potential to occur.</b> TRC observed this species in Segment 1 and suitable nesting and foraging habitat is present within the BSA (TRC 2013). There are CNDDDB records of this species occurring within 3 miles of the BSA.
Bald eagle	<i>Haliaeetus leucocephalus</i>	Federal: BCC State: Endangered MSHCP: Adequately Conserved through MSHCP Implementation	Requires large bodies of water or free flowing rivers with abundant fish. Perches high in large stoutly limbed trees, or snags or broken-topped trees or on rocks near water.	Primarily a winter visitor, but widely scattered pairs breed in Southern California. Massive stick nests are placed in large trees near water and reused from	<b>Low potential to occur.</b> This species has low probability for foraging within the BSA. There is no nesting habitat within the BSA. There are CNDDDB records of this species occurring within 3 miles of the BSA.

Common Name	Scientific Name	Status <sup>1</sup>	Habitat Requirements	Life History	Potential for Occurrence
				year to year. Feed primarily on fish and carrion, but also a wide variety of vertebrate prey.	
Northern harrier	<i>Circus cyaneus</i>	Federal: None State: SSC MSHCP: Adequately Conserved through MSHCP Implementation	Extensive grassland and marsh edges. Occasionally open coastal sage scrub. Nests in grassland.	Primarily a winter visitor, but scattered pairs breed in suitable marsh or grassland habitat from April through May. Feed on small mammals, reptiles, amphibians, and birds	<b>High potential to occur.</b> TRC observed this species in Segment 1 and suitable nesting and foraging habitat is present within the BSA (TRC 2013). There are CNDDDB records of this species occurring within 3 miles of the BSA.
Cooper's hawk	<i>Accipiter cooperii</i>	Federal: None State: WL, SA MSHCP: Adequately Conserved through MSHCP Implementation	Inhabits broken woodlands, woodland edges and streamside groves. Nests in open woodlands or in deciduous trees in riparian areas.	Migratory, but present year-round in Southern California. Breeding takes place from March through June with stick nests placed in dense trees. Feeds primarily on medium sized birds, though some mammalian prey is also taken.	<b>Present.</b> This species was documented during AECOM surveys in Spring 2014 and there is suitable nesting and foraging habitat present within the BSA.
Red-shouldered hawk	<i>Buteo lineatus</i>	Federal: None State: None MSHCP: None Raptor	Occurs mainly in swamp and forest habitats. They use the same nesting site from year to year.	Year-round resident in Southern California. Breeding takes place from Feb through July with stick nests placed large trees and often reused from year to year. Feeds primarily on small mammals, lizards, snakes, and amphibians.	<b>High potential to occur.</b> TRC observed this species in Segment 1 and there is suitable nesting and foraging habitat present within the BSA (TRC 2013).

Common Name	Scientific Name	Status <sup>1</sup>	Habitat Requirements	Life History	Potential for Occurrence
Swainson's hawk	<i>Buteo swainsoni</i>	Federal: BCC State: ST MSHCP: Adequately Conserved through MSHCP Implementation	Large expanses of wildland or rural areas consisting of native or nonnative tree stands for nesting and nearby open fields for foraging.	A long distance migrant that occurs in Southern California primarily on migration. Formerly a common breeder in riparian woodland bordered by grassland, but now extirpated as a breeder. Feeds on primarily on mammals when breeding and insects during migration and winter.	<b>Moderate potential to occur.</b> Suitable foraging habitat for this migrant species is present within the BSA, but the BSA is outside of its current known breeding range of this species.
Red-tailed hawk	<i>Buteo jamaicensis</i>	Federal: None State: None MSHCP: None Raptor	Widespread across many elevations and habitat types, but requires presence of a nesting tree or cliff in proximity to open foraging areas. Tolerant of human land uses. Nest sites considered sensitive.	Migratory, but a year-round resident in Southern California. Breeds from January into July building stick nests in large trees or man-made structures such as transmission towers. Takes a wide variety of prey including mammals, reptiles, amphibian, and birds.	<b>Present.</b> Two nests were documented in the BSA, and this species was observed foraging throughout the BSA.
Ferruginous hawk	<i>Buteo regalis</i>	Federal: BCC State: WL MSHCP: Adequately Conserved through MSHCP Implementation	Requires large, open tracts of grasslands, sparse shrub, or desert habitats with elevated structures for nesting.	Winter resident occurring from late September through early April. Feeds primarily on rabbits and ground squirrels.	<b>High potential to occur.</b> Suitable foraging habitat is present in the BSA for this winter resident. There are CNDDDB records of this species occurring within 3 miles of the BSA. The BSA is outside of the known breeding range of this species.

Common Name	Scientific Name	Status <sup>1</sup>	Habitat Requirements	Life History	Potential for Occurrence
Golden eagle	<i>Aquila chrysaetos</i>	Federal: BCC State: FP, WL MSHCP: Adequately Conserved through MSHCP Implementation	Inhabits rolling foothills, mountain areas, sage-juniper flats, and desert. Cliff-walled canyons, rocky outcrops, and large trees provide nesting habitat.	Migratory, but present year-round in Southern California. Breeds from Feb through June, building large stick nests on cliff ledges or large trees that are reused from year to year. Feeds primarily on small to medium-sized mammals.	<b>Moderate potential to occur.</b> Suitable foraging habitat is present within the BSA. Potential suitable nesting habitat within the BSA is of low quality due to the extent of urban development in and around the BSA.
American kestrel	<i>Falco sparverius</i>	Federal: None State: None MSHCP: None Raptor	Expanses of any of various types of open vegetation, including anthropogenic conversions (e.g., farmland). Requires suitable tree or other cavities for nesting.	Migratory, but present year-round in Southern California. Breeds from March through June using tree cavities, crevices in dead palm fronds, and a variety of man-made cavities. Feeds on a wide variety of prey including large invertebrates, small mammals, birds, and reptiles.	<b>Present.</b> This species was observed foraging throughout the BSA. This species has a high potential to nest in the BSA and was suspected to be nesting in the transmission poles within the BSA..
Merlin	<i>Falco columbarius</i>	Federal: None State: WL (wintering) MSHCP: Adequately Conserved through MSHCP Implementation	Wide-ranging species wintering in many open habitats such as grassland, farmland, coastal sage scrub, marshes, and developed areas.	Winter resident occurring from October through March. Feeds mainly on birds.	<b>Moderate potential to occur.</b> Suitable foraging habitat is present in the BSA for this winter resident. The BSA is outside of the known breeding range of this species.
Prairie falcon	<i>Falco mexicanus</i>	Federal: BCC State: WL (nesting) MSHCP: Adequately Conserved through MSHCP Implementation	Large, wild expanses of grassland, desert, and other open terrain. Suitable secluded cliffs required for nesting.	Nomadic, but present year-round in Southern California, and moves based on prey availability. Breeds from March through June on rocky cliff and cave ledges.	<b>High potential to occur.</b> TRC observed this species in Segment 1 and there is suitable foraging habitat within the BSA (TRC 2013). There is no suitable breeding habitat in the BSA.

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				Feeds ground squirrels and other small mammals, as well as birds, lizards, and insects.	
American peregrine falcon	<i>Falco peregrinus anatum</i>	Federal: BCC State: FP MHSCP: Adequately Conserved through MSHCP Implementation	Widespread throughout California, prefers open habitat, coastlines, lake edges and mountain chains. Nests on cliff sides or utilized abandoned nests made by large birds but does not build its own nest.	Migratory, but present year-round in Southern California. Breeds from March through May on cliff ledges, buildings, and bridges. Feeds primarily on small birds.	<b>Low potential to occur.</b> This species has low potential to occur in the BSA. There are no large bodies of water or large concentration of prey species for foraging and no suitable breeding habitat within the BSA.
Mountain plover	<i>Charadrius montanus</i>	Federal: FC, BCC State: SSC (wintering) MSCP: Adequately Conserved through MSHCP Implementation	Large expanses of short grassland, rangeland, and plowed fields.	Winter resident in southern California from October through March. Insectivorous.	<b>Moderate potential to occur.</b> There is suitable foraging habitat in the BSA. The BSA is outside the known breeding range of this species.
Western yellow-billed cuckoo	<i>Coccyzus americanus occidentalis</i>	Federal: FC, BCC State: SE MSHCP: Protected via Riparian/Riverine Areas and Vernal Pools policy (Section 6.1.2 of the MSHCP)	Mature and extensive willow-cottonwood riparian forests along the broad lower floodplains of larger river systems.	Summer breeding resident in southern California from June into September. Builds a loose stick nest in tall shrubs and trees. Insectivorous, primarily feeding on caterpillars, cicadas, grasshoppers, and crickets, but will also feed on lizards.	<b>Not expected to occur.</b> Habitat for foraging and breeding not present. Mature riparian forests, which are required for this species, are not present within BSA. .
Great horned owl	<i>Bubo virginianus</i>	Federal: None State: None MSHCP: None Raptor	Occurs in a diverse variety of habitats as long as nest sites, prey source, and roosting sites are available. Prefers tall trees for nesting and roosting that border open habitats for hunting.	Year-round resident in southern California. Breeds from January through July. Nests in stick nests, usually old nests taken over from	<b>Present.</b> This species was documented during AECOM surveys in Spring 2014 and there is suitable nesting and foraging habitat present within the BSA.

Common Name	Scientific Name	Status <sup>1</sup>	Habitat Requirements	Life History	Potential for Occurrence
				other birds, in tall trees. Feeds primarily on small mammals.	
Western burrowing owl	<i>Athene cunicularia</i>	Federal: BCC State: SSC MSHCP: Adequately conserved when Section 6.3.2 of the MSHCP Additional Survey Needs and Procedures completed (Figure 6-4)	Arid and semi-arid environments with gentle terrain and open, low vegetation supporting burrowing mammals. Typically inhabits grasslands, pasturelands, open scrublands, and agricultural margins.	Migratory but present year-round in southern California. Breeds from April through July. Nests in burrows. Feeds on insects, amphibians, reptiles, small mammals, and birds.	<b>High potential to occur.</b> TRC observed this species in Segment 1 and there is a presence of suitable habitat within the BSA (TRC 2013). There are CNDDDB records of this species occurring within 3 miles of the BSA. There is suitable foraging and breeding habitat in the BSA. Not observed during surveys.
Costa's hummingbird	<i>Calypte costae</i>	Federal: None State: SA MSHCP: None	Desert, desert scrub, chaparral, coastal sage scrub, and riparian areas.	Migratory but present year-round in southern California. Breeds from February through July and winters in the desert. Builds a small cup nest in the forks or horizontal limbs of tree branches. Feeds on nectar.	<b>Present.</b> This species was documented during AECOM surveys in spring 2014 and there is suitable foraging and breeding habitat present in the BSA.
Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>	Federal: FE State: SE MSHCP: Protected via Riparian/Riverine Areas and Vernal Pools policy (Section 6.1.2 of the MSHCP)	Mature, extensive cottonwood-willow riparian forest.	Summer breeding resident in southern California from May through August. Builds a cup nest in the forks of tree and shrub branches. Insectivorous.	<b>Low potential to occur.</b> Willow flycatchers of undetermined subspecies were documented during AECOM surveys in spring 2014. Suitable foraging habitat is present in the BSA, but breeding habitat is of marginal quality.
Loggerhead shrike	<i>Lanius ludovicianus</i>	Federal: BCC State: SSC MSHCP: Adequately Conserved through MSHCP Implementation	Large tracts of grassland, agricultural fields, or other open terrain. Intolerant of high human density. Small, often isolated trees or dense shrubs required for nesting. Frequently uses fences and thorny shrubs for hunting perches and for impaling prey.	Year-round resident in southern California. Breeds from March through July. Builds a cup nest, usually placed in thorny shrubs. A predatory songbird	<b>High potential to occur.</b> TRC observed this species in Segment 1 and there is suitable breeding and foraging habitat within the BSA (TRC 2013). There are CNDDDB records of this species occurring within 3 miles of the BSA.

Common Name	Scientific Name	Status <sup>1</sup>	Habitat Requirements	Life History	Potential for Occurrence
				that feeds on insects, amphibians, reptiles, small mammals and other birds.	
Least Bell's vireo	<i>Vireo bellii pusillus</i>	Federal: FE State: SE MSHCP: Protected via Riparian/Riverine Areas and Vernal Pools policy (Section 6.1.2 of the MSHCP)	Forages and nests in lowland riparian vegetation with dense cover in lower layers. Occurs below 610 meters elevation.	Summer resident in southern California from March through September. Breeds from April through August. Builds a cup nest in the forks of tree and shrub branches. Insectivorous.	<b>Present.</b> This species was documented foraging and breeding in the BSA during AECOM surveys in spring 2014.
Coastal Cactus wren	<i>Campylorhynchus brunneicapillus</i>	Federal: BCC State: SSC MSHCP: Adequately Conserved through MSHCP Implementation	Foraging and breeding habitat is coastal sage scrub with patches of tall prickly pear and coastal cholla ( <i>Opuntia littoralis</i> and <i>O. oricola</i> ). Nests almost exclusively in prickly pear and coastal cholla.	Year-round resident in southern California. Breeds from February through July. Builds a conspicuous domed nest of grasses, usually placed in cactus. Feeds primarily on insects.	<b>Low potential to occur.</b> There is low potential of occurrence due to the lack of adequate cactus stands within the BSA.
Coastal California gnatcatcher	<i>Poliophtila californica</i>	Federal: Threatened State: SSC MSHCP: Adequately Conserved through MSHCP Implementation	Coastal sage scrub vegetation, generally below 2,000 feet elevation.	Year-round resident in southern California. Breeds from February through July. Builds a cup nest shrubs. Feeds primarily on insects.	<b>Present.</b> This species was documented foraging during AECOM surveys in spring 2014. There is suitable breeding habitat in the BSA.
California horned lark	<i>Eremophila alpestris actia</i>	Federal: None State: WL; SA MSHCP: Adequately Conserved through MSHCP Implementation	Coastal regions, short-grass prairie, "bald" hills, mountain meadows, open coastal plains, fallow grain fields, and alkali flats.	Year-round resident in southern California. Breeds from March through July. Builds a cup nest in depressions in the ground. Feeds primarily on insects and invertebrates.	<b>Present.</b> This species was documented during AECOM surveys in spring 2014. There is suitable breeding and foraging habitat in the BSA.



Common Name	Scientific Name	Status <sup>1</sup>	Habitat Requirements	Life History	Potential for Occurrence
Grasshopper sparrow	<i>Ammodramus savannarum</i>	Federal: None State: SSC MSHCP: Adequately Conserved through MSHCP Implementation and requirements in Table 9-3 of the MSHCP	Inhabits grassland, upland meadow, pasture, hayfield, and old field habitats. Nests on ground.	Migratory but present year-round in southern California. Breeds from March through July. Builds a cup nest on the ground. Feeds on insects.	<b>Moderate potential to occur.</b> There is a moderate potential for this species to occur within the BSA due to presence of of suitable breeding and foraging habitat.
Bell's sage sparrow	<i>Amphispiza belli belli</i>	Federal: BCC State: WL; SA MSHCP: Adequately Conserved through MSHCP Implementation	Chaparral consisting of relatively dense stands of chamise.	Year-round resident in southern California. Breeds from March through July. Builds a cup nest in shrubs. Feeds on insects, fruits, and seeds.	<b>High potential to occur.</b> TRC observed this species in Segment 1 and there is suitable breeding and foraging habitat within the BSA (TRC 2013). There are CNDDDB records of this species occurring within 3 miles of the BSA.
Southern California rufous-crowned sparrow	<i>Aimophila ruficeps canescens</i>	Federal: None State: WL; SA MSHCP: Adequately Conserved through MSHCP Implementation	Coastal sage scrub and sparse mixed chaparral, often on rocky hillsides with patches of grass and herbaceous vegetation.	Year-round resident in southern California. Breeds from March through July. Builds a cup nest on the ground at the base of grasses and shrubs. Feeds on insects and seeds.	<b>High potential to occur.</b> TRC observed this species in Segment 1 and there is a presence of suitable breeding and foraging habitat within the BSA (TRC 2013). There are CNDDDB records of this species occurring within 3 miles of the BSA.
Yellow warbler	<i>Setophaga petechia</i>	Federal: BCC State: SSC MSHCP: Adequately Conserved through MSHCP Implementation	Mature riparian forest consisting of willow, cottonwood, aspen, sycamore, or alders for nesting and foraging, but will also nest in montane shrubbery in open conifer forests.	Summer resident in southern California from March through October. Breeds from May through July. Builds a cup nest in the forks of tree and shrub branches. Insectivorous.	<b>Present.</b> This species was documented foraging during AECOM surveys in spring 2014. The breeding habitat is fragmented and of marginal quality.
Yellow-breasted chat	<i>Icteria virens</i>	Federal: None State: SSC MSHCP: Adequately Conserved through MSHCP	Inhabits riparian thickets of willow and other brushy tangles near watercourses. Nesting occurs in low, dense riparian areas.	Summer resident in southern California. Breeds from May through August. Builds a cup nest in	<b>High potential to occur.</b> TRC observed this species in Segment 1 and there is suitable nesting and foraging habitat within the BSA (TRC 2013).

Common Name	Scientific Name	Status <sup>1</sup>	Habitat Requirements	Life History	Potential for Occurrence
		Implementation dense		vegetation. Insectivorous.	
Tricolored blackbird	<i>Agelaius tricolor</i>	Federal: BCC State: SSC MSHCP: Adequately Conserved through MSHCP Implementation	Breeds near fresh water, preferably in emergent wetland with tall, dense cattails or tules, but also in thickets of willow, blackberry, wild rose, tall herbs. Feeds in grassland and cropland habitats.	Year-round resident in southern California. Breeds from March through July. Nests in large colonies. Attaches a cup nest to wetland vegetation. Feeds on invertebrates and seeds.	<b>Present.</b> This species was documented during AECOM surveys in spring 2014. This species has moderate potential to nest within the BSA
Lawrence's goldfinch	<i>Spinua lawrencei</i>	Federal: BCC State: SA MSHCP: None	Typical habitats include valley foothill hardwood, valley foothill hardwood-conifer, and, in southern California, desert riparian, palm oasis, pinyon-juniper, and lower montane habitats.	Breeds in northern, central, and inland southern California and winters in coastal lowlands and deserts. Breeds in early spring and summer. Builds a loose cup nest placed in trees. Feeds primarily on seeds.	<b>Present.</b> This species was documented during AECOM surveys in spring 2014. There is suitable foraging habitat within the BSA, but this species has low potential to nest within the BSA due to marginal quality of breeding habitat.
<b>Mammals</b>					
Western mastiff bat	<i>Eumops perotis californicus</i>	Federal: None State: SSC MSHCP: None	Forages in areas of chaparral or live oaks and in more arid, rocky regions. Favors rugged, rocky areas where suitable crevices are available for day-roosts. Inhabits crevices in cliff faces, high buildings, trees, and tunnels.	Mating occurs in the spring. One to two pups are born between May and September. Insectivorous.	<b>Low potential for roosting, moderate potential for foraging.</b> There is moderate potential for this species to forage in the BSA due to large open areas but the lack of cliffs/crevices makes roosting unlikely.
Stephens' kangaroo rat	<i>Dipodomys stephensi</i>	Federal: FE State: ST MSHCP: Adequately Conserved through MSHCP Implementation and SKR HCP	Inhabits annual and perennial grassland habitats, but may occur in coastal scrub or sagebrush with sparse canopy cover, or in disturbed areas.	Young are born in late spring or early summer. Life span is less than a few years. Granivorous.	<b>Present.</b> This species was documented during AECOM surveys in spring 2014.

Common Name	Scientific Name	Status <sup>1</sup>	Habitat Requirements	Life History	Potential for Occurrence
San Bernardino kangaroo rat	<i>Dipodomys merriami parvus</i>	Federal: FE State: SSC MSHCP: Adequately conserved when Section 6.3.2 of the MSHCP Additional Survey Needs and Procedures completed (Figure 6-5)	Inhabits alluvial scrub/coastal sage scrub habitats on gravelly and sandy soils adjoining river and stream terraces, and on alluvial fans. Rarely dense vegetation or rocky washes.	Active year round, breeding from February through October. Granivorous.	<b>Not expected to occur.</b> This species is not expected to occur due to the extirpation of populations in the BSA, which is part of the historic range of this subspecies.
Northwestern San Diego pocket mouse	<i>Chaetodipus fallax fallax</i>	Federal: None State: SSC MSHCP: Adequately Conserved through MSHCP Implementation	Inhabits arid coastal and desert border areas with sandy herbaceous areas, usually in association with rocks or coarse gravel.	Breeds in spring and has a litter of two to four pups. Granivorous.	<b>Present.</b> This species was documented during AECOM surveys in spring 2014.
Los Angeles pocket mouse	<i>Perognathus longimembris brevinasus</i>	Federal: None State: SSC MSHCP: Adequately conserved when Section 6.3.2 of the MSHCP Additional Survey Needs and Procedures completed (Figure 6-5)	Lower elevation grasslands and coastal sage communities in the Los Angeles basin. Prefers open ground with fine, sandy soils.	Breeds in spring and has a litter of two to four pups. Granivorous.	<b>Moderate to low potential to occur, not detected during trapping.</b> TRC observed this species in Segment 1 (TRC 2013) and there are CNDDDB records of this species occurring within 3 miles of the BSA. Not within the MSHCP Survey Area for LAPM (Figure 6-5 of the MSHCP). This species was not detected during small mammal trapping most likely due to habitat degradation in the area.
Dulzura pocket mouse	<i>Chaetodipus californicus femoralis</i>	Federal: None State: SSC MSHCP: None	Generally occurs in coastal sage scrub, chaparral, woodlands and grasslands, often at the scrub-grassland interface.	Breeds in spring and has a litter of two to four pups. Granivorous.	<b>Moderate potential to occur.</b> There is suitable grassland and coastal sage scrub habitat for this species. This species was not observed during small mammal trapping.
Jacumba pocket mouse	<i>Perognathus longimembris internationalis</i>	Federal: None State: SSC MSHCP: None, not expected to occur in Plan area	Occurs in arid coastal sage and chaparral habitats.	Breeds in spring and has a litter of two to four pups. Granivorous.	<b>Not expected to occur.</b> There is suitable coastal sage scrub habitat for this species, but the BSA it is outside the range of this species and is within the range of <i>P. longimembris brevinasus</i> , the more northern subspecies.

Common Name	Scientific Name	Status <sup>1</sup>	Habitat Requirements	Life History	Potential for Occurrence
Southern grasshopper mouse	<i>Onychomys torridus ramona</i>	Federal: None State: SSC MSHCP: None	Inhabits flat, sandy, valley floor habitats.	Nocturnal. Breeds from May to July. Insectivorous.	<b>High potential to occur.</b> TRC observed this species in Segment 1 and there is a presence of suitable habitat within the BSA (TRC 2013). This species was not observed during small mammal trapping.
San Diego desert woodrat	<i>Neotoma lepida intermedia</i>	Federal: None State: SSC MSHCP: Adequately Conserved through MSHCP Implementation	Inhabits a variety of shrub and desert habitats, primarily associated with rock outcroppings, boulders, cacti, or areas of dense undergrowth	Nocturnal. Breeds in late winter and spring. Herbivorous.	<b>Present.</b> This species was documented during AECOM surveys in spring 2014.

<sup>1</sup>Status

Federal (U.S. Fish and Wildlife Service)

FE Federally listed, endangered: species in danger of extinction throughout a significant portion of its range

FT Federally listed, threatened: species likely to become endangered within the foreseeable future

FPE Federally proposed, endangered

FPT Federally proposed, threatened

FPD Federally proposed, delisting

BCC Birds of Conservation Concern: migratory and nonmigratory bird species (beyond those already designated as federally threatened or endangered) that represent the highest conservation priorities and draw attention to species in need of conservation action

Federal (Bureau of Land Management)

BLMS Bureau of Land Management Sensitive: species not designated on federal or state lists as endangered, threatened, candidate, or proposed,

but given special management consideration

State (California Department of Fish and Wildlife)

SA Special animal: species that CDFW is interested in tracking, regardless of its legal or protection status, and is considered to be of greatest conservation need in the State of California

SE State listed, endangered: species in danger of extinction throughout a significant portion of its range

ST State listed, threatened: species likely to become endangered within the foreseeable future

SCE State candidate, endangered

SCT State candidate, threatened

SCD State candidate, delisting

FP Fully protected: additional protection to those animals that are rare or possibly facing extinction

SSC Species of Special Concern: administrative designation for vertebrate species that appears vulnerable to extinction because of declining populations, limited ranges, and/or continuing threats

WL Watch List

Western Riverside County MSHCP<sup>1</sup> (Multiple Species Habitat Conservation Plan)

CA Criteria Area Plant

NE Narrow Endemic Plant

CS Covered Species

sp. Singular abbreviation for species; never italicized

spp. Plural abbreviation for species; never italicized

ssp. Singular abbreviation for subspecies; never italicized

sspp. Plural abbreviation for subspecies; never italicized

var. Abbreviation for variety, a category within a subspecies; never italicized

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## **APPENDIX E**

### **SOIL TYPES WITHIN THE BIOLOGICAL STUDY AREA**





## Appendix E

### Soil Types within the Biological Study Area

Soil Code	Soil Name and Slope	Soil Type	Farmland Status	Proposed Project	Alternative Project
AtC2	Arlington and Greenfield fine sandy loams, 2 to 8 percent slopes , eroded	Undifferentiated group	Farmland of statewide importance	Present	Not Present
AtD2	Arlington and Greenfield fine sandy loams, 8 to 15 percent slopes, eroded	Undifferentiated group	Not prime farmland	Present	Not Present
AtF3	Arlington and Greenfield fine sandy loams, 15 to 35 percent slopes, severely eroded	Undifferentiated group	Not prime farmland	Present	Not Present
AuC	Auld clay, 2 to 8 percent slopes	Consociation	Prime farmland if irrigated	Present	Present
AuD	Auld clay, 8 to 15 percent slopes	Consociation	Not prime farmland	Present	Not Present
BfC	Bosanko clay, 2 to 8 percent slopes	Consociation	Farmland of statewide importance	Present	Present
BfD	Bosanko clay, 8 to 15 percent slopes	Consociation	Not prime farmland	Not Present	Present
BkC2	Buchenau silt loam, 2 to 8 percent slopes, eroded	Consociation	Farmland of statewide importance	Present	Present
BxC2	Buren loam, deep, 2 to 8 percent slopes, eroded	Consociation	Prime farmland if irrigated	Present	Not Present
CaC2	Cajalco fine sandy loam, 2 to 8 percent slopes, eroded	Consociation	Farmland of statewide importance	Not Present	Present
CaD2	Cajalco fine sandy loam, 8 to 15 percent slopes, eroded	Consociation	Not prime farmland	Present	Present
CbF2	Cajalco rocky fine sandy loam, 15 to 50 percent slopes, eroded	Complex	Not prime farmland	Present	Not Present
Cf	Chino silt loam, drained, saline-alkali	Consociation	Farmland of statewide importance	Present	Present
ChD2	Cieneba sandy loam, 8 to 15 percent slopes, eroded	Consociation	Not prime farmland	Present	Present
CkD2	Cieneba rocky sandy loam, 8 to 15 percent slopes, eroded	Complex	Not prime farmland	Present	Not Present
CkF2	Cieneba rocky sandy loam, 15 to 50 percent slopes, eroded	Complex	Not prime farmland	Present	Present
FaD2	Fallbrook sandy loam, 8 to 15 percent slopes, eroded	Consociation	Farmland of statewide importance	Present	Not Present
FfC2	Fallbrook fine sandy loam, 2 to 8 percent slopes, eroded	Consociation	Farmland of statewide importance	Not Present	Present
FkD2	Fallbrook fine sandy loam, shallow, 8 to 15 percent slopes, eroded	Consociation	Not prime farmland	Present	Not Present
FwE2	Friant fine sandy loam, 5 to 25 percent slopes, eroded	Consociation	Not prime farmland	Not Present	Present
GyC2	Greenfield sandy loam, 2 to 8 percent slopes, eroded	Consociation	Prime farmland if irrigated	Present	Not Present
GyD2	Greenfield sandy loam, 8 to 15 percent slopes, eroded	Consociation	Farmland of statewide importance	Present	Not Present
GzG	Gullied land	Consociation	Not prime farmland	Present	Not Present
HnC	Honcut sandy loam, 2 to 8 percent slopes	Consociation	Prime farmland if irrigated	Present	Not Present

Soil Code	Soil Name and Slope	Soil Type	Farmland Status	Proposed Project	Alternative Project
HuC2	Honcut loam, 2 to 8 percent slopes, eroded	Consociation	Prime farmland if irrigated	Present	Not Present
LaC	Las Posas loam, 2 to 8 percent slopes	Consociation	Farmland of statewide importance	Present	Present
LaD2	Las Posas loam, 8 to 15 percent slopes, eroded	Consociation	Not prime farmland	Present	Not Present
LaE3	Las Posas loam, 8 to 25 percent slopes, severely eroded	Consociation	Not prime farmland	Present	Present
LkF3	Las Posas rocky loam, 15 to 50 percent slopes, severely eroded	Complex	Not prime farmland	Present	Not Present
LoF2	Lodo gravelly loam, 15 to 50 percent slopes, eroded	Consociation	Not prime farmland	Not Present	Present
MmB	Monserate sandy loam, 0 to 5 percent slopes	Consociation	Farmland of statewide importance	Present	Present
MmC2	Monserate sandy loam, 5 to 8 percent slopes, eroded	Consociation	Farmland of statewide importance	Present	Present
MmD2	Monserate sandy loam, 8 to 15 percent slopes, eroded	Consociation	Farmland of statewide importance	Present	Present
MnD2	Monserate sandy loam, shallow, 5 to 15 percent slopes, eroded	Consociation	Not prime farmland	Present	Not Present
RaA	Ramona sandy loam, 0 to 2 percent slopes	Consociation	Prime farmland if irrigated	Present	Not Present
ReC2	Ramona very fine sandy loam, 0 to 8 percent slopes, eroded	Consociation	Prime farmland if irrigated	Present	Not Present
RmE3	Ramona and Buren sandy loams, 15 to 25 percent slopes, severely eroded	Undifferentiated group	Not prime farmland	Present	Not Present
RnD2	Ramona and Buren loams, 5 to 15 percent slopes, eroded	Undifferentiated group	Not prime farmland	Present	Not Present
RnE3	Ramona and Buren loams, 5 to 25 percent slopes, severely eroded	Undifferentiated group	Not prime farmland	Present	Not Present
RsC	Riverwash	Consociation	Not prime farmland	Present	Not Present
RuF	Rough broken land	Consociation	Not prime farmland	Present	Not Present
TeG	Terrace escarpments	Consociation	Not prime farmland	Present	Not Present
VeC2	Vallecitos loam, thick solum variant, 2 to 8 percent slopes, eroded	Consociation	Prime farmland if irrigated	Not Present	Present
VsC	Vista coarse sandy loam, 2 to 8 percent slopes	Consociation	Farmland of statewide importance	Not Present	Present
VsD2	Vista coarse sandy loam, 8 to 15 percent slopes, eroded	Consociation	Not prime farmland	Not Present	Present
WyC2	Wyman loam, 2 to 8 percent slopes, eroded	Consociation	Prime farmland if irrigated	Present	Present
YbC	Yokohl loam, 2 to 8 percent slopes	Consociation	Not prime farmland	Present	Not Present

## **APPENDIX F**

### **PLANT SPECIES DETECTED WITHIN THE BIOLOGICAL STUDY AREA**



## Appendix F

### Plant Species Detected within the Biological Study Area

Family	Scientific Name	Common Name
Adoxaceae	<i>Sambucus nigra</i> ssp. <i>caerulea</i>	blue elderberry
Agavaceae	<i>Chlorogalum parviflorum</i>	small-flowered soap-plant
Amaranthaceae	* <i>Amaranthus albus</i>	tumbleweed
	<i>Amaranthus blitoides</i>	procumbent pigweed
Anacardiaceae	<i>Rhus aromatica</i>	skunk bush
Apiaceae	<i>Apiastrum angustifolium</i>	California wild celery
	<i>Daucus pusillus</i>	rattlesnake carrot
Apocynaceae	<i>Funastrum cynanchoides</i> var. <i>hartwegii</i>	climbing milkweed
Asteraceae	<i>Ambrosia acanthicarpa</i>	annual bur-sage
	<i>Ambrosia psilostachya</i>	western ragweed
	<i>Ambrosia pumila</i>	San Diego ambrosia
	* <i>Anthemis cotula</i>	mayweed
	<i>Artemisia californica</i>	California sagebrush
	<i>Artemisia dracunculus</i>	tarragon
	<i>Baccharis pilularis</i> ssp. <i>consanguinea</i>	American carrot
	<i>Baccharis salicifolia</i> ssp. <i>salicifolia</i>	mule fat
	<i>Baileya multiradiata</i>	desert baileya
	* <i>Carduus pycnocephalus</i> ssp. <i>pycnocephalus</i>	Italian thistle
	* <i>Centaurea melitensis</i>	toçalote
	<i>Chaenactis glabriuscula</i> var. <i>glabriuscula</i>	common yellow pincushion
	* <i>Cirsium vulgare</i>	bull thistle
	<i>Corethrogyne filaginifolia</i>	California sand-aster
	* <i>Cotula coronopifolia</i>	brass-buttons
	<i>Deinandra fasciculata</i>	fascicled tarplant
	<i>Encelia californica</i>	California encelia
	<i>Encelia farinosa</i>	incienso brittlebush
	<i>Ericameria palmeri</i> var. <i>pachylepis</i>	thickbracted goldenbush
	* <i>Erigeron bonariensis</i>	flax-leaved horseweed
	<i>Gnaphalium palustre</i>	western marsh cudweed
	<i>Gutierrezia californica</i>	California matchweed
	* <i>Hedypnois cretica</i>	crete weed
	<i>Helianthus annuus</i>	annual sunflower
	<i>Helianthus gracilentus</i>	slender sunflower
	<i>Heterotheca grandiflora</i>	telegraph weed

Family	Scientific Name	Common Name
Asteraceae	<i>*Hypochaeris glabra</i>	smooth cat's-ear
	<i>*Lactuca serriola</i>	prickly lettuce
	<i>Lasthenia gracilis</i>	common goldfields
	<i>Layia glandulosa</i>	white layia
	<i>Lepidospartum squamatum</i>	scale-broom
	<i>*Logfia gallica</i>	daggerleaf cottonrose
	<i>*Matricaria discoidea</i>	pineapple weed, rayless chamomile
	<i>*Oncosiphon piluliferum</i>	stinknet
	<i>Osmadenia tenella</i>	osmadenia
	<i>Pseudognaphalium californicum</i>	California everlasting
	<i>*Pseudognaphalium luteoalbum</i>	weedy cudweed
	<i>Psilocarphus brevissimus</i> var. <i>brevissimus</i>	dwarf woollyheads
	<i>Rafinesquia californica</i>	California chicory
	<i>*Senecio vulgaris</i>	common groundsel
	<i>*Sonchus asper</i> ssp. <i>asper</i>	prickly sow thistle
	<i>*Sonchus oleraceus</i>	common sow thistle
	<i>Stylocline gnaphaloides</i>	everlasting neststraw
	<i>Uropappus lindleyi</i>	silver-puffs
	<i>Xanthium strumarium</i>	cocklebur
Boraginaceae	<i>Amsinckia intermedia</i>	common fiddleneck
	<i>Amsinckia menziesii</i>	common fiddleneck
	<i>Amsinckia retrorsa</i>	rigid fiddleneck
	<i>Cryptantha intermedia</i> var. <i>intermedia</i>	intermediate cryptantha
	<i>Cryptantha microstachys</i>	Tejon cryptantha
	<i>Emmenanthe penduliflora</i> var. <i>penduliflora</i>	whispering bells
	<i>Eucrypta chrysanthemifolia</i> var. <i>chrysanthemifolia</i>	chrysanthemum-leaved eucrypta
	<i>Harpagonella palmeri</i>	Palmer's grapplinghook
	<i>Heliotropium curassavicum</i> var. <i>oculatum</i>	seaside heliotrope
	<i>Pectocarya linearis</i> ssp. <i>ferocula</i>	narrow-toothed pectocarya
	<i>Pectocarya penicillata</i>	northern pectocarya
	<i>Phacelia minor</i>	wild canterbury bells
	<i>Phacelia ramosissima</i>	branching phacelia
	<i>Plagiobothrys canescens</i> var. <i>canescens</i>	valley popcornflower
	<i>Plagiobothrys collinus</i> var. <i>californicus</i>	California popcornflower

Family	Scientific Name	Common Name
Brassicaceae	<i>*Brassica nigra</i>	black mustard
	<i>*Brassica tournefortii</i>	Tournefort's mustard
	<i>*Capsella bursa-pastoris</i>	common shepherd's-purse
	<i>*Hirschfeldia incana</i>	summer field mustard
	<i>*Lepidium didymum</i>	lesser swine cress
	<i>Lepidium nitidum</i>	shining pepperwort
	<i>*Raphanus sativus</i>	radish
	<i>*Sisymbrium irio</i>	London rocket
	<i>*Sisymbrium orientale</i>	oriental sisymbrium
Cactaceae	<i>Cylindropuntia prolifera</i>	coast cholla
	<i>Opuntia littoralis</i>	littoral prickly-pear
Caryophyllaceae	<i>*Cerastium glomeratum</i>	sticky mouse-ear chickweed
	<i>*Herniaria hirsuta</i> var. <i>cinerea</i>	hairy herniaria
	<i>Loeflingia squarrosa</i>	spreading pygmyleaf
	<i>Polycarpon depressum</i>	California polycarp
	<i>Spergularia bocconi</i>	Boccone's sand-spurrey
Chenopodiaceae	<i>Atriplex lentiformis</i>	big saltbush
	<i>*Chenopodium album</i>	lamb's quarters
	<i>Chenopodium berlandieri</i> var. <i>zschackei</i>	pit-seeded goosefoot
Cistaceae	<i>*Cistus incanus</i>	hairy rock-rose
Convolvulaceae	<i>Calystegia macrostegia</i> ssp. <i>cyclostegia</i>	southern California morning-glory
	<i>Calystegia macrostegia</i> ssp. <i>tenuifolia</i>	San Diego morning-glory
	<i>*Convolvulus arvensis</i>	bindweed
	<i>Convolvulus simulans</i>	small-flowered morning-glory
	<i>Cressa truxillensis</i>	alkali weed
	<i>Cuscuta californica</i> var. <i>californica</i>	California cuscuta
Crassulaceae	<i>Crassula aquatica</i>	water pygmyweed
	<i>Crassula connata</i>	pygmy-weed
Cucurbitaceae	<i>Cucurbita foetidissima</i>	buffalo gourd
	<i>Marah macrocarpa</i>	chilicothe
Cyperaceae	<i>Bolboschoenus maritimus</i> ssp. <i>paludosus</i>	saltmarsh bulrush
	<i>Cyperus eragrostis</i>	eragrostoid cyperus
	<i>Eleocharis macrostachya</i>	longstem spike-rush
	<i>Eleocharis parishii</i>	Parish's spike-rush
	<i>Schoenoplectus acutus</i> var. <i>occidentalis</i>	common tule

Family	Scientific Name	Common Name
Euphorbiaceae	<i>Croton setiger</i>	turkey-mullein
	<i>Euphorbia albomarginata</i>	rattlesnake sandmat
	* <i>Euphorbia maculata</i>	spotted spurge
	<i>Euphorbia spathulata</i>	warty spurge
Fabaceae	<i>Acmispon americanus</i> var. <i>americanus</i>	parish's lotus
	<i>Acmispon glaber</i> var. <i>brevialatus</i>	deerweed
	<i>Acmispon micranthus</i>	grab lotus
	<i>Acmispon strigosus</i>	strigose lotus
	<i>Astragalus gambelianus</i>	gambel milkvetch
	<i>Astragalus pomonensis</i>	Pomona milkvetch
	<i>Lupinus bicolor</i>	miniature lupine
	<i>Lupinus microcarpus</i> var. <i>densiflorus</i>	dense-flowered lupine
	<i>Lupinus sparsiflorus</i>	Coulter's lupine
	<i>Lupinus succulentus</i>	arroyo lupine
	* <i>Medicago polymorpha</i>	California burclover
	* <i>Melilotus indicus</i>	sourclover
	* <i>Robinia pseudoacacia</i>	black locust
	* <i>Vicia villosa</i> ssp. <i>villosa</i>	villous vetch
Frankeniaceae	<i>Frankenia salina</i>	alkali heath
Geraniaceae	* <i>Erodium botrys</i>	long-beaked filaree
	* <i>Erodium brachycarpum</i>	short-fruited filaree
	* <i>Erodium cicutarium</i>	redstem filaree
	* <i>Erodium moschatum</i>	greenstem filaree
Iridaceae	<i>Sisyrinchium bellum</i>	western blue-eyed-grass
Juncaceae	<i>Juncus bufonius</i> var. <i>occidentalis</i>	western toad rush
	<i>Juncus mexicanus</i>	Mexican rush
Lamiaceae	* <i>Marrubium vulgare</i>	common horehound
	<i>Salvia apiana</i>	white sage
	<i>Salvia columbariae</i>	chia
	<i>Salvia mellifera</i>	black sage
	<i>Trichostema lanceolatum</i>	vinegar weed
Liliaceae	<i>Calochortus splendens</i>	splendid calochortus
Lythraceae	* <i>Lythrum hyssopifolia</i>	grass poly
Malvaceae	* <i>Malva parviflora</i>	cheeseweed
	<i>Malvella leprosa</i>	alkali-mallow
	* <i>Modiola caroliniana</i>	modiola



Family	Scientific Name	Common Name
Montiaceae	<i>Calandrinia ciliata</i>	red maids
Myrsinaceae	* <i>Anagallis arvensis</i>	scarlet pimpernel
Nyctaginaceae	<i>Mirabilis laevis</i> var. <i>crassifolia</i>	wishbone bush
Onagraceae	<i>Camissonia strigulosa</i>	strigose suncup
	<i>Camissoniopsis intermedia</i>	intermediate camissonia
	<i>Camissoniopsis micrantha</i>	miniature suncup
	<i>Epilobium ciliatum</i> ssp. <i>ciliatum</i>	ciliate willow-herb
Orobanchaceae	<i>Castilleja foliolosa</i>	woolly paintbrush
Papaveraceae	<i>Eschscholzia californica</i>	California poppy
Phrymaceae	<i>Mimulus brevipes</i>	slope semiphore
	<i>Mimulus guttatus</i>	seep-spring mimulus
Plantaginaceae Plantaginaceae	<i>Keckiella antirrhinoides</i> var. <i>antirrhinoides</i>	snapdragon keckiella
	<i>Penstemon centranthifolius</i>	scarlet bugler
	<i>Plantago erecta</i>	plantain
	* <i>Veronica anagallis-aquatica</i>	water speedwell
	<i>Veronica peregrina</i> ssp. <i>xalapensis</i>	purslane speedwell
Poaceae	* <i>Avena barbata</i>	slender wild oat
	* <i>Avena fatua</i>	wild oat
	* <i>Bromus diandrus</i>	ripgut grass
	* <i>Bromus hordeaceus</i>	soft chess
	* <i>Bromus madritensis</i> ssp. <i>rubens</i>	red brome
	* <i>Cortaderia selloana</i>	pampas grass
	* <i>Cynodon dactylon</i>	Bermuda grass
	<i>Distichlis spicata</i>	salt grass
	<i>Festuca microstachys</i>	Nuttall's fescue
	* <i>Festuca myuros</i>	rattail sixweeks grass
	* <i>Festuca perennis</i>	rye grass
	* <i>Hordeum murinum</i> ssp. <i>glaucum</i>	smooth barley
	* <i>Hordeum vulgare</i>	barley
	* <i>Phalaris paradoxa</i>	hood canary grass
	* <i>Poa annua</i>	annual blue grass
	* <i>Polypogon monspeliensis</i>	annual beard grass
	* <i>Schismus barbatus</i>	common schismus
	<i>Stipa lepida</i>	foothill needle grass
	<i>Stipa pulchra</i>	purple needle grass

Family	Scientific Name	Common Name
Polemoniaceae	<i>Eriastrum sapphirinum</i> ssp. <i>dasyanthum</i>	sapphire eriastrum
	<i>Gilia angelensis</i>	chaparral gilia
	<i>Navarretia atractyloides</i>	holly-leaved navarretia
Polygonaceae	<i>Chorizanthe fimbriata</i> var. <i>fimbriata</i>	fringed spineflower
	<i>Chorizanthe parryi</i> var. <i>parryi</i>	Parry's spineflower
	<i>Chorizanthe polygonoides</i> var. <i>longispina</i>	long-spined spineflower
	<i>Eriogonum fasciculatum</i> var. <i>foliolosum</i>	leafy California buckwheat
	* <i>Polygonum aviculare</i> ssp. <i>depressum</i>	prostrate knotweed
	* <i>Rumex crispus</i>	curly dock
	<i>Rumex salicifolius</i>	willow dock
Pteridaceae	<i>Pellaea andromedifolia</i>	coffee fern
	<i>Pentagramma triangularis</i> ssp. <i>triangularis</i>	goldenback fern
Rosaceae	<i>Heteromeles arbutifolia</i>	toyon
Rubiaceae	<i>Galium angustifolium</i> ssp. <i>angustifolium</i>	narrow-leaved bedstraw
Salicaceae	<i>Populus fremontii</i> ssp. <i>fremontii</i>	alamo or fremont cottonwood
	<i>Salix exigua</i> var. <i>hindsiana</i>	hinds' willow
	<i>Salix gooddingii</i>	Goodding's black willow
	<i>Salix laevigata</i>	red willow
Saururaceae	<i>Anemopsis californica</i>	yerba mansa
Scrophulariaceae	<i>Scrophularia californica</i>	California figwort
Solanaceae	<i>Datura wrightii</i>	Wright's datura
	* <i>Nicotiana glauca</i>	tree tobacco
	<i>Solanum xanti</i>	chaparral nightshade
Tamaricaceae	* <i>Tamarix ramosissima</i>	saltcedar
Themidaceae	<i>Dichelostemma capitatum</i> ssp. <i>capitatum</i>	blue dicks
Typhaceae	<i>Typha domingensis</i>	southern cattail
Urticaceae	<i>Parietaria hespera</i> var. <i>californica</i>	western pellitory
	<i>Urtica dioica</i> ssp. <i>holosericea</i>	hoary nettle
	* <i>Urtica urens</i>	dwarf nettle
Zygophyllaceae	* <i>Tribulus terrestris</i>	puncture vine

## **APPENDIX G**

### **WILDLIFE SPECIES DETECTED WITHIN THE BIOLOGICAL STUDY AREA**



## Appendix G

### Wildlife Species Detected within the Biological Study Area

Family	Order	Scientific Name	Common Name
<b>Invertebrates</b>			
Branchinectidae Ano	straca	<i>Branchinecta lindahli</i>	Lindahl's fairy shrimp
Hesperiidae Lep	idoptera	<i>Pyrgus albescens</i>	white-checked skipper
Nymphalidae Lepi	doptera	<i>Vanessa annabella</i>	west coast lady
Nymphalidae Lepi	doptera	<i>Vanessa atalanta</i>	red admiral
Nymphalidae Lepi	doptera	<i>Vanessa cardui</i>	painted lady
Papilionidae Lepi	doptera	<i>Papilio rutulus</i>	western tiger swallowtail
Pieridae Lepidoptera		<i>Pieris rapae</i>	cabbage white
Pieridae Lepidoptera		<i>Pontia protodice</i>	checkered white
Apidae Hy	menoptera	<i>Apis scutellata</i>	African bee
<b>Amphibians and Reptiles</b>			
Bufonidae An	ura	<i>Bufo boreas</i>	western toad
Teiidae Squ	amata	<i>Aspidozelis tigris stejnegeri</i>	coastal whiptail
Phrynosomatidae Squ	amata	<i>Sceloporus occidentalis</i>	western fence lizard
Phrynosomatidae Squ	amata	<i>Sceloporus orcutti</i>	granite spiny lizard
Phrynosomatidae Squ	amata	<i>Uta stansburiana</i>	side-blotched lizard
Colubridae Squ	amata	<i>Pituophis catenifer</i>	gopher snake
Viperidae Sq	uamata	<i>Crotalus oreganus helleri</i>	southern Pacific rattlesnake
<b>Avian</b>			
Accipitridae Accip	itriiformes	<i>Accipiter cooperii</i>	Cooper's hawk
Accipitridae Accip	itriiformes	<i>Buteo jamaicensis</i>	red-tailed hawk
Cathartidae Accip	itriiformes	<i>Cathartes aura</i>	turkey vulture
Anatidae Anse	riiformes	<i>Anas platyrhynchos</i>	mallard
Anatidae Anse	riiformes	<i>Branta canadensis</i>	Canada goose
Trochilidae Apod	iformes	<i>Calypse anna</i>	Anna's hummingbird
Trochilidae Apod	iformes	<i>Calypse costae</i>	Costa's hummingbird
Charadriidae Chara	driiiformes	<i>Charadrius vociferus</i>	killdeer
Columbidae Co	lumbiformes	<i>Columba livia</i>	rock pigeon
Columbidae Co	lumbiformes	<i>Streptopelia decaocto</i>	Eurasian collared-dove
Columbidae Co	lumbiformes	<i>Zenaida macroura</i>	mourning dove
Cuculidae Cuculiform	es	<i>Geococcyx californianus</i>	greater roadrunner
Falconidae Fal	coniformes	<i>Falco sparverius</i>	American kestrel
Odontophoridae Gallifo	rmes	<i>Callipepla californica</i>	California quail
Aegithalidae Passeriform	es	<i>Psaltiriparus minimus</i>	bushtit
Alaudidae Passeri	formes	<i>Eremophila alpestris ssp. actia</i>	California horned lark

Family	Order	Scientific Name	Common Name
Cardinalidae Passerif	ormes	<i>Passerina caerulea</i>	blue grosbeak
Cardinalidae Passerif	ormes	<i>Pheucticus melanocephalus</i>	black-headed grosbeak
Corvidae Passer	iformes	<i>Corvus brachyrhynchos</i>	American crow
Corvidae Passer	iformes	<i>Corvus corax</i>	common raven
Emberizidae Passeriform	es	<i>Chondestes grammacus</i>	lark sparrow
Emberizidae Passeriform	es	<i>Melospiza melodia</i>	song sparrow
Emberizidae Passeriform	es	<i>Melozona crissalis</i>	California towhee
Emberizidae Passeriform	es	<i>Pipilo maculatus</i>	spotted towhee
Fringillidae Passeriform	es	<i>Haemorhous mexicanus</i>	house finch
Fringillidae Passeriform	es	<i>Spinus lawrencei</i>	Lawrence's goldfinch
Fringillidae Passeriform	es	<i>Spinus psaltria</i>	lesser goldfinch
Fringillidae Passeriform	es	<i>Spinus tristis</i>	American goldfinch
Hirundinidae Passer	iformes	<i>Hirundo rustica</i>	barn swallow
Hirundinidae Passer	iformes	<i>Petrochelidon pyrrhonota</i>	cliff swallow
Hirundinidae Passer	iformes	<i>Stelgidopteryx serripennis</i>	northern rough-winged swallow
Icteridae Passerif	ormes	<i>Agelaius phoeniceus</i>	red-winged blackbird
Icteridae Passerif	ormes	<i>Agelaius tricolor</i>	tricolored blackbird
Icteridae Passerif	ormes	<i>Icterus bullockii</i>	Bullock's oriole
Icteridae Passerif	ormes	<i>Icterus cucullatus</i>	hooded oriole
Icteridae Passerif	ormes	<i>Molothrus ater</i>	brown-headed cowbird
Icteridae Passerif	ormes	<i>Sturnella neglecta</i>	western meadowlark
Mimidae Passerif	ormes	<i>Mimus polyglottos</i>	northern mockingbird
Mimidae Passerif	ormes	<i>Toxostoma redivivum</i>	California thrasher
Parulidae Passeriform	es	<i>Cardellina pusilla</i>	Wilson's warbler
Parulidae Passeriform	es	<i>Geothlypis tolmiei</i>	MacGillivray's warbler
Parulidae Passeriform	es	<i>Geothlypis trichas</i>	common yellowthroat
Parulidae Passeriform	es	<i>Oreothlypis celata</i>	orange-crowned warbler
Parulidae Passeriform	es	<i>Setophaga coronata</i>	yellow-rumped warbler
Parulidae Passeriform	es	<i>Setophaga petechia brewsteri</i>	yellow warbler
Poliophtilidae Passeriform	es	<i>Poliophtila californica californica</i>	coastal California gnatcatcher
Ptilonotidae Passeriform	es	<i>Phainopepla nitens</i>	phainopepla
Sturnidae Passeri	formes	<i>Sturnus vulgaris</i>	European starling
Troglodytidae Passeriform	es	<i>Thryomanes bewickii</i>	Bewick's wren
Troglodytidae Passeriform	es	<i>Troglodytes aedon</i>	house wren
Turdidae Passer	iformes	<i>Catharus ustulatus</i>	Swainson's thrush
Turdidae Passer	iformes	<i>Sialia mexicana</i>	western bluebird
Tyrannidae Passerif	ormes	<i>Contopus sordidulus</i>	western wood-pewee

Family	Order	Scientific Name	Common Name
Tyrannidae Passerif	ormes	<i>Empidonax difficilis</i>	Pacific-slope flycatcher
Tyrannidae Passerif	ormes	<i>Empidonax oberholseri</i>	dusky flycatcher
Tyrannidae Passerif	ormes	<i>Myiarchus cinerascens</i>	ash-throated flycatcher
Tyrannidae Passerif	ormes	<i>Sayornis nigricans</i>	black phoebe
Tyrannidae Passerif	ormes	<i>Sayornis saya</i>	Say's phoebe
Tyrannidae Passerif	ormes	<i>Tyrannus verticalis</i>	western kingbird
Tyrannidae Passerif	ormes	<i>Tyrannus vociferans</i>	Cassin's kingbird
Vireonidae Passerif	ormes	<i>Vireo bellii pusillus</i>	least Bell's vireo
Vireonidae Passerif	ormes	<i>Vireo cassinii</i>	Cassin's vireo
Vireonidae Passerif	ormes	<i>Vireo gilvus</i>	warbling vireo
Ardeidae Pelecaniform	es	<i>Butorides virescens</i>	green heron
Ardeidae Pelecaniform	es	<i>Nycticorax nycticorax</i>	black-crowned night heron
Threskiornithidae Pelecaniform	es	<i>Plegadis chihi</i>	white-faced ibis
Picidae Piciform	es	<i>Colaptes auratus</i>	northern flicker
Picidae Piciform	es	<i>Melanerpes formicivorus</i>	acorn woodpecker
Picidae Piciform	es	<i>Picoides pubescens</i>	downy woodpecker
Picidae Piciform	es	<i>Picoides nuttallii</i>	Nuttall's woodpecker
Strigidae St	rigiformes	<i>Bubo virginianus</i>	great horned owl
<b>Mammals</b>			
Cervidae Artiodactyla		<i>Odocoileus hemionus</i>	mule deer
Canidae C	arnivora	<i>Canis latrans</i>	coyote
Leporidae Lag	omorpha	<i>Sylvilagus audubonii</i>	desert cottontail
Cricetidae Ro	dentia	<i>Neotoma lepida intermedia</i>	San Diego desert woodrat
Cricetidae Ro	dentia	<i>Peromyscus maniculatus</i>	deer mouse
Cricetidae Ro	dentia	<i>Peromyscus fraterculus</i>	Baja mouse
Cricetidae Ro	dentia	<i>Neotoma macrotis</i>	big-eared woodrat
Cricetidae Ro	dentia	<i>Reithrodontomys megalotis</i>	western harvest mouse
Geomyidae R	odentia	<i>Thomomys bottae</i>	Botta's pocket gopher
Heteromyidae Ro	dentia	<i>Dipodomys stephensi</i>	Stephens' kangaroo rat
Heteromyidae Ro	dentia	<i>Dipodomys simulans</i>	Dulzura kangaroo rat
Heteromyidae Ro	dentia	<i>Chaetodipus fallax fallax</i>	northwestern San Diego pocket mouse
Sciuridae R	odentia	<i>Spermophilus beecheyi</i>	California ground squirrel





## **APPENDIX H**

### **2013–2014 WET SEASON FAIRY SHRIMP SURVEY REPORT**





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May 21, 2014/Version 3

Ms. Stacey Love  
Recovery Permit Coordinator  
Carlsbad Fish and Wildlife Office  
6010 Hidden Valley Road, Suite 101  
Carlsbad, California 92011

**RE: 90-Day Report of Protocol Wet-Season Fairy Shrimp Surveys for Listed Branchiopod Species within the Southern California Edison Company's (SCE) Valley South 115 kV Subtransmission Project (VSSP) Survey Area, Riverside County, California**

Dear Ms. Love:

In compliance with the Special Terms and Conditions for Endangered and Threatened Wildlife Species Permit TE-820658-4, AECOM conducted focused wet-season surveys to determine the presence or absence of listed branchiopod species, including the federally listed endangered San Diego fairy shrimp (*Branchinecta sandiegonensis*; SDFS) and Riverside fairy shrimp (*Streptocephalus woottoni*; RFS) for SCE's Valley South 115kV Subtransmission Project, Riverside County, California (Figure 1).

### **Project Description**

SCE is proposing to replace the overhead conductor along the existing Valley-Auld-Triton 115 kV subtransmission line located in portions of unincorporated Riverside County and the cities of Murrietta and Temecula. The Proposed Project begins at the tubular steel pole (TSP) located at the southeast corner of Benton and Leon Roads, and continues south to the Terminal TSP located on the south side of Nicholas Road, approximately 250 feet west of Los Chorus Ranch Road in the city of Temecula. This reconductor segment is approximately 3.4 miles in length and is referred to as Proposed Project Segment 2.

The Alternative Project Segment 2 begins at an existing TSP located east of Auld Substation. From this location, the Alternative Project Segment 2 connects to the existing Valley-Auld-Triton 115 kV subtransmission line paralleling Los Alamos Road in an easterly direction for approximately 0.5 mile until it reaches Briggs Road and continues in a southerly direction for approximately 0.5 mile. At this point, the Alternative Project Segment 2 then spans State Route 79 in an easterly direction and merges with Proposed Project Segment 2 at the TSP near the intersection of Benton and Leon Roads. It then follows the same 3.4-mile route as Proposed Project Segment 2, travelling south to the TSP near Nicholas Road in the city of Temecula. For purposes of this report, the Alternative Project Segment 2 consists of the unique 1.6-mile segment from the TSP near Auld Substation to the TSP at the intersection of Benton and Leon Roads.

The protocol wet season fairy shrimp surveys were conducted within Proposed Project Segment 2 (3.4 miles) and the Alternative Project Segment 2 (1.6 miles). The total survey

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Carlsbad Fish and Wildlife Office  
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area consists of a 250-foot buffer on either side of the existing 115 kV subtransmission line for a linear distance of approximately 5 miles (Figures 2a and 2b).

### **Site Description**

The VSSP survey area is approximately 300 acres and consists of coastal sage scrub, grassland, riparian areas, agriculture, and urban/developed land. The seven temporary ponded areas occur within areas of grassland and fallow agriculture.

### **Species Background Information**

SDFS and RFS are both federally listed as endangered. The U.S. Fish and Wildlife Service (USFWS) listed SDFS on February 3, 1997 (62 Federal Register 4925). USFWS listed RFS on July 16, 1993 (58 Federal Register 41384). A recovery plan for these species has been issued (USFWS 1998).

SDFS and RFS are small aquatic crustaceans restricted to vernal pool environments. SDFS distribution occurs from Santa Barbara County south to northwestern Baja California, Mexico. SDFS have been detected within vernal pools and ephemeral basins ranging from a depth of 2 to 12 inches (5 to 30 centimeters) (USFWS 2000). SDFS are also known to occur within ditches and road ruts able to support suitable conditions (USFWS 1997). SDFS are typically observable from January through March after winter and spring rains; however, the hatching period may begin earlier or end later with a longer season of rainfall, providing more water for refilling vernal pools. Simovich and Fugate (1992) found that SDFS cysts could hatch in temperatures ranging from 50 degrees Fahrenheit (°F) to 59°F (10 degrees Centigrade [°C] to 15°C). Newly hatched fairy shrimp (nauplii) emerge and develop into adults between mid-December and early May (Eriksen and Belk 1999). Hatching requirements include an aquatic environment with a moderate pH level, and low alkalinity and conductivity levels, which may be due to physiological requirements (Gonzalez et al. 1996). Nauplii mature within 10 to 20 days and may live for approximately 40 days (Hathaway and Simovich 1996), during which time they mate and produce another generation of cysts. During the dry season, cysts are capable of withstanding extreme hot and cold temperatures and prolonged drying.

RFS have a very restricted distribution. RFS have been detected in Riverside County in the vicinity of Temecula (Eng et al. 1990), and in San Diego County on Otay Mesa, Marine Corps Base Camp Pendleton, and Marine Corps Air Station Miramar (Simovich and Fugate 1992). RFS prefer deeper ephemeral waters, and typically occupy vernal pools and temporary ponds where water typically persists into April or May and reaches a minimum depth of 1 foot (30 centimeters) at filling (Eng et al. 1990). The primary threat to both fairy shrimp species is urban and agricultural development of their habitat (Eriksen and Belk 1999).

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### **Survey Methodology**

The 2013/2014 wet season was the first year that protocol-level surveys were conducted within the VSSP survey area. Focused protocol surveys for the federally listed SDFS and RFS were performed within the VSSP survey area from December 2013 through April 2014. AECOM biologists Andrew Fisher and Lance Woolley conducted the surveys under Endangered Species Permit TE-820658-4. Seven temporary ponded areas were identified within the survey area. Five of the seven temporary ponded areas met the sampling criteria per the *Interim Survey Guidelines to Permittees for Recovery Permits under Section 10(a)(1)(A) of the Endangered Species Act for the Listed Vernal Pool Branchiopods* (USFWS 1996) and were sampled during the 2013/2014 wet season.

Seven fairy shrimp surveys were conducted following the interim survey guidelines, beginning with inundation on December 13, 2013, and terminating on April 8, 2014. Surveys were conducted to determine the presence of both SDFS and RFS on-site.

### **Results**

Dates, survey personnel, and weather conditions at the time of the surveys are found in Table 1. Temporary ponded areas meeting interim survey guidelines for the proposed project are numbered in Table 2. Observations made during the 2013/2014 protocol surveys are summarized in Table 3. Of the seven temporary ponded areas occurring within the VSSP survey area, two were found to contain Lindahl's fairy shrimp (*Branchinecta lindahl*; LFS), three contained no fairy shrimp, and two never ponded long enough to be sampled (Figure 3).

Field survey data are provided in Appendix A. Representative photographs of the site are provided in Appendix B. A summary of fairy shrimp detected during each survey period is provided in Appendix C.

**Table 1**  
**Survey Dates, Personnel, and Weather Conditions**

<b>Survey Number**</b>	<b>Date</b>	<b>Survey Personnel</b>	<b>Time</b>	<b>Weather Conditions</b>
1	12/13/2013	Lance Woolley	1044–1148	Start: 66°F, wind 2 mph, 10% cover End: 69°F, wind 3 mph, 10% cover
2	12/27/2013	Lance Woolley	1210–1312	Start: 79°F, wind 2 mph, 20% cover End: 78°F, wind 3 mph, 20% cover
3	1/10/2014	Lance Woolley	2327–1509	Start: 70°F, wind 1 mph, 20% cover End: 68°F, wind 2 mph, 5% cover
4	1/24/2014	Lance Woolley	1232–1314	Start: 71°F, wind 3 mph, 5% cover End: 70°F, wind 3 mph, 5% cover
5	3/12/2014	Andrew Fisher	1135–1408	Start: 74°F, wind 3 mph, 0% cover End: 76°F, wind 2 mph, 0% cover

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<b>Survey Number**</b>	<b>Date</b>	<b>Survey Personnel</b>	<b>Time</b>	<b>Weather Conditions</b>
6	3/25/2014	Lance Woolley	1015–1141	Start: 55°F, wind 1 mph, 100% cover End: 55°F, wind 0 mph, 100% cover
7	4/8/2014	Lance Woolley	1343-1507	Start: 72°F, wind 1 mph, 10% cover End: 77°F, wind 4 mph, 0% cover

**Table 2**  
**Number of Vernal Pools that Met Interim Survey Guidelines Criteria**

<b>Survey Number</b>	<b>Number of Vernal Pools Sampled</b>
1	2
2	2
3	2
4	0
5	5
6	2
7	0

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**Table 3**  
**Restoration Site Pools with Fairy Shrimp Species Detected**  
**during 2013/2014 Wet Season**

Pool Number	Latitude Longitude	Water Depth in Pool (centimeters)							Estimated Population of Fairy Shrimp Present by Species Identified <sup>1</sup>		Number of Individuals Collected <sup>2</sup>
		Survey 1	Survey 2	Survey 3	Survey 4	Survey 5	Survey 6	Survey 7			
1	33.591900 117.126550	9	5	6	Dry	17	Dry	Dry	0	SDFS	0
									0	LFS	0
									0	RFS	0
2	33.591555 117.120630	25	20	8	Dry	100	10	Dry	0	SDFS	0
									0	LFS	0
									0	RFS	0
3	33.545142 117.118381	Dry	Dry	Dry	Dry	Dry	Dry	Dry	0	SDFS	0
									0	LFS	0
									0	RFS	0
4	33.549283 117.119201	Dry	Dry	Dry	Dry	Dry	Dry	Dry	0	SDFS	0
									0	LFS	0
									0	RFS	0
5	33.590710 117.120238	Dry	Dry	Dry	Dry	9	Dry	Dry	0	SDFS	0
									1,000s	LFS	6
									0	RFS	0
6	3.590588 117.120330	Dry	Dry	Dry	Dry	14	Dry	Dry	0	SDFS	0
									1,000s	LFS	7
									0	RFS	0
7	33.586397 117.118125	Dry	Dry	Dry	Dry	38	10	Dry	0	SDFS	0
									0	LFS	0
									0	RFS	0

<sup>1</sup> zero = no fairy shrimp detected

<sup>2</sup> Number of individuals collected over all sampling dates

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Other sensitive wildlife species detected during fairy shrimp surveys within the VSSP survey area include western spadefoot toad (*Spea hammondi*; California Department of Fish and Wildlife species of special concern) (State of California 2011) tadpoles were observed in temporary ponded area 1. No other sensitive wildlife species were detected.

## Discussion

During the 2013/2014 wet-season surveys, seven temporary ponded areas were identified within the VSSP survey area and met the interim guidelines for fairy shrimp sampling. Rainfall for the 2013/2014 survey season was approximately 4.46 inches, which was 4.05 inches below average. It is possible that below average rainfall conditions affected the ability to detect fairy shrimp species. Overall, the 2013/2014 rainy season permitted five of the seven temporary ponded areas to meet inundation criteria and be sampled at least once.

If you have any comments or questions regarding this letter report, feel free to contact me at (619) 233-1454.

Sincerely,

Samuel Walker

Lance Woolley  
Biologist

Attachments:

- Figure 1 – Regional Map
- Figure 2a –Vicinity Map – North
- Figure 2b – Vicinity Map – South
- Figure 3 – Fairy Shrimp Survey Results Map
- Appendix A – Field Survey Data Table
- Appendix B – VSSP Survey Area Temporary Poned Area Photographs, March 2014
- Appendix C – Summary of Fairy Shrimp Identified per Survey



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**Certification Statement**

Qualified biologists who conducted fairy shrimp surveys for the SCE Valley South 115kV Subtransmission Project certify that the information in this survey report fully and accurately represents the work performed. Signatures of current permitted AECOM biologists (Erin Bergman, Linnea Spears-Lebrun, and Lance Woolley) who conducted the protocol surveys are included below. If you have any questions or require additional information, feel free to contact Lance Woolley at (619) 233-1454.



Lance Woolley  
Biologist



Andrew Fisher  
Biologist

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Carlsbad Fish and Wildlife Office  
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### **Literature Cited**

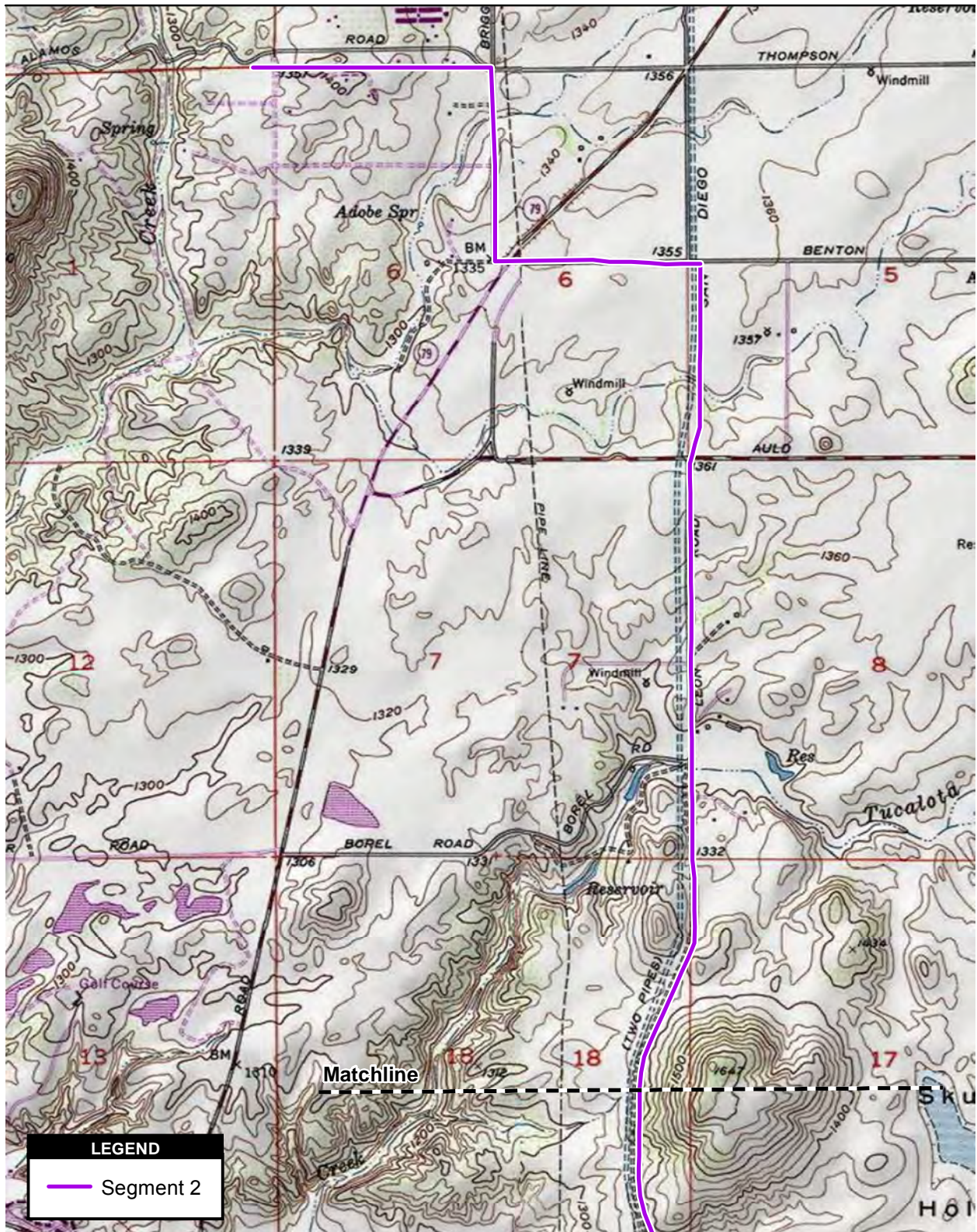
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## FIGURES









Source: ESRI 2014; USGS 7.5' Topographic Quadrangle Murrieta, CA 1980, Bachelor Mountain, CA 1978

**Figure 2a**  
**Vicinity Map - North**

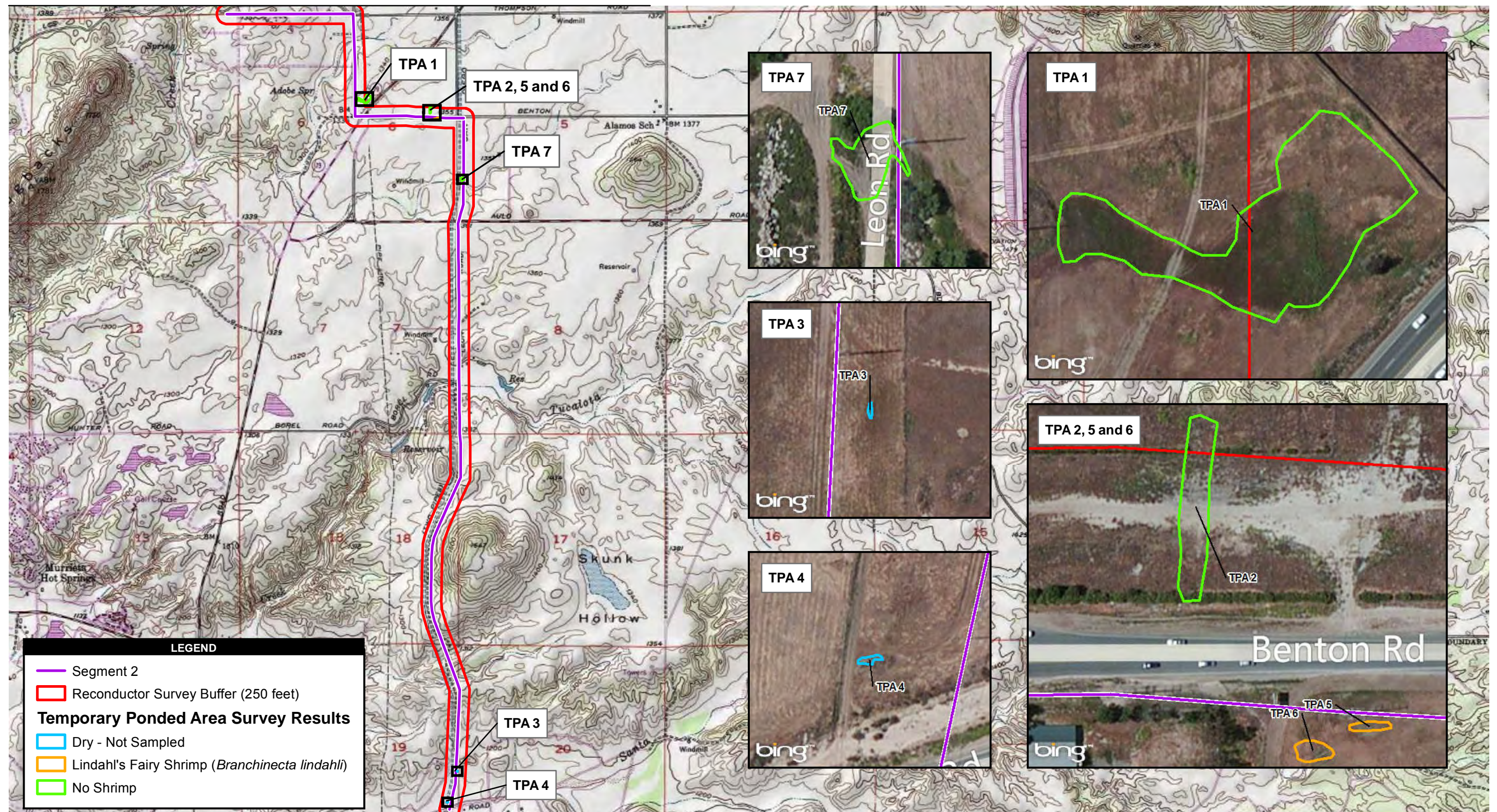




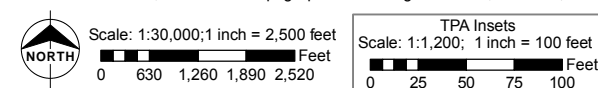
**Figure 2b**  
**Vicinity Map - South**







Source: ESRI 2014; USGS 7.5' Topographic Quadrangle Murrieta, CA 1980, Bachelor Mountain, CA 1978



**Figure 3**  
**Fairy Shrimp Survey Results Map**





**APPENDIX A**

**FIELD SURVEY DATA TABLE**



## Appendix A Field Survey Data Table

Project	Permitted Bio	Survey Number	Date	Pool Number	Pool Status	Water Temperature	Max Depth (cm)	Pool Length (m)	Pool Width (m)	Scientific Name	Common Name	Pop Estimate	Males	Females	Pool Condition
VSSP	Lance Woolley	1	12/13/2013	Temp Area 1	Wet	59	9	8	9	None	None	NA	0	0	2. disturbed; a. tire tracks
VSSP	Lance Woolley	1	12/13/2013	Temp Area 2	Wet	57	25	21	5	None	None	NA	0	0	2. disturbed; a. tire tracks
VSSP	Lance Woolley	1	12/13/2013	Temp Area 3	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	1	12/13/2013	Temp Area 4	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	2	12/27/2013	Temp Area 1	Wet	58	5	8	8	None	None	NA	0	0	2. disturbed; a. tire tracks
VSSP	Lance Woolley	2	12/27/2013	Temp Area 2	Wet	58	20	20	5	None	None	NA	0	0	2. disturbed; a. tire tracks
VSSP	Lance Woolley	2	12/27/2013	Temp Area 3	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	2	12/27/2013	Temp Area 4	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	3	1/10/2014	Temp Area 1	Wet	59	6	5	3	None	None	NA	0	0	2. disturbed; a. tire tracks
VSSP	Lance Woolley	3	1/10/2014	Temp Area 2	Wet	57	8	6	3	None	None	NA	0	0	2. disturbed; a. tire tracks
VSSP	Lance Woolley	3	1/10/2014	Temp Area 3	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	3	1/10/2014	Temp Area 4	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	4	1/24/2014	Temp Area 1	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	4	1/24/2014	Temp Area 2	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	4	1/24/2014	Temp Area 3	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	4	1/24/2014	Temp Area 4	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Andrew Fisher	5	3/12/2014	Temp Area 1	Wet	67	17	14.5	5	None	None	NA	0	0	2. disturbed; a. tire tracks
VSSP	Andrew Fisher	5	3/12/2014	Temp Area 2	Wet	69	100	78	7	None	None	NA	0	0	2. disturbed; b. garbage
VSSP	Andrew Fisher	5	3/12/2014	Temp Area 3	Dry	0	0	0	0	NA	NA	NA	0	0	

Project	Permitted Bio	Survey Number	Date	Pool Number	Pool Status	Water Temperature	Max Depth (cm)	Pool Length (m)	Pool Width (m)	Scientific Name	Common Name	Pop Estimate	Males	Females	Pool Condition
VSSP	Andrew Fisher	5	3/12/2014	Temp Area 4	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Andrew Fisher	5	3/12/2014	Temp Area 5	Wet	71	9	8	4	Branchinecta lindahli	Lindahli's fairy shrimp	1,000's	6	0	2. disturbed; c. discing/plowing
VSSP	Andrew Fisher	5	3/12/2014	Temp Area 6	Wet	69	14	11	10	Branchinecta lindahli	Lindahli's fairy shrimp	1,000's	7	0	2. disturbed; c. discing/plowing
VSSP	Andrew Fisher	5	3/12/2014	Temp Area 7	Wet	63	38	25	22	None	None	NA	0	0	2. disturbed; a. tire tracks; b. garbage
VSSP	Lance Woolley	6	3/25/2014	Temp Area 1	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	6	3/25/2014	Temp Area 5	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	6	3/25/2014	Temp Area 6	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	6	3/25/2014	Temp Area 2	Wet	62	10	20	2.5	None	None	NA	0	0	2. disturbed; a. tire tracks; b. garbage
VSSP	Lance Woolley	6	3/25/2014	Temp Area 7	Wet	62	10	6	5	None	None	NA	0	0	2. disturbed; a. tire tracks
VSSP	Lance Woolley	6	3/25/2014	Temp Area 3	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	6	3/25/2014	Temp Area 4	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	7	4/8/2014	Temp Area 1	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	7	4/8/2014	Temp Area 2	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	7	4/8/2014	Temp Area 3	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	7	4/8/2014	Temp Area 4	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	7	4/8/2014	Temp Area 5	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	7	4/8/2014	Temp Area 6	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	7	4/8/2014	Temp Area 7	Dry	0	0	0	0	NA	NA	NA	0	0	

## **APPENDIX B**

### **VSSP SURVEY AREA TEMPORARY PONDED AREA PHOTOGRAPHS MARCH 2014**





**Appendix B**  
**VSSP Survey Area**  
**Temporary Poned Area Photographs, March 2014**



Photo of temporary ponded area 1, facing north.



Photo of temporary ponded area 2, facing northeast.





Photo of temporary ponded area 3, facing north.



Photo of temporary ponded area 4, facing east.





Photo of temporary ponded area 5, facing east.



Photo of temporary ponded area 6, facing north.



Photo of temporary ponded area 7, facing east.

## **APPENDIX C**

### **SUMMARY OF FAIRY SHRIMP IDENTIFIED PER SURVEY**



**Appendix C**  
**Summary of Fairy Shrimp Identified per Survey**

Pool	Species	1 12/13/2013	2 12/27/2013	3 01/10/2014	4 01/24/2014	5 03/12/2014	6 03/25/2014	7 04/08/2014	TOTAL
1	SDFS	0	0	0	Dry	0	Dry	Dry	0
	LFS	0	0	0		0			0
	RFS	0	0	0		0			0
2	SDFS	0	0	0	Dry	0	0	Dry	0
	LFS	0	0	0		0	0		0
	RFS	0	0	0		0	0		0
3	SDFS	Dry	Dry	Dry	Dry	Dry	Dry	Dry	0
	LFS								0
	RFS								0
4	SDFS	Dry	Dry	Dry	Dry	Dry	Dry	Dry	0
	LFS								0
	RFS								0
5	SDFS	Dry	Dry	Dry	Dry	0	Dry	Dry	0
	LFS					6			6
	RFS					0			0
6	SDFS	Dry	Dry	Dry	Dry	0	Dry	Dry	0
	LFS					7			7
	RFS					0			0
7	SDFS	Dry	Dry	Dry	Dry	0	0	Dry	0
	LFS					0	0		0
	RFS					0	0		0







**APPENDIX A**

**FIELD SURVEY DATA TABLE**



## Appendix A Field Survey Data Table

Project	Permitted Bio	Survey Number	Date	Pool Number	Pool Status	Water Temperature	Max Depth (cm)	Pool Length (m)	Pool Width (m)	Scientific Name	Common Name	Pop Estimate	Males	Females	Pool Condition
VSSP	Lance Woolley	1	12/13/2013	Temp Area 1	Wet	59	9	8	9	None	None	NA	0	0	2. disturbed; a. tire tracks
VSSP	Lance Woolley	1	12/13/2013	Temp Area 2	Wet	57	25	21	5	None	None	NA	0	0	2. disturbed; a. tire tracks
VSSP	Lance Woolley	1	12/13/2013	Temp Area 3	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	1	12/13/2013	Temp Area 4	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	2	12/27/2013	Temp Area 1	Wet	58	5	8	8	None	None	NA	0	0	2. disturbed; a. tire tracks
VSSP	Lance Woolley	2	12/27/2013	Temp Area 2	Wet	58	20	20	5	None	None	NA	0	0	2. disturbed; a. tire tracks
VSSP	Lance Woolley	2	12/27/2013	Temp Area 3	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	2	12/27/2013	Temp Area 4	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	3	1/10/2014	Temp Area 1	Wet	59	6	5	3	None	None	NA	0	0	2. disturbed; a. tire tracks
VSSP	Lance Woolley	3	1/10/2014	Temp Area 2	Wet	57	8	6	3	None	None	NA	0	0	2. disturbed; a. tire tracks
VSSP	Lance Woolley	3	1/10/2014	Temp Area 3	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	3	1/10/2014	Temp Area 4	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	4	1/24/2014	Temp Area 1	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	4	1/24/2014	Temp Area 2	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	4	1/24/2014	Temp Area 3	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	4	1/24/2014	Temp Area 4	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Andrew Fisher	5	3/12/2014	Temp Area 1	Wet	67	17	14.5	5	None	None	NA	0	0	2. disturbed; a. tire tracks
VSSP	Andrew Fisher	5	3/12/2014	Temp Area 2	Wet	69	100	78	7	None	None	NA	0	0	2. disturbed; b. garbage
VSSP	Andrew Fisher	5	3/12/2014	Temp Area 3	Dry	0	0	0	0	NA	NA	NA	0	0	

Project	Permitted Bio	Survey Number	Date	Pool Number	Pool Status	Water Temperature	Max Depth (cm)	Pool Length (m)	Pool Width (m)	Scientific Name	Common Name	Pop Estimate	Males	Females	Pool Condition
VSSP	Andrew Fisher	5	3/12/2014	Temp Area 4	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Andrew Fisher	5	3/12/2014	Temp Area 5	Wet	71	9	8	4	Branchinecta lindahli	Lindahli's fairy shrimp	1,000's	6	0	2. disturbed; c. discing/plowing
VSSP	Andrew Fisher	5	3/12/2014	Temp Area 6	Wet	69	14	11	10	Branchinecta lindahli	Lindahli's fairy shrimp	1,000's	7	0	2. disturbed; c. discing/plowing
VSSP	Andrew Fisher	5	3/12/2014	Temp Area 7	Wet	63	38	25	22	None	None	NA	0	0	2. disturbed; a. tire tracks; b. garbage
VSSP	Lance Woolley	6	3/25/2014	Temp Area 1	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	6	3/25/2014	Temp Area 5	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	6	3/25/2014	Temp Area 6	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	6	3/25/2014	Temp Area 2	Wet	62	10	20	2.5	None	None	NA	0	0	2. disturbed; a. tire tracks; b. garbage
VSSP	Lance Woolley	6	3/25/2014	Temp Area 7	Wet	62	10	6	5	None	None	NA	0	0	2. disturbed; a. tire tracks
VSSP	Lance Woolley	6	3/25/2014	Temp Area 3	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	6	3/25/2014	Temp Area 4	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	7	4/8/2014	Temp Area 1	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	7	4/8/2014	Temp Area 2	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	7	4/8/2014	Temp Area 3	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	7	4/8/2014	Temp Area 4	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	7	4/8/2014	Temp Area 5	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	7	4/8/2014	Temp Area 6	Dry	0	0	0	0	NA	NA	NA	0	0	
VSSP	Lance Woolley	7	4/8/2014	Temp Area 7	Dry	0	0	0	0	NA	NA	NA	0	0	

## **APPENDIX B**

### **VSSP SURVEY AREA TEMPORARY PONDED AREA PHOTOGRAPHS MARCH 2014**



**Appendix B**  
**VSSP Survey Area**  
**Temporary Poned Area Photographs, March 2014**



Photo of temporary ponded area 1, facing north.



Photo of temporary ponded area 2, facing northeast.





Photo of temporary ponded area 3, facing north.



Photo of temporary ponded area 4, facing east.





Photo of temporary ponded area 5, facing east.



Photo of temporary ponded area 6, facing north.



Photo of temporary ponded area 7, facing east.

## **APPENDIX C**

### **SUMMARY OF FAIRY SHRIMP IDENTIFIED PER SURVEY**



**Appendix C**  
**Summary of Fairy Shrimp Identified per Survey**

Pool	Species	1 12/13/2013	2 12/27/2013	3 01/10/2014	4 01/24/2014	5 03/12/2014	6 03/25/2014	7 04/08/2014	TOTAL
1	SDFS	0	0	0	Dry	0	Dry	Dry	0
	LFS	0	0	0		0			0
	RFS	0	0	0		0			0
2	SDFS	0	0	0	Dry	0	0	Dry	0
	LFS	0	0	0		0	0		0
	RFS	0	0	0		0	0		0
3	SDFS	Dry	Dry	Dry	Dry	Dry	Dry	Dry	0
	LFS								0
	RFS								0
4	SDFS	Dry	Dry	Dry	Dry	Dry	Dry	Dry	0
	LFS								0
	RFS								0
5	SDFS	Dry	Dry	Dry	Dry	0	Dry	Dry	0
	LFS					6			6
	RFS					0			0
6	SDFS	Dry	Dry	Dry	Dry	0	Dry	Dry	0
	LFS					7			7
	RFS					0			0
7	SDFS	Dry	Dry	Dry	Dry	0	0	Dry	0
	LFS					0	0		0
	RFS					0	0		0



## **APPENDIX I**

### **2014 DRY SEASON FAIRY SHRIMP SURVEY REPORT**





July 17, 2014/Version 2

Ms. Stacey Love  
Recovery Permit Coordinator  
Carlsbad Fish and Wildlife Office  
6010 Hidden Valley Road, Suite 101  
Carlsbad, California 92011

**RE: Dry Season Fairy Shrimp Cyst Hatching Results for Listed Branchiopod Species within the Southern California Edison Company's (SCE) Valley South 115 kV Subtransmission Project Survey Area, Riverside County, California**

Dear Ms. Love:

In compliance with the Special Terms and Conditions for Endangered and Threatened Wildlife Species Permit TE-820658-4, AECOM biologists conducted a dry season survey on May 28, 2014, to determine the presence or absence of the federally endangered San Diego fairy shrimp (*Branchinecta sandiegonensis*), Riverside fairy shrimp (*Streptocephalus woottoni*; RFS), and the federally threatened vernal pool fairy shrimp (*B. lynchi*) for Segment 2 of SCE's Valley South 115kV Subtransmission Project, Riverside County, California (Figures 1 and 2).

Focused protocol wet season fairy shrimp surveys were conducted within Segment 2 of the Proposed and Alternative Project from December 13, 2013, through April 8, 2014. Complete details of the survey are located in the *2013/2014 90-Day Report of Protocol Wet-Season Fairy Shrimp Surveys for Listed Branchiopod Species within the Southern California Edison Company's (SCE) Valley South 115 kV Subtransmission Project (VSSP) Survey Area, Riverside County, California* (AECOM, 2014).

### **Project Description**

The Valley South Subtransmission Project consists of two Segments that are approximately 15.4 miles in total length, located within unincorporated Riverside County and the cities of Menifee, Murrieta, and Temecula. An analysis of biological resources for Segment 1 of the Proposed Project and Alternative Project was conducted previously; this report focuses on surveys conducted for Segment 2.

Project activities associated with Segment 2 involves reconductoring a section of the existing Valley-Auld-Triton 115 kV Subtransmission Line. Segment 2 would cross through unincorporated Riverside County and the City of Temecula and through a variety of habitat types, including heavily cultivated fields, horticultural landscapes adjacent to residential tracts, rural yards, otherwise historically disturbed lands, stands of heavily to partly disturbed

Ms. Stacey Love  
Carlsbad Fish and Wildlife Office  
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sage scrub vegetation, and the narrow sandy wash at Santa Gertrudis Creek immediately north of Nicolas Road. Segment 2 is divided into the Proposed and Alternative Project.

Segment 2 of the Proposed Project begins at the tubular steel pole (TSP) located at the southeast corner of Leon Road and Benton Road and continues southerly to the existing Terminal TSP located on the south side of Nicolas Road, for a total of 3.4 miles.

Segment 2 of the Alternative Project would begin at an existing TSP located east of Auld 115/12 kV Substation and would parallel Los Alamos Road for approximately 0.5 of a mile until it reaches Briggs Road where it would turn south for approximately 0.5 of a mile. It would then span State Route 79 in an easterly direction and parallel Benton Road before merging with Segment 2 of the Proposed Project. At this location, Segment 2 of the Alternative Project would follow the same 3.4 mile route as Segment 2 of the Proposed Project, for a total of 5 miles. To avoid repeating impacts along the shared 3.4 mile portion of Segment 2, the discussion specific to Segment 2 of the Alternative Project would focus on the unique 1.6-mile portion from Auld Substation to the intersection of Leon Road and Benton Road.

## **Methodology**

AECOM biologist Lance Woolley conducted the dry season soil collection on May 28, 2014, in accordance with guidelines from the *Interim Survey Guidelines to Permittees for Recovery Permits under the Endangered Species Act for the Listed Vernal Pool Branchiopods* (USFWS, 1996). Three temporary ponded areas (TPA 3, TPA 4, and TPA 7) previously identified within Segment 2 of the Proposed Project were dry season sampled. The same TPAs surveyed for the wet season in 2013/2014 were dry season sampled. Approximately 1 liter of dry soil was collected from the three TPAs and sent to D. Christopher Rogers with University of Kansas to conduct cyst hatching.

Four TPAs (TPA1, TPA 2, TPA 5, and TPA 6) previously identified within Segment 2 of the Alternative Project were dry season sampled (Figure 3). The general methods described above for Segment 2 of the Proposed Project also were used in the dry season sampling for Segment 2 of the Alternative Project.

## **Laboratory Analysis**

All laboratory analysis was conducted by D. Christopher Rogers at the University of Kansas and complete details of the methods used in the laboratory analysis are located in Appendix A. Soil samples were prepared for examination in the laboratory by dissolving the clumps of soil in distilled water. Adult shrimp were reared to maturity from the recovered eggs using methods following U.S. Environmental Protection Agency (1985), Belk et al. (1990), Maeda-Martinez et al. (1995a, 1995b), and Jawahar and Dumont (1995). Hatched shrimp were fed a standard *Daphnia* food that includes fish food, fish oil, baker's yeast, and the alga

Ms. Stacey Love  
Carlsbad Fish and Wildlife Office  
July 17, 2014  
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*Selenastrum capricornutum*. Adult *Branchinecta* reared from the culture were killed in 90% ethyl alcohol and examined under a stereo dissection microscope.

The general methods described above for Segment 2 of the Proposed Project also were used in the laboratory analysis for Segment 2 of the Alternative Project.

## **Results**

### Segment 2 of the Proposed Project

No fairy shrimp eggs were isolated from the dry season soil samples of TPA 3, TPA 4, or TPA 7 (Figure 3; Rogers, 2014).

### Segment 2 of the Alternative Project

No federally listed fairy shrimp eggs were isolated from the dry season soil samples. Fairy shrimp eggs belonging to the genus *Branchinecta* were recovered and cultured from TPA 5 and TPA 6 (Figure 3; Rogers, 2014). The adult fairy shrimp were identified as the nonlisted Lindahl's fairy shrimp (*Branchinecta lindahli*). No fairy shrimp eggs were isolated from TPA 1 or TPA 2 (Rogers, 2014).

A wet season survey of these seven temporary ponded areas was conducted in 2013/2014, and a dry season survey was conducted in 2014; therefore, according to the USFWS 1996 guidelines, a complete protocol fairy shrimp survey has been conducted for these seven temporary ponded areas.

Please call me at (619) 233-1454, extension 6820 if you have any questions or comments.



Lance Woolley  
Biologist

Attachments:    Figure 1 – Regional Map  
                      Figure 2 – Vicinity Map  
                      Figure 3 – Dry Season Fairy Shrimp Results Map  
                      Appendix A – University of Kansas Results Report

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**Certification Statement**

"I certify that the information in this survey report and attached exhibits fully and accurately represents my work."

A handwritten signature in black ink, appearing to read "Lance Woolley", with a stylized flourish at the end.

Lance Woolley  
Biologist

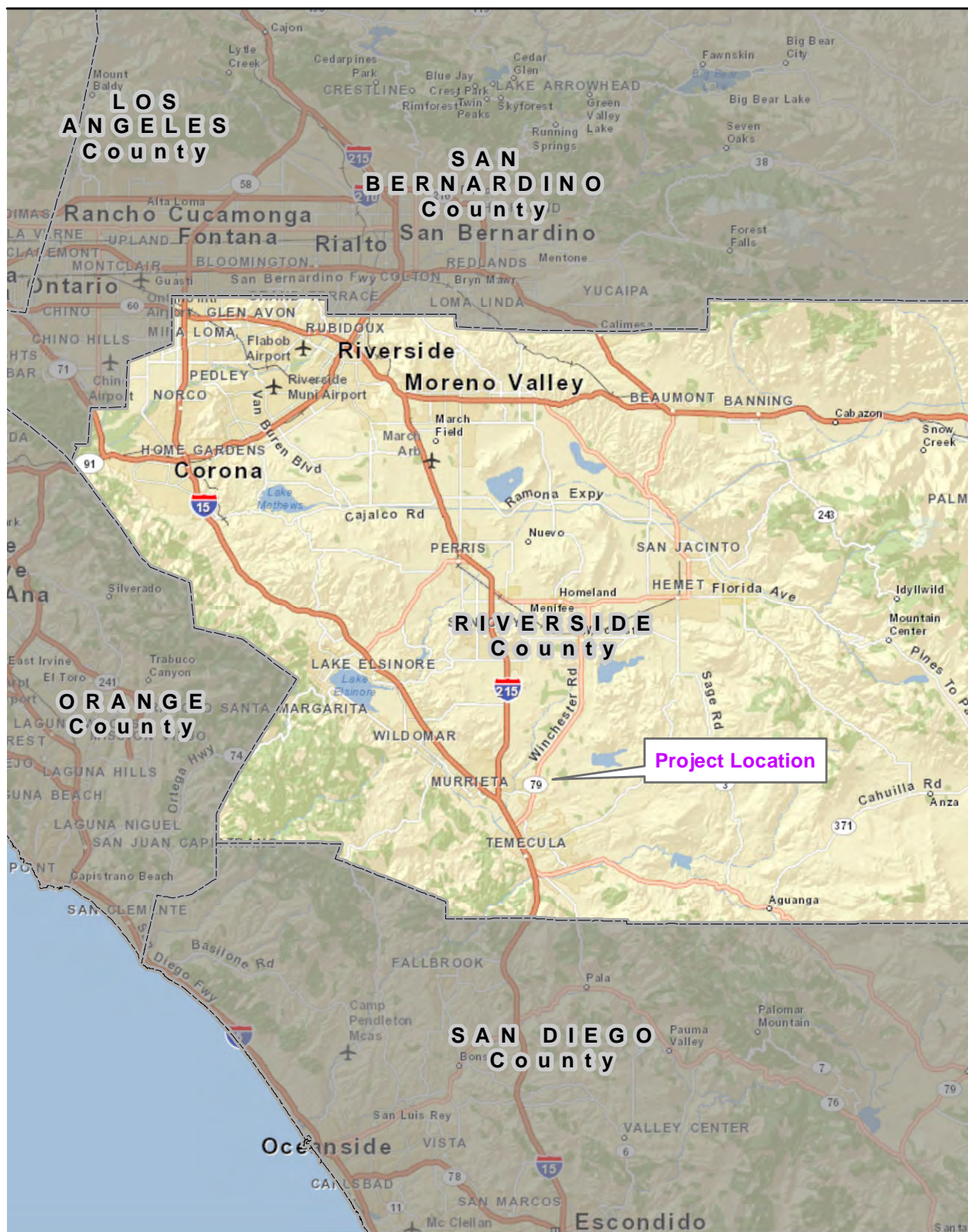
Ms. Stacey Love  
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### **Literature Cited**

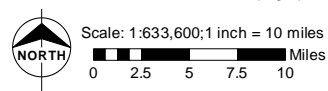
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- Belk, D., G. Anderson, and S-Y. Hsu. 1990. Additional Observations on Variations in Egg Size among Populations of *Streptocephalus sealii* (Anostraca). *Journal of Crustacean Biology* 10:128—133.
- Jawahar, A., and H. J. Dumont. 1995. Larviculture of the Fairy Shrimp, *Streptocephalus probocideus* (Crustacea: Anostraca): Effect of Food Concentration and Physical and Chemical Properties of the Culture Medium. *Hydrobiologia* 298:159–165.
- Maeda-Martinez, A. M., H. Obregón-Barboza, and H. J. Dumont. 1995a. *Food-Dependent Color Patterns in Thamnocephalus platyurus* Packard (Branchiopoda: Anostraca); a Laboratory Study. *Hydrobiologia* 298:133–139.
- Maeda-Martinez, A. M., H. Obregón-Barboza, and H. J. Dumont. 1995b. Laboratory Culture of Fairy Shrimps Using Baker's Yeast as Basic Food in a Flow-Through System. *Hydrobiologia* 298:141–157.
- Rogers, Christopher D. 2014. University of Kansas. *Results of Analyses of Soil Samples Collected from the Proposed Southern California Edison Company's (SCE) Valley South 115 kV Subtransmission Project (VSSP) Survey Area, Riverside County, California*. July.
- U.S. Environmental Protection Agency. 1985. *Methods for Measuring the Acute Toxicity of Effluents to Freshwater and Marine Organisms*. EPA/600/4-85/013/. Environmental Research Laboratory, Duluth, MN. 216 pp.
- U.S. Fish and Wildlife Service (USFWS). 1996. *Interim Survey Guidelines to Permittees for Recovery Permits under the Endangered Species Act for the Listed Vernal Pool Branchiopods*. Sacramento, CA.

## FIGURES



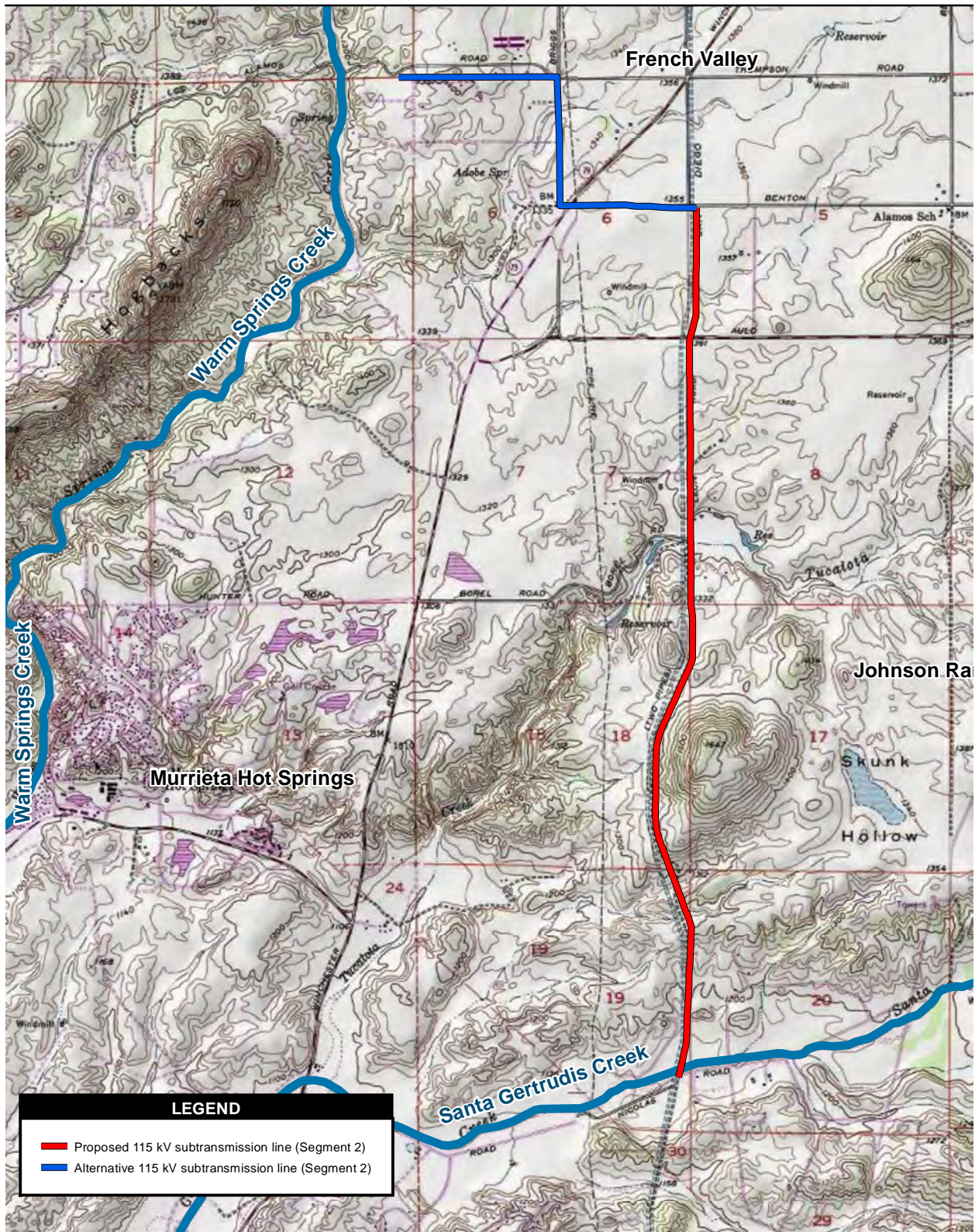


Source: ESRI 2014; USGS 7.5' Topographic Quadrangle Murrieta, CA 1980, Bachelor Mountain, CA 1978



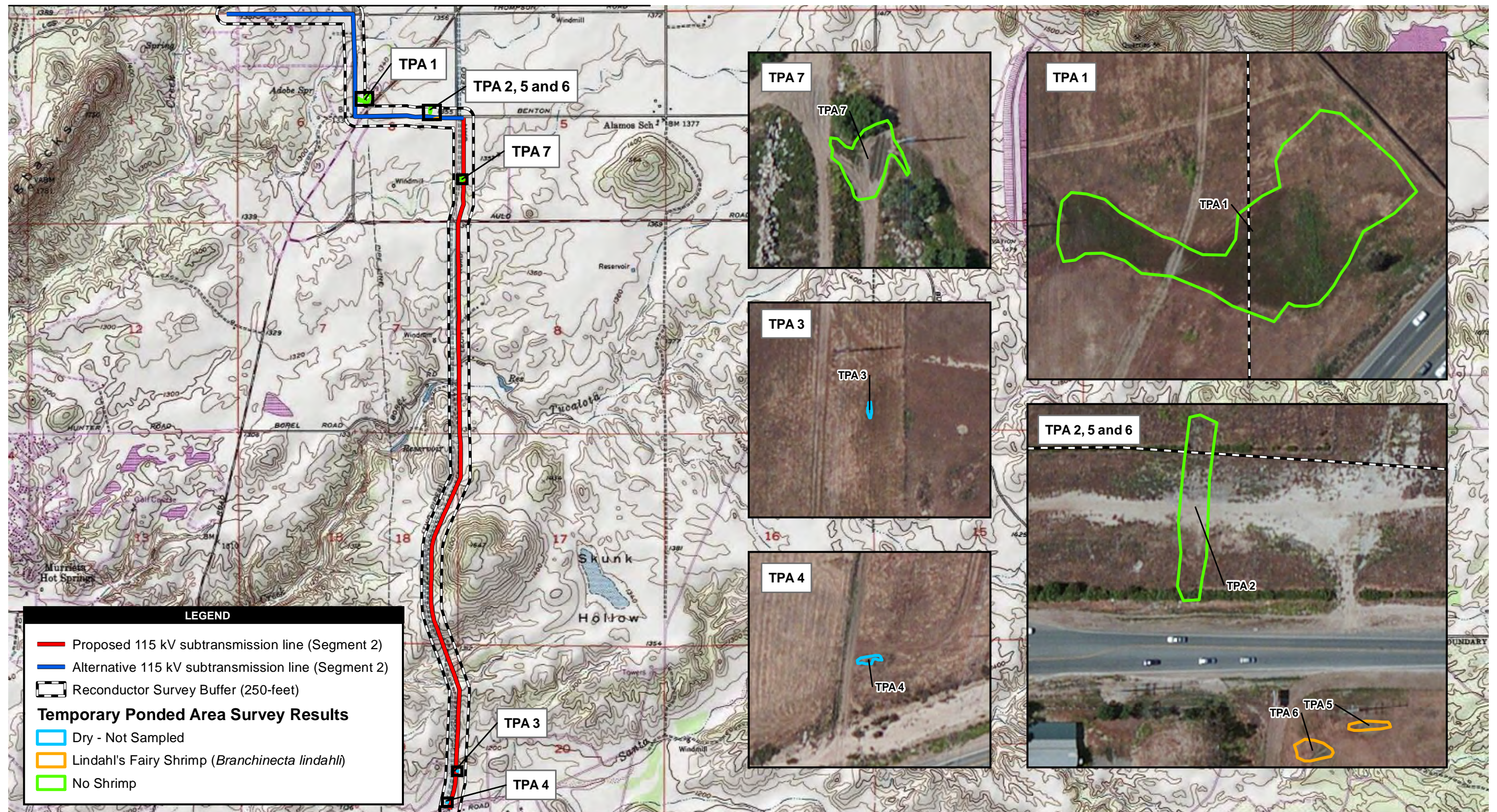
**Figure 1**  
**Regional Map**



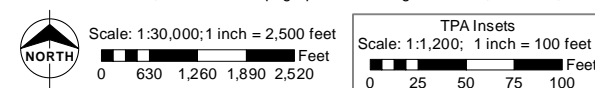


**Figure 2**  
**Vicinity Map**





Source: ESRI 2014; USGS 7.5' Topographic Quadrangle Murrieta, CA 1980, Bachelor Mountain, CA 1978



**Figure 3**  
**Fairy Shrimp Survey Results Map**

Valley South 115kV Subtransmission Project Dry Season Fairy Shrimp Report

Path: P:\2012\60247921\06GIS\6.3\_Layout\VP\_Figures\Figure3\_Survey\_Results.mxd, 7/8/2014, WoolleyL



## **APPENDIX A**

### **UNIVERSITY OF KANSAS RESULTS REPORT**

# The University of Kansas

Kansas Biological Survey

30 June 2014

Barbra Calantas  
AECOM, Inc.  
1420 Kettner Boulevard, Suite 500  
San Diego, California 92101

cc: Kyle Petersen, The Sanberg Group, Inc.

**SUBJECT: Results of Dry Season Fairy Shrimp Analyses of Soil Samples Collected from the proposed Southern California Edison Company's (SCE) Valley South 115 kV Subtransmission Project (VSSP) Survey Area, Riverside County, California.**

Dear Ms. Calantas,

AECOM biologists conducted a dry season survey of potential special status fairy shrimp habitats on May 02, 2014 within the proposed Southern California Edison Company's (SCE) Valley South 115 kV Subtransmission Project (VSSP) Survey Area, Riverside County, California. Soil samples were collected from seven previously identified habitats judged to be suitable for special status fairy shrimp species. No special status fairy shrimp eggs were collected or cultured from the soil samples analyzed.

Kansas Biological Survey understands that AECOM will submit this report and all other pertinent materials and information to the US Fish and Wildlife Service (USFWS), and the California Department of Fish and Wildlife (DFW), as required by the USFWS guidelines for a protocol level survey.

## Definitions

For the purpose of this report, special status fairy shrimp are defined to include shrimp species listed as threatened or endangered under the federal Endangered Species Act (ESA) (50 CFR 17.11 for listed animals and various Federal Register notices for proposed species). Three special status fairy shrimp species (*Branchinecta lynchi*, *B. sandiegonensis* and *Streptocephalus woottoni*) have the potential to occur at the proposed project site. In addition, four nonlisted fairy shrimp species (*Branchinecta lindahli*, *B. mackini*, *Linderiella santarosae* and *Artemia franciscana*) are known from the proposed project vicinity.

# The University of Kansas

## Methods

AECOM collected dry soil samples from seven potential special status fairy shrimp habitats (numbered sequentially from 1 to 7) at the proposed project site 28 May 2014. Each soil sample was placed in a plastic zip-lock bag, labeled with the locality number, and submitted to the Kansas Biological Survey laboratory for analysis. All potential habitats sampled were identified according to the numbers assigned to them in the field, and recorded on a base map.

### *Laboratory Analysis*

Soil samples were prepared for examination in the laboratory by dissolving the clumps of soil in water and sieving the material through 300- and 150-  $\mu\text{m}$  pore size screens. The small size of these screens ensures that the eggs from the shrimp species will be retained. The portion of each sample retained in the screens was dissolved in a brine solution to separate the organic material from the inorganic material. The organic fraction was then examined under a microscope.

Isolated eggs from each sample were cultured separately. Adult fairy shrimp were reared from the recovered eggs using methods following U.S. Environmental Protection Agency (1985), Belk, et al. (1990), Maeda-Martinez, et al., (1995a and 1995b), and Jawahar & Dumont (1995). All dry eggs were removed from the filtered debris left over from the soil sieving. These undamaged eggs were placed in a hatching chamber. A combination of de-chlorinated tap water and de-ionized water with an ultimate conductivity of 30  $\mu\text{S}$  (microsiemens) was added to the chamber, which was then incubated at 9-12 °C, 14-17°C, 9-22°C and 23-27°C.

Nauplii (newly hatched fairy shrimp) were transferred to 2.5-liter culture chambers. Nauplii were fed a standard *Daphnia* food that includes; fish food, fish oil, baker's yeast, and the alga *Selenastrum capricornutum*. The nauplii were then reared to maturity. Adult fairy shrimp reared from culture were killed in 90% ethyl alcohol, and examined under a stereo dissection microscope. Identifications were made based upon comparisons with specimens in our collections, the original species descriptions and professional experience.

## Results

No special status shrimp eggs were recovered from the soil samples. Anostracan eggs belonging to the genus *Branchinecta* were recovered and cultured from features 5 and 6. The adult animals were identified as the nonlisted *Branchinecta lindahli*.

These analyses are insufficient by themselves to determine that special status fairy shrimp are absent from the other habitat on this site. The results of this survey must be combined with a protocol wet season survey, and concurrence must be sought from the USFWS before any additional determinations can be made.

# The University of Kansas

If you have any questions please call me.

Sincerely,



D. Christopher Rogers  
785.864.1714  
Crustacean Taxonomist and Ecologist  
Kansas Biological Survey and The Biodiversity Institute  
Kansas University, Higuchi Hall  
2101 Constant Avenue, Lawrence, KS 66047-3759 USA

## Literature Cited

Belk, D., G. Anderson & S-Y. Hsu. 1990. Additional observations on variations in egg size among populations of *Streptocephalus sealii* (Anostraca). *Journal of Crustacean Biology* 10: 128-133.

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## **APPENDIX A**

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## **APPENDIX J**

### **2014 WESTERN BURROWING OWL SURVEY REPORT**



# *The Sanberg Group, Inc.*

Environmental Compliance & Restoration Services  
SDB / SDVOSB / DVBE / WBE / DBE / SBE / ISO 9001



July 21, 2014 – Version 2

Rey Gonzales  
Southern California Edison  
1218 S. Fifth Avenue  
Monrovia, California 91016

**RE: 2014 Western Burrowing Owl Final Report for the Valley South 115 kV  
Subtransmission Project**

Dear Mr. Gonzales:

AECOM and The Sanberg Group, Inc. (Sanberg), submit this letter report to summarize the results of focused surveys conducted in 2014 for the California Department of Fish and Wildlife's (CDFW; formerly California Department of Fish and Game [CDFG]) "species of special concern" western burrowing owl (BUOW; *Athene cunicularia hypugaea*). Focused surveys were conducted for the proposed Valley South 115 kilovolt (kV) Subtransmission Project (Proposed Project) in Riverside County, California for Southern California Edison (SCE). These surveys complied with all guiding principles in the CDFG protocol for 2012, Staff Report on Burrowing Owl Mitigation (CDFG, 2012) and the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) protocol (CDFG, 2006).

## **Project Location**

The project location is approximately 38 miles southeast of downtown Riverside, California, and 8 miles northeast of Temecula, California (Figure 1). SCE is proposing to construct the Proposed Project to meet the projected demand for electricity and to maintain electric system reliability in portions of southern Riverside County, including the cities of Murrieta, Menifee, Temecula, and Wildomar, and the surrounding unincorporated communities within the county. Regional and vicinity maps of the project site are presented in Figures 1 and 2.

## **Project Description**

The Valley South Subtransmission Project consists of two Segments that are approximately 15.4 miles in total length, located within unincorporated Riverside County and the cities of Menifee, Murrieta, and Temecula. An analysis of biological resources for Segment 1 of the Proposed Project and Alternative Project was conducted previously; this report focuses on surveys conducted for Segment 2.

Project activities associated with Segment 2 involves reconductoring a section of the existing Valley-Auld-Triton 115 kV Subtransmission Line. Segment 2 would cross through unincorporated Riverside County and the City of Temecula and through a variety of habitat types, including heavily cultivated fields, horticultural landscapes adjacent to residential



tracts, rural yards, otherwise historically disturbed lands, stands of heavily to partly disturbed sage scrub vegetation, and the narrow sandy wash at Santa Gertrudis Creek immediately north of Nicolas Road. Segment 2 is divided into the Proposed and Alternative Project.

Segment 2 of the Proposed Project begins at the tubular steel pole (TSP) located at the southeast corner of Leon Road and Benton Road and continues southerly to the existing Terminal TSP located on the south side of Nicolas Road, for a total of 3.4 miles.

Segment 2 of the Alternative Project would begin at an existing TSP located east of Auld 115/12 kV Substation and would parallel Los Alamos Road for approximately 0.5 of a mile until it reaches Briggs Road where it would turn south for approximately 0.5 of a mile. It would then span State Route 79 in an easterly direction and parallel Benton Road before merging with Segment 2 of the Proposed Project. At this location, Segment 2 of the Alternative Project would follow the same 3.4 mile route as Segment 2 of the Proposed Project, for a total of 5 miles. To avoid repeating impacts along the shared 3.4 mile portion of Segment 2, the discussion specific to Segment 2 of the Alternative Project would focus on the unique 1.6-mile portion from Auld Substation to the intersection of Leon Road and Benton Road.

A discussion of results of surveys will be discussed for Segment 2 in reference to the Proposed Project and Segment 2 of the Alternative Project throughout this report.

### **Site Description**

Segment 2 of the Proposed Project and Segment 2 of the Alternative Project are surrounded by existing roadways, residences, a school, and other properties that have been zoned as commercial and light industrial. These segments, hereafter referred to as the biological survey area (BSA) is characterized by predominantly rural landscape with low-density human habitation, extensive agriculture, localized dense suburban development, and areas of undeveloped native vegetation. The BSA includes approximately 284.6 acres, of which 207.3 acres is labeled as "suitable" and 77.3 acres is designated as "disked-field". Segment 2 of the Proposed Project includes approximately 137.8 acres of "suitable" habitat and 47.6 acres of "disked-field" habitat. Segment 2 of the Alternative Project includes approximately 69.5 acres of "suitable" habitat and 29.7 acres of "disked-field" habitat. A map showing the BSA, including a 500-foot radius buffer (1,000-foot total width), is provided in Figure 3.

### **Western Burrowing Owl Background Information**

#### **Regulatory Status**

The BUOW is protected under the Migratory Bird Treaty Act (MBTA) of 1918 (16 United States Code 703–712). The MBTA makes it unlawful to "take," as defined by the act, this species, its eggs, or its nests. Sections 3505, 3503.5, and 3800 of the California Fish and Game Code prohibit the take or destruction of the bird, its nests, or eggs. The BUOW is also a California species of special concern (CDFW, 2013) because its population has suffered precipitous declines due to habitat loss, degradation and modification, and loss of suitable burrows (CDFG, 2012). As such, the California Environmental Quality Act requires

mandatory findings of significance (i.e., significant or not significant) if impacts are likely to occur to this species. It is a CDFW designated species of special concern in California.

### **Habitat Status**

Suitable BUOW habitat consists of annual and perennial grasslands, deserts, agricultural areas, disturbed habitat, and scrublands characterized by low-growing vegetation (CBOC, 1993; Zarn, 1974). Suitable BUOW habitat may also include trees and shrubs if the canopy covers less than 30% of the ground surface (DeSante et al., 1996). Unsuitable BUOW habitat includes heavy human disturbance (development, construction), surface water, and dense brush or grass providing complete canopy closure (CDFG, 2006). Burrows are an essential component of BUOW habitat, and both natural and artificial burrows provide protection, shelter, and nests. BUOW often use burrows made by mammals such as California ground squirrels, (*Spermophilus beecheyi*), in southern California, but may also use human-made structures such as cement culverts; riprap; cement, asphalt, or wood debris piles; or openings beneath cement or asphalt pavement. BUOW may use a particular site for migratory stopovers, or for breeding and foraging year-round. Suitable habitat is considered occupied if there is an observation of at least one BUOW occupying a burrow within the last 3 years, or BUOW sign around a burrow such as molted feathers, cast pellets, prey remains, eggshell fragments, or feces (CDFG, 2012). BUOW tend to exhibit high site fidelity, reusing the same site year after year (Feeney, 1992; Rich, 1984).

### **Population Status**

The BUOW is found sparsely distributed in southern California, including Riverside County (DeSante, et al. 1997; Klute, et al. 2003; Lincer and Bloom, 2007). The vast majority of the California breeding population of BUOW occurs in the Central and Imperial valleys, primarily in agricultural areas, often associated with canals and drainages (and their berms). Small, scattered populations also occur in the Mojave Desert. Population density seems to be correlated with prey availability, particularly small mammals (Klute et al., 2003). Breeding season in California takes place usually from February 1 through August 31 but varies by climatic conditions and latitude. The peak of the breeding season occurs April 15 through July 15, when nests are most active and occupied by eggs or young (CDFG, 2012). BUOW may change burrows many times during the breeding season after nestlings reach 3 weeks old. This can depend on predation or disturbance.

BUOW have disappeared or declined in several southern California counties and in coastal areas, including Riverside County (DeSante et al., 1997; Klute et al., 2003; Lincer and Bloom, 2007). This trend is not, however, limited to California; in 1992, 16 (67%) of 24 states and provinces polled reported BUOW population declines and no states reported an increase (James and Espie, 1997).

### **Survey Methodology**

The same methodology was conducted for the Proposed Project and Alternative Project. An initial habitat assessment of the entire BSA was conducted by AECOM biologists during previous sensitive species surveys in 2013. As a follow-up, the 2014 habitat assessment surveys were performed to confirm current habitat suitability. Suitable BUOW habitat

included both native and nonnative/disturbed habitats. CDFG (2012) and MSHCP (CDFG, 2006) protocols require that the BSA incorporate the 500-foot buffer zone when surveying for the presence/absence of BUOW and to adequately consider indirect impacts to nesting birds.

Survey methods were conducted by combining the methodologies provided by the CDFG's Staff Report on Burrowing Owl Mitigation (CDFG, 2012) and the survey methods provided by the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) Biological Monitoring Program surveying protocol for the Burrowing Owl (*Athene cunicularia*) in Western Riverside County, California, (CDFG, 2006).

CDFW (2012) protocol requires that the project footprint and a 500-foot (150-meter) buffer surrounding the project footprint be surveyed for the presence/absence of BUOW. The BSA is composed of the Segment 2 footprint and surrounding 500-foot (150-meter) buffer (Figure 2). The entire BSA was surveyed to assess suitable burrowing owl habitat that may be directly or indirectly affected by project activities.

The MSHCP protocol has a strict requirement that BUOW surveys occur throughout a "designated survey area" (see Chapter 6, page 6-65 of the MSHCP). Due to restricted access, Sanberg and AECOM did not conduct pedestrian or visual (binocular) surveys on the sensitive land owner parcels (Figure 3); this includes the area within SCE's easements.

Surveys were conducted within the BSA by walking through all suitable habitats using 100% visual coverage, focusing on visual signs of burrowing owl (burrows, pellets, white wash, etc.). Distance between transects was no greater than 65 feet (20 meters) during each survey. While walking transects, the biologists would continuously scan the BSA to detect owls. If owls were detected, biologists would observe the owls from a distance of at least 165 feet (50 meters) so that burrowing owls were not disturbed. The number and age of individuals were recorded for any observed BUOW. At each suitable burrow, presence of BUOW sign (e.g., pellets, prey remains, whitewash, decorations, tracks) and number of BUOW present at that burrow were recorded for each survey visit. If necessary, a burrow was recorded and it was revisited on follow-up surveys during which biologists also continued to survey for any new burrows. BUOW surveys were conducted to determine the presence or absence, abundance, and breeding status of the species within suitable habitat within the BSA.

A summary of BUOW survey methodology conducted within the BSA is provided as follows (CDFG, 2012):

- BUOW surveys were conducted within the survey corridor and included a 500-foot buffer on each side (i.e., 1,000-foot wide corridor)
- Total projected BUOW survey acreage was approximately 382 acres; however, due to site access restrictions, actual BUOW survey acreage was approximately 284.6 acres
- Breeding season surveys were conducted during spring 2014. Surveys consisted of four survey visits. Three survey visits, at least 2 weeks apart, were conducted between April 15 and July 15 with at least one visit after June 15
- Surveys consisted of walking line transects spaced no greater than 65 feet apart within

suitable habitat. Surveys were conducted from civil twilight until 10:00 a.m., and 2 hours prior to sunset until evening civil twilight

- No surveys occurred when winds were greater than 20 miles per hour (mph), or when there was precipitation or dense fog

BUOW are more detectable during the breeding season with detection probabilities highest during the nestling stage (Conway et al., 2008).

Per CDFG 2012 requirements, where suitable BUOW habitat existed, BUOW breeding season surveys consisted of four survey visits based on the following timing:

- One site visit is to occur between February 15 and April 15; and a minimum of three visits, at least three weeks apart, are to be conducted between April 15 and July 15 with at least one visit after June 15

The timing of surveys was conducted in accordance with the CDFG, 2012 survey timing to the extent feasible. Due contract approval timing, no surveys occurred between February 15 and April 15. Instead, all four visits were conducted between April 15 and July 15 with at least one visit after June 15. All surveys were conducted according to CDFG (2012) and MSHCP (CDFG, 2006) guidelines and all surveys were at least 2 weeks apart. To ensure the greatest detection probability, surveys were conducted at times known for high BUOW activity: dawn to early morning, and evening to dusk. Biologists timed surveys to coincide with the BUOW laying and incubation period, nesting period, and the late nestling period when owls are most present above ground. During the survey/sweep, skies were clear, temperatures ranged between 78 to 97 degrees Fahrenheit, and afternoon wind speeds did not exceed 20 mph.

Surveys were conducted by walking through all suitable habitats within the BSA using 100 percent visual coverage, focusing on visual signs of BUOW (burrows, pellets, white wash, etc.). Variable-radius point counts were conducted at designated locations within all areas identified as suitable habitat. Distance between transects was no greater than 65 feet during each survey. While walking transects, the biologists would continuously scan the BSA to detect owls and sign. At each suitable burrow, presence of BUOW sign (e.g., pellets, prey remains, whitewash, decorations, tracks) and number of BUOW present at that burrow were recorded during each survey visit. After a burrow was recorded, it was revisited on all follow-up surveys; biologists surveyed for new burrows during each survey.

During each visit, the “survey status” of a burrow for the given survey period was classified as follows:

- Occupied – a BUOW individual was observed to be present at the burrow
- Active – a BUOW burrow with fresh BUOW sign but no BUOW individual was present
- Potentially Suitable – suitable for BUOW but no BUOW individuals or sign was observed

- No longer suitable / Destroyed – previously suitable burrow that was no longer suitable due to erosion, a natural burrow collapse, or inadvertent damage from anthropogenic activities.

Detailed field notes were taken during each survey visit, including the date, locations surveyed, weather conditions, plant and animal species observed, and general habitat characteristics of each area examined. The breeding season survey dates, survey personnel, times, weather data, and observations are presented in Table 1.

**Table 1**  
**Survey Dates, Personnel, and Weather Conditions**

Survey Number	Date	Survey Personnel	Time	Weather Conditions
1	4/28/2014	Marija Minic	0600–1000	Start: 55°F, wind 2 mph, 5% cover End: 71°F, wind 2 mph, 5% cover
1	4/28/2014	Marija Minic	1730–1930	Start: 81°F, wind 2 mph, 5% cover End: 63°F, wind 2 mph, 4% cover
1	4/29/2014	Marija Minic, Jon Lucas	0600–1000	Start: 57°F, wind 1 mph, 2% cover End: 78°F, wind 3 mph, 4% cover
1	4/29/2014	Marija Minic, Jon Lucas	1730–1930	Start: 87°F, wind 3 mph, 3% cover End: 77°F, wind 3 mph, 10% cover
1	4/30/2014	Marija Minic, Jon Lucas	0600–1002	Start: 61°F, wind 3 mph, 10% cover End: 78°F, wind 10 mph, 15% cover
2	5/13/2014	Shelly Dayman, Dave Lohr	0657–1054	Start: 64°F, wind 2 mph, 0% cover End: 82°F, wind 3 mph, 0% cover
2	5/13/2014	Dave Lohr	1715–1900	Start: 93.7°F, wind 4 mph, 0% cover End: 90°F, wind 2-5 mph, 0% cover
2	5/13/2014	Shelly Dayman	1858–1950	Start: 70°F, wind 6 mph, 0% cover End: 72°F, wind 3 mph, 0% cover
2	5/14/2014	Dave Lohr	0709–1039	Start: 70°F, wind 6 mph, 0% cover End: 87°F, wind 1 mph, 0% cover
2	5/14/2014	Shelly Dayman	0755–1036	Start: 70°F, wind 4 mph, 0% cover End: 87°F, wind 1 mph, 0% cover
2	5/14/2014	Dave Lohr	1742–1928	Start: 93°F, wind 9 mph, 0% cover End: 87°F, wind 3 mph, 0% cover
2	5/15/2014	Dave Lohr	0633–1019	Start: 61°F, wind 5-7 mph, 0% cover End: 90°F, wind 6 mph, 0% cover
2	5/15/2014	Brennan Mulrooney	0943–1018	Start: 75°F, wind 3 mph, 0% cover End: 80°F, wind 3 mph, 0% cover
2	5/15/2014	Dave Lohr	1731–1901	Start: 98.6°F, wind 7 mph, 0% cover End: 90.2°F, wind 4-6 mph, 0% cover
2	5/16/2014	Dave Lohr	0624–1023	Start: 58.8°F, wind 2 mph, 0% cover End: 89.7°F, wind 5-4 mph, 0% cover
3	5/27/2014	Brennan Mulrooney	0927–1028	Start: 73°F, wind 1 mph, 0% cover End: 91°F, wind 2 mph, 0% cover
3	5/27/2014	Matthew Kedziora, Keoni Calantas	1344–2020	Start: 82°F, wind 5 mph, 55% cover End: 65°F, wind 5 mph, 10% cover
3	5/28/2014	Matthew Kedziora, Keoni Calantas	1756–2019	Start: 79°F, wind 7 mph, 15% cover End: 65°F, wind 3 mph, 0% cover
3	5/29/2014	Matthew Kedziora	0518–0811	Start: 61°F, wind 2 mph, 25% cover End: 72°F, wind 0 mph, 100% cover

Survey Number	Date	Survey Personnel	Time	Weather Conditions
3 5/30/2014		Matthew Kedziora	0515–0951	Start: 57°F, wind 0 mph, 0% cover End: 75°F, wind 0 mph, 5% cover
3 5/30/2014		Matthew Kedziora	1752–2031	Start: 82°F, wind 8 mph, 0% cover End: 66°F, wind 5 mph, 3% cover
3 6/2/2014		Dave Lohr	0632–1031	Start: 61°F, wind 0 mph, 1% cover End: 65°F, wind 0 mph, 15% cover
4 6/16/2014		Dave Lohr	0603–1030	Start: 59°F, wind 2 mph, 70% cover End: 72°F, wind 6 mph, 0% cover
4 6/17/2014		Dave Lohr	0606–1015	Start: 59°F, wind 2 mph, 70% cover End: 71°F, wind 4 mph, 0% cover
4 6/17/2014		Dave Lohr	1712–1920	Start: 81°F, wind 7 mph, 0% cover End: 72°F, wind 4-5 mph, 0% cover
4 6/18/2014		Dave Lohr	0611–1030	Start: 59°F, wind 4 mph, 0% cover End: 75°F, wind 2 mph, 0% cover
4 6/18/2014		Dave Lohr	1710–1900	Start: 79°F, wind 8 mph, 0% cover End: 75°F, wind 5 mph, 0% cover
4 6/19/2014		Dave Lohr	0555–1015	Start: 64°F, wind 4 mph, 0% cover End: 83°F, wind 2 mph, 0% cover
4 6/19/2014		Dave Lohr	1708–1930	Start: 84°F, wind 8 mph, 0% cover End: 74°F, wind 6 mph, 0% cover

## **Results**

### **Segment 2 of the Proposed Project**

A total of 212 potentially suitable burrows, or burrow clusters, were documented within Segment 2 of the Proposed Project and the Alternative Project (Figures 4A through 4C). A total of 164 potentially suitable burrows were documented within Segment 2 of the Proposed Project, and an additional 48 were detected within the Alternative Project. Each known burrow was visited during BUOW protocol surveys by AECOM biologists. None of the mapped burrows within each segment were determined to be inhabited by BUOW. Table 2 summarizes the total burrows surveyed.

**Table 2**  
**Total Burrows Surveyed**

Burrow Status	Total Burrows
Occupied	0
Active	0
Potentially Suitable (Proposed Project) <sup>1</sup>	164
Potentially Suitable (Alternative Project)	48
<b>Total</b>	<b>212</b>

<sup>1</sup> Potentially suitable burrows include those burrows that are considered suitable but contain no active or recent presence of BUOW activity.

Additionally, the following special-status wildlife species within Segment 2 of the Proposed Project were observed during surveys: western fence lizard (*Sceloporus occidentalis bocourti*), common side-blotched lizard (*Uta stansburiana*), gopher snake (*Pituophis*



*catenifer*), western toad (*Anaxyrus boreas*), black-tailed jackrabbit (*Lepus californicus deserticola*), American kestrel (*Falco sparverius*), horned lark (*Eremophila alpestris*), and red-tailed hawk (*Buteo jamaicensis*). No federal or state listed sensitive species were observed.

#### Segment 2 of the Alternative Project

A total of 61 potentially suitable burrows were documented within Segment 2 of the Alternative Project. None of the mapped burrows within each segment were determined to be inhabited by BUOW. Table 2 summarizes the progression of cumulative burrow status by survey number. Additionally, the following special-status wildlife species within Segment 2 of the Alternative Project were observed during surveys: western fence lizard (*Sceloporus occidentalis bocourtii*), common side-blotched lizard (*Uta stansburiana*), western toad (*Anaxyrus boreas*), black-tailed jackrabbit (*Lepus californicus deserticola*), white-faced ibis (*Plegadis chihi*), American kestrel (*Falco sparverius*), horned lark (*Eremophila alpestris*), black-crowned night heron (*Nycticorax nycticorax*), and red-tailed hawk (*Buteo jamaicensis*). No federal or state listed sensitive species were observed.

#### Discussion

##### Segment 2 of the Proposed Project

None of the potential suitable burrows identified within Segment 2 of the Proposed Project were found to be occupied at the time of surveys. BUOW occupancy within Segment 2 of the Proposed Project could fluctuate from year to year. BUOW are known to use up to 11 satellite burrows (CDFG, 2012) and potential BUOW burrows were found to exist throughout the entire length of the project corridor. Although several species of reptiles, birds, and mammals were documented during this survey, no BUOW were detected. Additionally, no federally or state listed protected, and/or sensitive species were observed during the survey.

##### Segment 2 of the Alternative Project

The same conclusions for Segment 2 of the Proposed Project were found for Segment 2 of the Alternative Project.

Should you have any questions or comments regarding this letter report, please contact us via telephone at 602.421.1270.

Sincerely,



Bruce Eilerts  
The Sanberg Group, Inc., Biologist





Barbra Calantas  
AECOM Biologist

**Attachments:**

Figure 1 – Regional Map

Figure 2 – Vicinity Map

Figure 3 – Western Burrowing Owl Survey Location

Figures 4A through C – Potential Western Burrowing Owl Burrow Locations

**Certification**

Qualified biologists who conducted BUOW surveys within the BUOW BSA for the Proposed Project certify that the information in this survey report fully and accurately represents the work performed. Signatures of permitted biologists who conducted protocol surveys are included below. The results of focused surveys for listed species are typically considered valid for 1 year by the resource agencies.



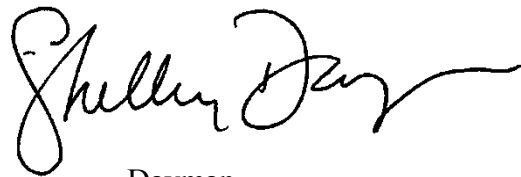
Marija Minic      Jon  
The Sanberg Group, Inc., Biologist



Lucas  
The Sanberg Group, Inc., Biologist



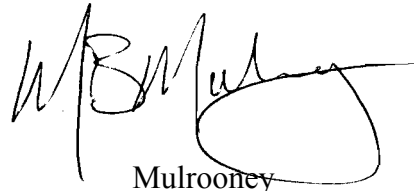
David Lohr      Shelly  
The Sanberg Group, Inc., Biologist      AECOM



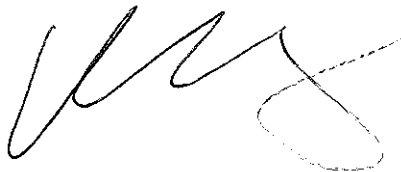
Dayman  
Biologist



Keoni Calantas      Brennan  
AECOM Biologist      AECOM



Mulrooney  
Biologist



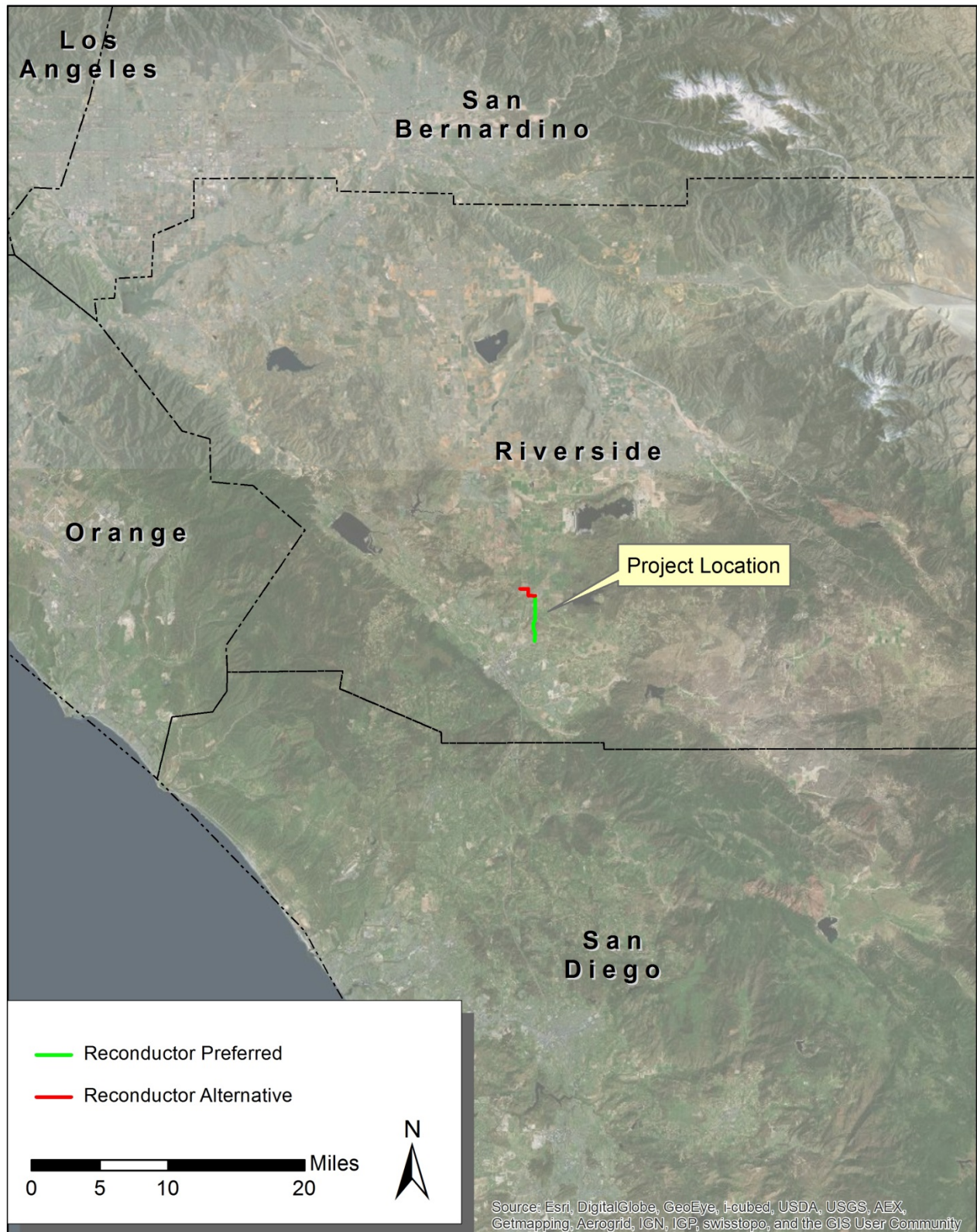
Matt Kedziora  
AECOM Biologist

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## **FIGURES**

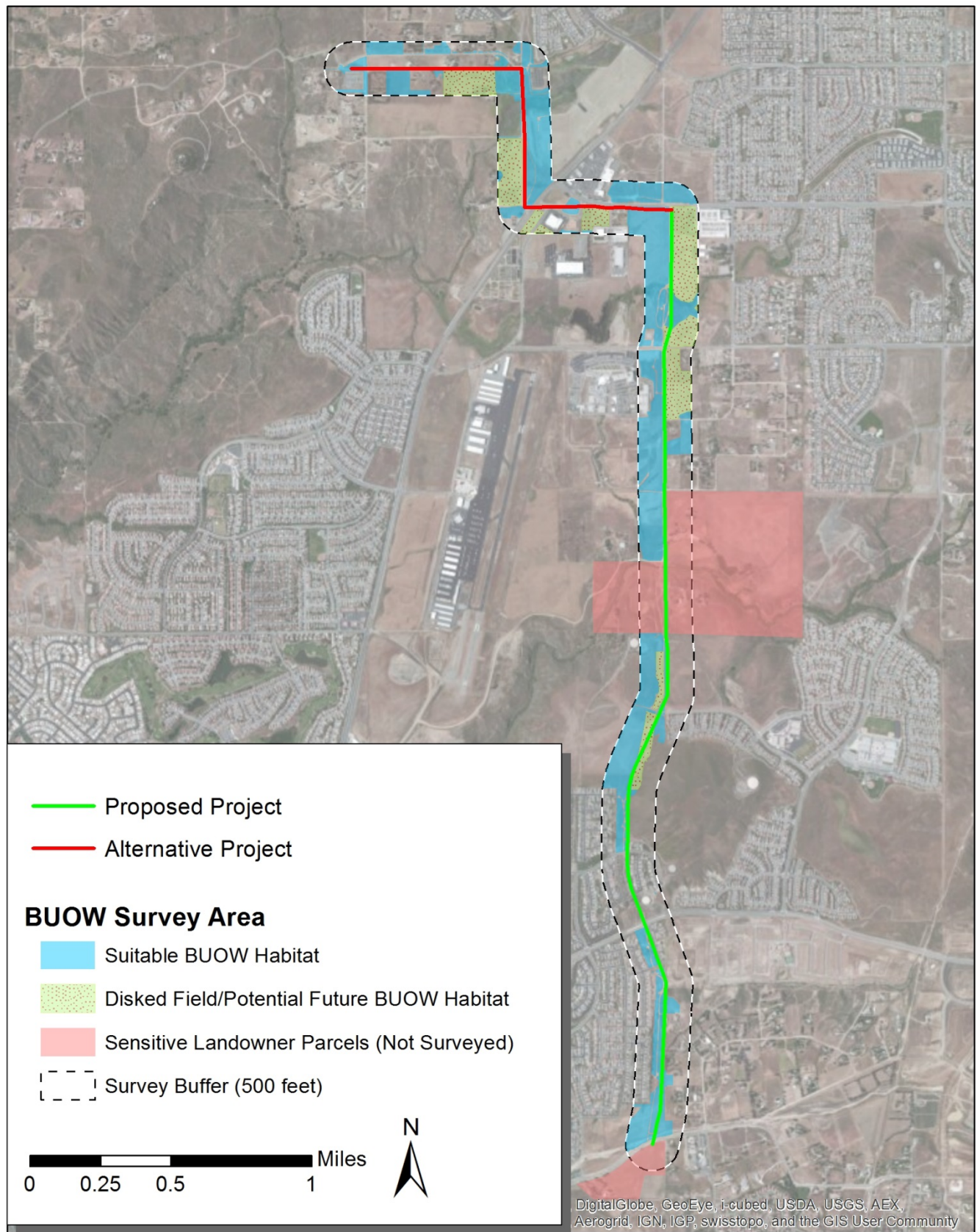


**Figure 1: Regional Map**



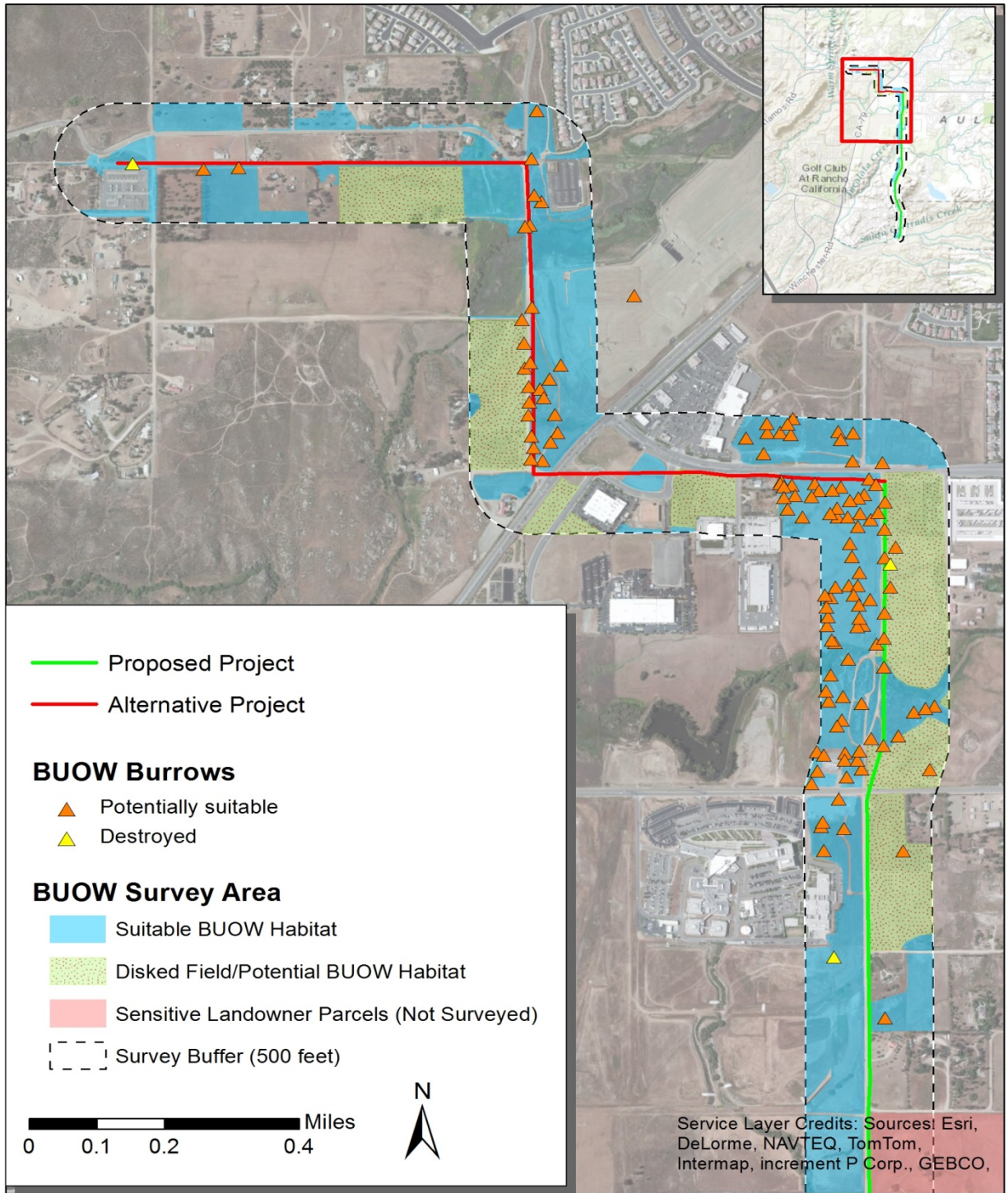






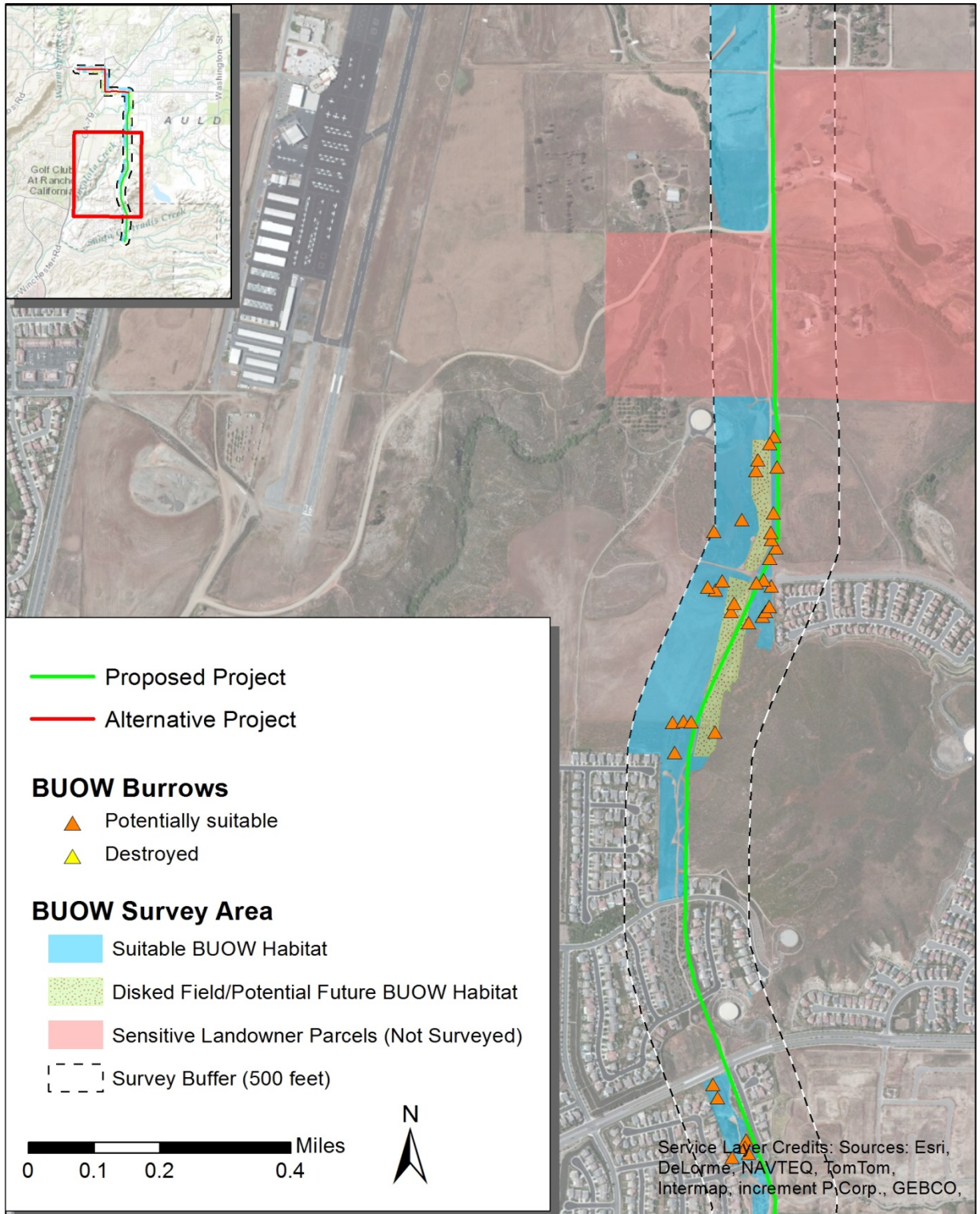
**Figure 3: Western Burrowing Owl Survey Location**





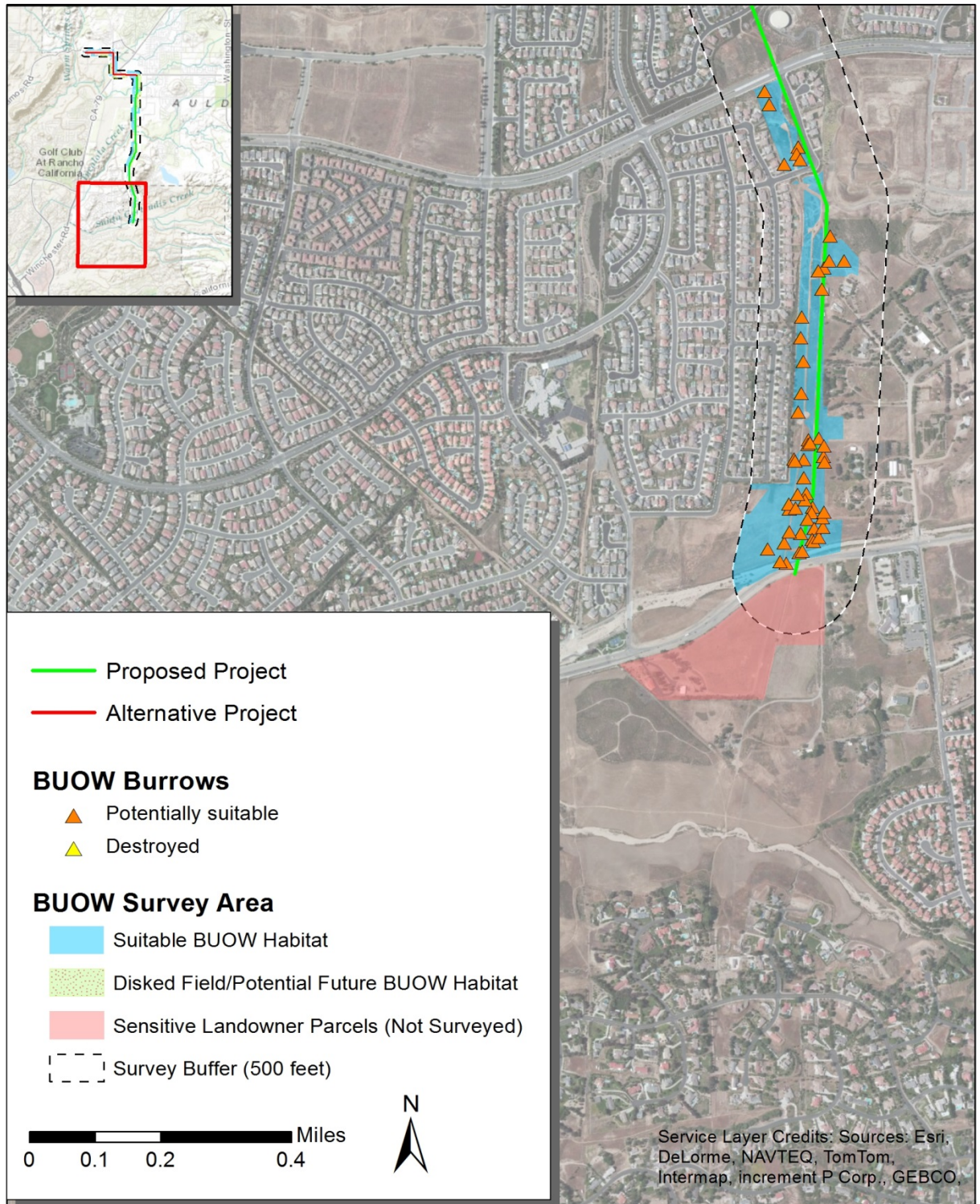
**Figure 4A: Potential Western Burrowing Owl Burrow Locations**





**Figure 4B: Western Burrowing Owl Burrow Locations**





**Figure 4C: Potential Western Burrowing Owl Burrow Locations**

## **APPENDIX K**

### **2014 LEAST BELL'S VIREO AND SOUTHWESTERN WILLOW FLYCATCHER SURVEY REPORT**







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July 25, 2014 – Version 2

Ms. Stacey Love  
Recovery Permit Coordinator  
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Carlsbad, California 92008

**RE: 45-Day Summary Report of Protocol Surveys for the Southwestern Willow Flycatcher and Least Bell's Vireo within the Southern California Edison Company's (SCE) Valley South 115 kV Subtransmission Project Survey Area, Riverside County, California**

Dear Ms. Love:

In compliance with the Special Terms and Conditions for Endangered and Threatened Wildlife Species Permit TE-820658, AECOM submits this letter report summarizing the results of focused surveys conducted in 2014 to determine the presence or absence of the federally and state listed endangered southwestern willow flycatcher (*Empidonax trailii extimus*; SWFL) and federally and state listed endangered least Bell's vireo (*Vireo belli pulillus*; LBV) associated with the Valley South 115 kV Subtransmission Project, Riverside County, California (Proposed Project). Surveys were conducted on behalf of SCE.

This report includes the Proposed Project description; a site description; and a discussion of species background, survey methodology, and results. A list of wildlife species detected throughout all surveys is provided in Appendix A.

## **Project Description**

The Valley South Subtransmission Project consists of two Segments that are approximately 15.4 miles in total length, located within unincorporated Riverside County and the cities of Menifee, Murrieta, and Temecula. An analysis of biological resources for Segment 1 of the Proposed Project and Alternative Project was conducted previously; this report focuses on surveys conducted for Segment 2.

Project activities associated with Segment 2 involves reconductoring a section of the existing Valley-Auld-Triton 115 kV Subtransmission Line. Segment 2 would cross through unincorporated Riverside County and the City of Temecula and through a variety of habitat types, including heavily cultivated fields, horticultural landscapes adjacent to residential tracts, rural yards, otherwise historically disturbed lands, stands of heavily to partly disturbed sage scrub vegetation, and the narrow sandy wash at Santa Gertrudis Creek immediately north of Nicolas Road. Segment 2 is divided into the Proposed and Alternative Project.

Segment 2 of the Proposed Project begins at the tubular steel pole (TSP) located at the southeast corner of Leon Road and Benton Road and continues southerly to the existing Terminal TSP located on the south side of Nicolas Road, for a total of 3.4 miles.

Ms. Stacey Love  
July 25, 2014  
Page 2

Segment 2 of the Alternative Project would begin at an existing TSP located east of Auld 115/12 kV Substation and would parallel Los Alamos Road for approximately 0.5 of a mile until it reaches Briggs Road where it would turn south for approximately 0.5 of a mile. It would then span State Route 79 in an easterly direction and parallel Benton Road before merging with Segment 2 of the Proposed Project. At this location, Segment 2 of the Alternative Project would follow the same 3.4 mile route as Segment 2 of the Proposed Project, for a total of 5 miles. To avoid repeating impacts along the shared 3.4 mile portion of Segment 2, the discussion specific to Segment 2 of the Alternative Project would focus on the unique 1.6-mile portion from Auld Substation to the intersection of Leon Road and Benton Road.

### **Site Description**

The overall survey area is approximately 620 acres. The SWFL and LBV survey area consists of all suitable habitat within a 500' buffer surrounding the proposed and alternative alignments. Habitat types found within the survey area are coastal sage scrub, grassland, riparian areas, agriculture, and urban/developed land. A description of the area surveyed within the Proposed Project and within the Alternative Project is provided below.

#### **Segment 2 of the Proposed Project**

Within the Proposed Project area, three narrow strips of southern willow scrub were surveyed for LBV and SWFL (2.88 acres) with one additional strip of mule fat scrub surveyed for LBV only (1.19 acres).

#### **Segment 2 of the Alternative Project**

Within the Alternative Project area, one narrow strip of southern willow scrub (1.36 acres) was surveyed for LBV and SWFL with one additional strip of mule fat scrub surveyed for LBV only (0.38 acres).

### **Southwestern Willow Flycatcher**

#### **SWFL Background Information**

SWFL, a subspecies of willow flycatcher (*Empidonax traillii*), is listed by the California Department of Fish and Wildlife (CDFW; previously California Department of Fish and Game [CDFG]) as endangered in California (CDFG, 1991) as part of the state endangered listing of the full species (willow flycatcher). SWFL was also federally listed as endangered in 1995 (USFWS, 1995). This subspecies can only be separated from other willow flycatcher subspecies in the field geographically by breeding range. SWFL breeds in New Mexico, Arizona, southern California, Nevada, Utah, and possibly west Texas (Rourke et al., 1999). In 2005, the U.S. Fish and Wildlife Service (USFWS) issued the final ruling to designate critical habitat for SWFL, which includes portions of Riverside County (USFWS, 2005). No critical habitat occurs within the Proposed Project or Alternative Project.

The primary factor responsible for the decline of SWFL is habitat loss, exacerbated by nest predation and brood parasitism by brown-headed cowbirds (*Molothrus ater*) (BHCO) (Rourke et al., 1999). SWFL is a neotropical migrant that breeds in riparian forests with a distinct vegetation structure: a dense understory where nests are built, a moderately closed canopy, and an open foraging area at midstory. SWFL breeding habitat is also characterized by actively changing hydrology, frequently including standing water, but also dry areas that have flooded within the past few years and retain the appropriate vegetation structure. In California, less than 5% of appropriate riparian habitat remains from its previous extent when California achieved statehood in 1850 (Kus, 2003).

SWFL begin arriving on breeding territories in Southern California in early May, but the northern subspecies (*E. t. brewsteri*) may migrate through southern breeding areas through mid-June. Both male and female migrant willow flycatchers frequently sing, and determining whether an individual is a resident (SWFL) or a migrant (willow flycatcher) cannot be accomplished from a single detection. Therefore, a survey protocol for SWFL has been adopted by USFWS (Sogge et al., 2010).

#### SWFL Survey Methodology

A reconnaissance-level habitat assessment for SWFL was conducted by AECOM biologists in 2013. During the initial 2014 survey for LBV, the site was again assessed for suitable riparian habitat that could support SWFL (Figure 3).

AECOM biologist Brennan Mulrooney conducted surveys under Endangered Species Permit TE-820658. SWFL surveys followed the current survey protocol adopted by USFWS (Sogge et al., 2010). In accordance with the requirements of the USFWS SWFL survey protocol, the SWFL survey area depicted in Figure 3 was surveyed once during the first survey period (May 15 through May 31), twice during the second survey period (June 1 through June 24), and twice during the third survey period (June 25 through July 17). Surveys were conducted at least 5 days apart between dawn and 11 a.m. Biologists walked through suitable habitat, stopping frequently to listen. After a few minutes of passive listening, if no SWFL were heard, a playback recording of SWFL calls was played (active surveys) to elicit a response from SWFL within or adjacent to the property.

As allowed under the relevant endangered species permits, the survey activity “takes” the SWFL through harassment with playback of recorded SWFL vocalizations. No individual SWFL were captured.

Protocol-level SWFL surveys were conducted between May 15 and July 11, 2014, within Segment 2 of the Proposed Project in areas of suitable SWFL habitat (Table 1).

#### SWFL Results

Table 1 details each survey, including the survey period, date, permitted biologist, time, weather conditions, and observations for the Proposed Project and the Alternative Project. A complete list of all wildlife detected is provided in Appendix A. BHCO observations are listed in Table 3.

**Table 1. SWFL Survey Dates, Personnel, Weather Conditions, and Results**

Survey Number	Date	Survey Personnel	Weather Conditions	Time <sup>1</sup>	Results <sup>1</sup>
				Time <sup>2</sup>	Results <sup>2</sup>
1	5/15/2014	Brennan Mulrooney	Start: 57°F, wind 2 mph, 0% cover End: 65°F, wind 3 mph, 0% cover	0634–0804	1 migrant willow flycatcher observed
				0804–0928	No SWFL observed
2	6/9/2014	Brennan Mulrooney	Start: 65°F, wind 0 mph, 0% cover End: 76°F, wind 3 mph, 0% cover	0700–0752	No SWFL observed
				0752–0930	No SWFL observed
3	6/19/2014	Brennan Mulrooney	Start: 63°F, wind 1 mph, 0% cover End: 75°F, wind 3 mph, 0% cover	0932–1008	No SWFL observed
				0806–0932	No SWFL observed
4	6/30/2014	Brennan Mulrooney	Start: 66°F, wind 2 mph, 100% cover End: 69°F, wind 1 mph, 75% cover	0721–0828	No SWFL observed
				0828–0922	No SWFL observed
5	7/11/2014	Brennan Mulrooney	Start: 65°F, wind 0 mph, 90% cover End: 70°F, wind 5 mph, 0% cover	0721–0802	No SWFL observed
				0802–0922	No SWFL observed

<sup>1</sup>Proposed Project Area

<sup>2</sup>Alternative Project Area

#### *Segment 2 of the Proposed Project*

During SWFL surveys, several sensitive species were detected: white-faced ibis (*Plegadis chihi*; CDFW Watch List), LBV, California horned lark (*Eremophila alpestris actia*; CDFW Watch List), and tricolored blackbird (*Agelaius tricolor*; CDFW Species of Special Concern). All sensitive species and BHCO detections are represented in Figure 3.

#### *Segment 2 of the Alternative Project*

The species detected in the Proposed Project area were consistent with those found in the Alternative Project area with the exception of tricolored blackbird.

#### SWFL Discussion

##### *Segment 2 of the Proposed Project*

During survey 1, a single willow flycatcher was detected in ornamental trees in the driveway to a residence adjacent to a riparian strip within the survey area. The bird never sang and only gave “whit” calls in response to SWFL recordings. This bird was not detected in subsequent surveys and can be assumed to have been a migrant. No SWFL were detected on any surveys.

##### *Segment 2 of the Alternative Project*

No SWFL were detected in the Alternative Project area.

## **Least Bell's Vireo**

### LBV Background Information

LBV was listed as endangered by USFWS on May 2, 1986 (USFWS, 1986), with designated critical habitat (USFWS, 1994). This listing status applies to the entire population of LBV. A draft recovery plan was written by USFWS and circulated for review in 1998 (USFWS, 1998). No critical habitat occurs within the Proposed Project or Alternative Project. CDFW listed this subspecies as endangered on October 2, 1980 (CDFG, 2004).

Historically, this subspecies was a common summer visitor to riparian habitat throughout much of California. Currently, LBV is found only in riparian woodlands in southern California, with the majority of breeding pairs in San Diego, Santa Barbara, and Riverside Counties.

LBV is migratory and arrives in Southern California in late March/early April; it leaves for its wintering grounds in September. LBV primarily occupies riparian woodlands that include dense cover within 3 to 7 feet of the ground and a dense, stratified canopy. The subspecies inhabits low, dense riparian growth along water or along dry parts of intermittent streams. The understory is typically dominated by species of willow (*Salix* sp.) and mulefat (*Baccharis salicifolia*). Overstory species typically include cottonwood (*Populus* sp.), western sycamore (*Platanus racemosa*), and mature willows. The subspecies typically builds nests in vegetation 3 to 4 feet above the ground (Salata, 1984) where there is moderately open midstory cover with an overstory of willows, cottonwoods, sycamores, or coast live oaks (*Quercus agrifolia*). Nests are also often placed along internal or external edges of riparian thickets at an average of 3.3 feet above the ground (Unitt, 2004). Riparian plant succession is an important factor in maintaining LBV habitat.

The decline of LBV is attributed to loss, degradation, and fragmentation of riparian habitat, combined with brood/nest parasitism by BHCO. LBV is known to be sensitive to many forms of disturbance, including noise, night-lighting, and consistent human presence. Due to concerted programs focused on preserving, enhancing, and creating suitable nesting habitat, the LBV population has steadily increased in size along several of its breeding drainages in southern California. Significant increases in breeding populations have occurred along the Santa Ana River at Prado Basin, and on the Santa Margarita River on Marine Corps Base Camp Pendleton, as well as at several other sites in the region.

### LBV Survey Methodology

LBV surveys were conducted due to the presence of suitable habitat within the study area. A reconnaissance-level habitat assessment for LBV was conducted by AECOM biologists in 2013. During the initial 2014 survey for LBV, the site was again assessed for suitable riparian habitat that could support LBV (Figure 3).

LBV surveys were completed during the breeding season of 2014. Focused surveys followed the current USFWS survey guidelines for the species, dated January 19, 2001 (USFWS, 2001). Surveys were conducted by AECOM biologist Brennan Mulrooney. The survey consisted of walking transects through potential LBV habitat and conducting passive



surveillance (i.e., listening and looking for the species). Per USFWS guidelines, the area was surveyed eight times during 2014 (Table 1). Surveys were conducted at least 10 days apart and typically completed between dawn and 11 a.m. All surveys occurred between April 10 and July 31. Surveys consisted of walking meandering transects through potential LBV habitat. Surveys were not conducted during periods of inclement weather such as extreme wind or during a rain event.

### LBV Results

Table 2 details each survey, including the date, survey period, personnel and permitted biologist, time, weather conditions, and observations for the Proposed Project and the Alternative Project. A complete list of all wildlife detected is provided in Appendix A. BHCO observations are listed in Table 3.

#### *Segment 2 of the Proposed Project*

During LBV surveys, several sensitive species were detected: white-faced ibis (*Plegadis chihi*; CDFW Watch List), SWFL, California horned lark (*Eremophila alpestris actia*; CDFW Watch List), and tricolored blackbird (*Agelaius tricolor*; CDFW Species of Special Concern). All sensitive species and BHCO detections are represented in Figure 3.

**Table 2. LBV Survey Dates, Personnel, Weather Conditions, and Results**

Survey Number	Date	Survey Personnel	Weather Conditions	Time <sup>1</sup>	Results <sup>1</sup>
				Time <sup>2</sup>	Results <sup>2</sup>
1	4/24/2014	Brennan Mulrooney	Start: 59°F, wind 0 mph, 0% cover End: 69°F, wind 2 mph, 0% cover	0727–0858	1 singing male LBV
				0727–1017	1 singing male LBV
2	5/5/2014	Brennan Mulrooney	Start: 52°F, wind 2 mph, 80% cover End: 69°F, wind 2 mph, 10% cover	0706–0815	1 singing male LBV
				0815–0915	No LBV detected
3	5/15/2014	Brennan Mulrooney	Start: 57°F, wind 2 mph, 0% cover End: 65°F, wind 3 mph, 0% cover	0634–0750	No LBV detected
				0750–0902	1 singing male LBV
4	5/27/2014	Brennan Mulrooney	Start: 65°F, wind 0 mph, 0% cover End: 73°F, wind 1 mph, 0% cover	0815–0907	No LBV detected
				0606–0815	1 singing male LBV
5	6/9/2014	Brennan Mulrooney	Start: 65°F, wind 0 mph, 0% cover End: 76°F, wind 3 mph, 0% cover	0731–0820	No LBV detected
				0820–0932	Male and female LBV with begging juvenile
6	6/19/2014	Brennan Mulrooney	Start: 63°F, wind 1 mph, 0% cover End: 75°F, wind 3 mph, 0% cover	0901–1006	1 singing male LBV
				0804–0901	1 singing male LBV with begging juvenile
7	6/30/2014	Brennan Mulrooney	Start: 66°F, wind 2 mph, 100% cover End: 69°F, wind 1 mph, 75% cover	0721–0922	No LBV detected
				0721–0922	2 adult LBV with at least one juvenile
8	7/11/2014	Brennan Mulrooney	Start: 65°F, wind 0 mph, 90% cover End: 70°F, wind 5 mph, 0% cover	0723–0924	No LBV detected
				0723–0924	1 singing male LBV

<sup>1</sup>Proposed Project Area

<sup>2</sup>Alternative Project Area

**Table 3**  
**Summary of Brown-Headed Cowbird Observations by Survey Period**

Survey Period	Survey Date	Number of BHCO Individuals Detected
LBV 1	4/24/2014	6
LBV 2	5/5/2014	3
LBV 3/SWFL 1	5/15/2014	3
LBV 4	5/27/2014	3
LBV 5/SWFL 2	6/9/2014	2
LBV 6/SWFL 3	6/19/2014	2
LBV 7/SWFL 4	6/30/2014	3
LBV 8/SWFL 5	7/11/2014	3

*Segment 2 of the Alternative Project*

The species detected in the Proposed Project area were consistent with those found in the Alternative Project area with the exception of tricolored blackbird.

LBV Discussion

*Segment 2 of the Proposed Project*

One singing male LBV was detected directly adjacent to the Proposed Project area. This bird was never observed within the 500' buffer, but it given the fact that the habitat it was using continues into the buffer, it can be assumed that it spent some amount of time within the Proposed Project area. This bird was never observed to be paired.

*Segment 2 of the Alternative Project*

One breeding pair of LBV was found to be nesting in the Alternative Project area. Two adults and at least one begging juvenile were observed on multiple occasions. The begging juvenile was observed outside the nest and the pair did not appear to be feeding any BHCO.

**Attachments:**

Figure 1 – Regional Map

Figure 2 – Vicinity Map


Figure 3 – Suitable Habitat Map and Special-Status Species Observations

Appendix A – Wildlife Species Detected during All Focused Surveys

Ms. Stacey Love  
July 25, 2014  
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**Certification Statement**

I certify that the information in this survey report and attached exhibits fully and accurately represent my work.

A handwritten signature in black ink, appearing to read 'Brennan Mulrooney', is written over the printed name.

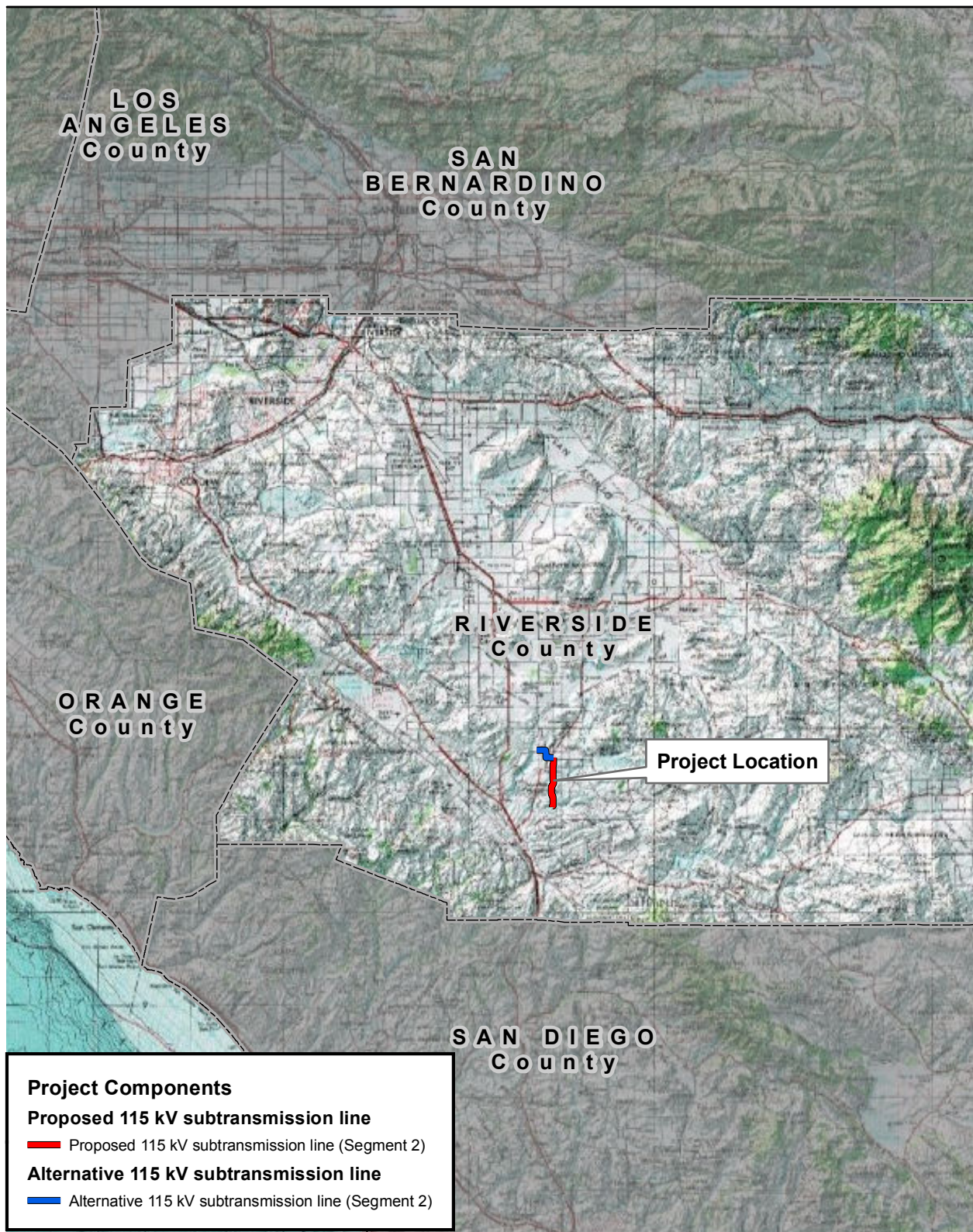
Brennan Mulrooney  
Wildlife Biologist  
TE-820658

### **Literature Cited**

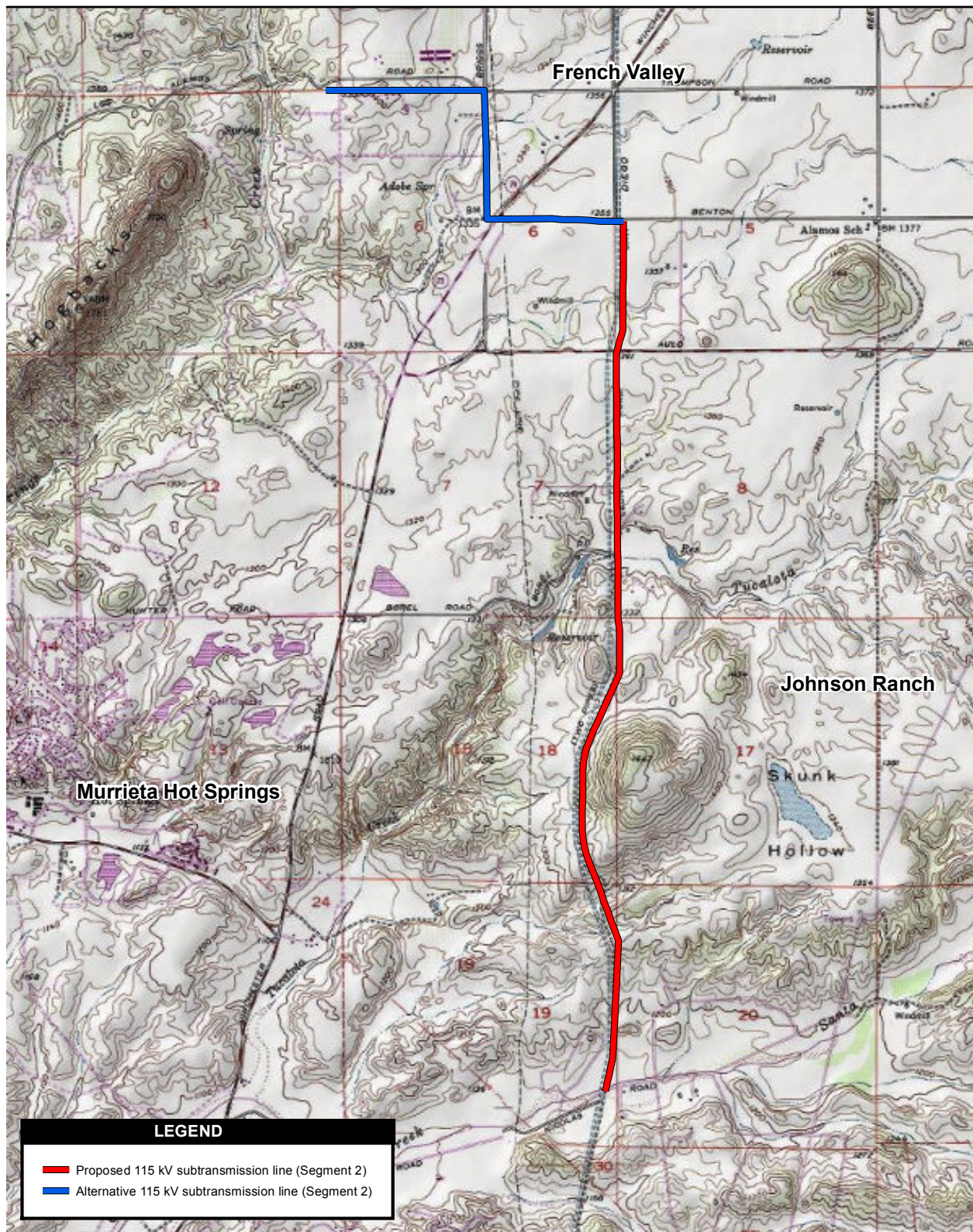
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## FIGURES



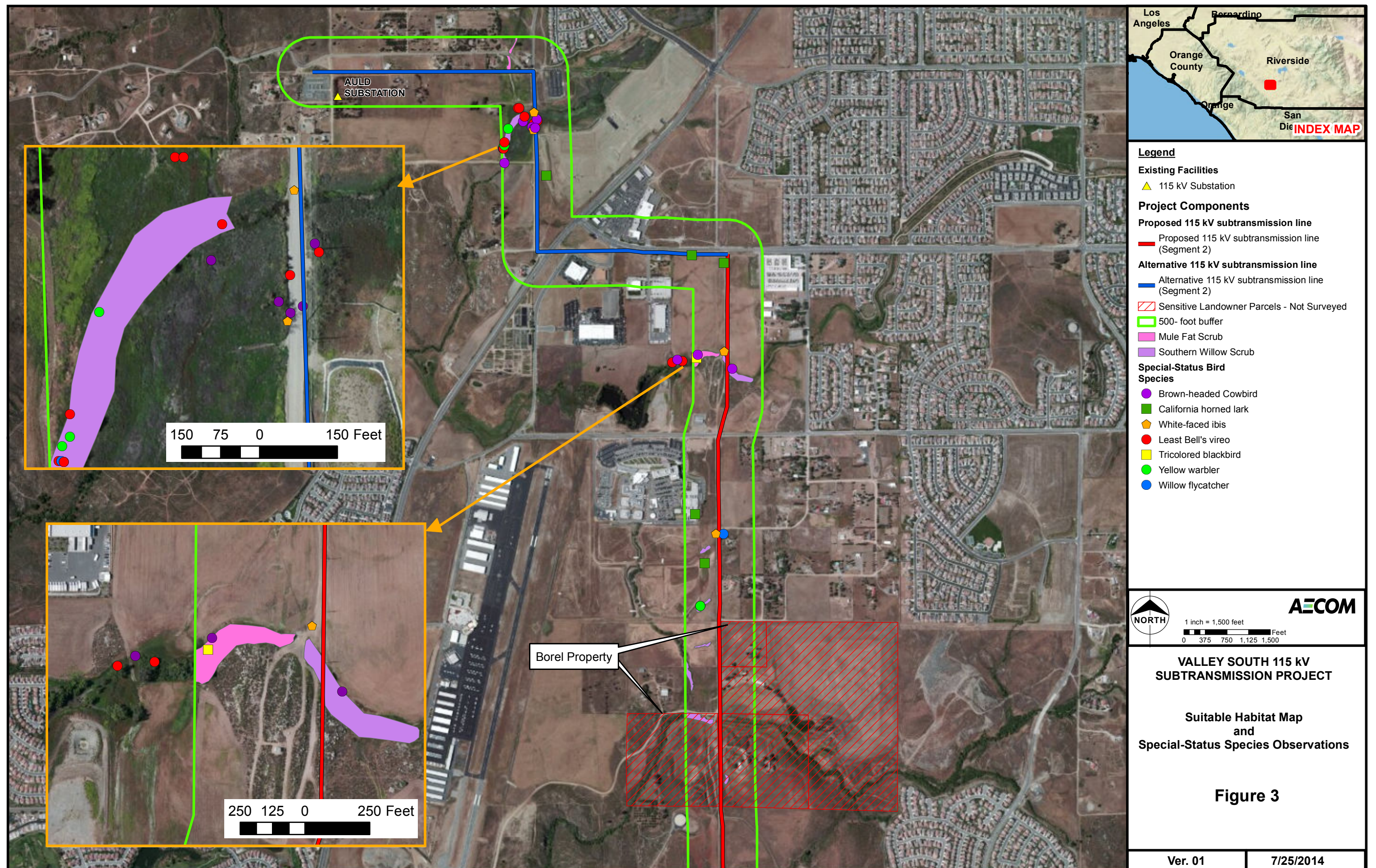






**Figure 2**  
**Vicinity Map**







## **APPENDIX A**

### **WILDLIFE SPECIES DETECTED DURING ALL SURVEYS**

## Appendix A Species Observations

Common Name	Scientific Name	Order	Family
Invertebrates			
White Checkered-Skipper	<i>Pyrgus albescens</i>	Lepidoptera	Hesperiidae
West Coast Lady	<i>Vanessa annabella</i>	Lepidoptera	Nymphalidae
Western Tiger Swallowtail	<i>Papilio rutulus</i>	Lepidoptera	Papilionidae
Checkered White	<i>Pontia protodice</i>	Lepidoptera	Pieridae
Reptiles & Amphibians			
Western Fence Lizard	<i>Sceloporus occidentalis</i>	Squamata	Phrynosomatidae
Granite Spiny Lizard	<i>Sceloporus orcutti</i>	Squamata	Phrynosomatidae
Avian			
Red-tailed Hawk	<i>Buteo jamaicensis</i>	Accipitriformes	Accipitridae
Mallard	<i>Anas platyrhynchos</i>	Anseriformes	Anatidae
Canada Goose	<i>Branta canadensis</i>	Anseriformes	Anatidae
Black-chinned Hummingbird	<i>Archilochus alexandri</i>	Apodiformes	Trochilidae
Anna's Hummingbird	<i>Calypte anna</i>	Apodiformes	Trochilidae
Costa's Hummingbird	<i>Calypte costae</i>	Apodiformes	Trochilidae
Rufous/Allen's Hummingbird	<i>Selasphorus rufus/sasin</i>	Apodiformes	Trochilidae
Eurasian Collared-Dove	<i>Streptopelia decaocto</i>	Columbiformes	Columbidae
Mourning Dove	<i>Zenaida macroura</i>	Columbiformes	Columbidae
Greater Roadrunner	<i>Geococcyx californianus</i>	Cuculiformes	Cuculidae
American Kestrel	<i>Falco sparverius</i>	Falconiformes	Falconidae
Bushtit	<i>Psaltiriparus minimus</i>	Passeriformes	Aegithalidae
California Horned Lark	<i>Eremophila alpestris actia</i>	Passeriformes	Alaudidae
Lazuli Bunting	<i>Passerina amoena</i>	Passeriformes	Cardinalidae
Blue Grosbeak	<i>Passerina caerulea</i>	Passeriformes	Cardinalidae
Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>	Passeriformes	Cardinalidae
American Crow	<i>Corvus brachyrhynchos</i>	Passeriformes	Corvidae

Common Name	Scientific Name	Order	Family
Common Raven	<i>Corvus corax</i>	Passeriformes	Corvidae
Lark Sparrow	<i>Chondestes grammacus</i>	Passeriformes	Emberizidae
Song Sparrow	<i>Melospiza melodia</i>	Passeriformes	Emberizidae
California Towhee	<i>Melospiza crissalis</i>	Passeriformes	Emberizidae
Spotted Towhee	<i>Pipilo maculatus</i>	Passeriformes	Emberizidae
House Finch	<i>Haemorhous mexicanus</i>	Passeriformes	Fringillidae
Lawrence's Goldfinch	<i>Spinus lawrencei</i>	Passeriformes	Fringillidae
Lesser Goldfinch	<i>Spinus psaltria</i>	Passeriformes	Fringillidae
American Goldfinch	<i>Spinus tristis</i>	Passeriformes	Fringillidae
Barn Swallow	<i>Hirundo rustica</i>	Passeriformes	Hirundinidae
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	Passeriformes	Hirundinidae
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	Passeriformes	Hirundinidae
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	Passeriformes	Icteridae
Tricolored Blackbird	<i>Agelaius tricolor</i>	Passeriformes	Icteridae
Bullock's Oriole	<i>Icterus bullockii</i>	Passeriformes	Icteridae
Hooded Oriole	<i>Icterus cucullatus</i>	Passeriformes	Icteridae
Brown-headed Cowbird	<i>Molothrus ater</i>	Passeriformes	Icteridae
Western Meadowlark	<i>Sturnella neglecta</i>	Passeriformes	Icteridae
Northern Mockingbird	<i>Mimus polyglottos</i>	Passeriformes	Mimidae
California Thrasher	<i>Toxostoma redivivum</i>	Passeriformes	Mimidae
Wilson's Warbler	<i>Cardellina pusilla</i>	Passeriformes	Parulidae
MacGillivray's Warbler	<i>Geothlypis tolmiei</i>	Passeriformes	Parulidae
Common Yellowthroat	<i>Geothlypis trichas</i>	Passeriformes	Parulidae
Orange-crowned Warbler	<i>Oreothlypis celata</i>	Passeriformes	Parulidae
Yellow Warbler	<i>Setophaga petechia brewsteri</i>	Passeriformes	Parulidae
Bewick's Wren	<i>Thryomanes bewickii</i>	Passeriformes	Troglodytidae
House Wren	<i>Troglodytes aedon</i>	Passeriformes	Troglodytidae
Swainson's Thrush	<i>Catharus ustulatus</i>	Passeriformes	Turdidae
Western Bluebird	<i>Sialia mexicana</i>	Passeriformes	Turdidae

Common Name	Scientific Name	Order	Family
Western Wood-Pewee	<i>Contopus sordidulus</i>	Passeriformes	Tyrannidae
Pacific-slope Flycatcher	<i>Empidonax difficilis</i>	Passeriformes	Tyrannidae
Dusky Flycatcher	<i>Empidonax oberholseri</i>	Passeriformes	Tyrannidae
Willow Flycatcher	<i>Empidonax traillii</i>	Passeriformes	Tyrannidae
Ash-throated Flycatcher	<i>Myiarchus cinerascens</i>	Passeriformes	Tyrannidae
Black Phoebe	<i>Sayornis nigricans</i>	Passeriformes	Tyrannidae
Say's Phoebe	<i>Sayornis saya</i>	Passeriformes	Tyrannidae
Western Kingbird	<i>Tyrannus verticalis</i>	Passeriformes	Tyrannidae
Cassin's Kingbird	<i>Tyrannus vociferans</i>	Passeriformes	Tyrannidae
Least Bell's Vireo	<i>Vireo bellii pusillus</i>	Passeriformes	Vireonidae
Cassin's Vireo	<i>Vireo cassinii</i>	Passeriformes	Vireonidae
Warbling Vireo	<i>Vireo gilvus</i>	Passeriformes	Vireonidae
Great Egret	<i>Ardea alba</i>	Pelecaniformes	Ardeidae
Green Heron	<i>Butorides virescens</i>	Pelecaniformes	Ardeidae
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	Pelecaniformes	Ardeidae
White-faced Ibis	<i>Plegadis chihi</i>	Pelecaniformes	Threskiornithidae
Nuttall's Woodpecker	<i>Picoides nuttallii</i>	Piciformes	Picidae
Downy Woodpecker	<i>Picoides pubescens</i>	Piciformes	Picidae
<b>Mammals</b>			
Mule Deer	<i>Odocoileus hemionus</i>	Artiodactyla	Cervidae
Desert Cottontail	<i>Sylvilagus audubonii</i>	Lagomorpha	Leporidae
California Ground Squirrel	<i>Spermophilus beecheyi</i>	Rodentia	Sciuridae





**APPENDIX A**

**WILDLIFE SPECIES DETECTED  
DURING ALL SURVEYS**



## Appendix A Species Observations

Common Name	Scientific Name	Order	Family
<b>Invertebrates</b>			
White Checkered-Skipper	<i>Pyrgus albescens</i>	Lepidoptera	Hesperiidae
West Coast Lady	<i>Vanessa annabella</i>	Lepidoptera	Nymphalidae
Western Tiger Swallowtail	<i>Papilio rutulus</i>	Lepidoptera	Papilionidae
Checkered White	<i>Pontia protodice</i>	Lepidoptera	Pieridae
<b>Reptiles &amp; Amphibians</b>			
Western Fence Lizard	<i>Sceloporus occidentalis</i>	Squamata	Phrynosomatidae
Granite Spiny Lizard	<i>Sceloporus orcutti</i>	Squamata	Phrynosomatidae
<b>Avian</b>			
Red-tailed Hawk	<i>Buteo jamaicensis</i>	Accipitriformes	Accipitridae
Mallard	<i>Anas platyrhynchos</i>	Anseriformes	Anatidae
Canada Goose	<i>Branta canadensis</i>	Anseriformes	Anatidae
Black-chinned Hummingbird	<i>Archilochus alexandri</i>	Apodiformes	Trochilidae
Anna's Hummingbird	<i>Calypte anna</i>	Apodiformes	Trochilidae
Costa's Hummingbird	<i>Calypte costae</i>	Apodiformes	Trochilidae
Eurasian Collared-Dove	<i>Streptopelia decaocto</i>	Columbiformes	Columbidae
Mourning Dove	<i>Zenaida macroura</i>	Columbiformes	Columbidae
Greater Roadrunner	<i>Geococcyx californianus</i>	Cuculiformes	Cuculidae
American Kestrel	<i>Falco sparverius</i>	Falconiformes	Falconidae
Bushtit	<i>Psaltiriparus minimus</i>	Passeriformes	Aegithalidae
California Horned Lark	<i>Eremophila alpestris actia</i>	Passeriformes	Alaudidae
Lazuli Bunting	<i>Passerina amoena</i>	Passeriformes	Cardinalidae
Blue Grosbeak	<i>Passerina caerulea</i>	Passeriformes	Cardinalidae
Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>	Passeriformes	Cardinalidae
American Crow	<i>Corvus brachyrhynchos</i>	Passeriformes	Corvidae
Common Raven	<i>Corvus corax</i>	Passeriformes	Corvidae

Common Name	Scientific Name	Order	Family
Lark Sparrow	<i>Chondestes grammacus</i>	Passeriformes	Emberizidae
Song Sparrow	<i>Melospiza melodia</i>	Passeriformes	Emberizidae
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House Finch	<i>Haemorhous mexicanus</i>	Passeriformes	Fringillidae
Lawrence's Goldfinch	<i>Spinus lawrencei</i>	Passeriformes	Fringillidae
Lesser Goldfinch	<i>Spinus psaltria</i>	Passeriformes	Fringillidae
American Goldfinch	<i>Spinus tristis</i>	Passeriformes	Fringillidae
Barn Swallow	<i>Hirundo rustica</i>	Passeriformes	Hirundinidae
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	Passeriformes	Hirundinidae
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	Passeriformes	Hirundinidae
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	Passeriformes	Icteridae
Tricolored Blackbird	<i>Agelaius tricolor</i>	Passeriformes	Icteridae
Bullock's Oriole	<i>Icterus bullockii</i>	Passeriformes	Icteridae
Hooded Oriole	<i>Icterus cucullatus</i>	Passeriformes	Icteridae
Brown-headed Cowbird	<i>Molothrus ater</i>	Passeriformes	Icteridae
Western Meadowlark	<i>Sturnella neglecta</i>	Passeriformes	Icteridae
Northern Mockingbird	<i>Mimus polyglottos</i>	Passeriformes	Mimidae
California Thrasher	<i>Toxostoma redivivum</i>	Passeriformes	Mimidae
Wilson's Warbler	<i>Cardellina pusilla</i>	Passeriformes	Parulidae
MacGillivray's Warbler	<i>Geothlypis tolmiei</i>	Passeriformes	Parulidae
Common Yellowthroat	<i>Geothlypis trichas</i>	Passeriformes	Parulidae
Orange-crowned Warbler	<i>Oreothlypis celata</i>	Passeriformes	Parulidae
Yellow Warbler	<i>Setophaga petechia brewsteri</i>	Passeriformes	Parulidae
Bewick's Wren	<i>Thryomanes bewickii</i>	Passeriformes	Troglodytidae
House Wren	<i>Troglodytes aedon</i>	Passeriformes	Troglodytidae
Swainson's Thrush	<i>Catharus ustulatus</i>	Passeriformes	Turdidae
Western Bluebird	<i>Sialia mexicana</i>	Passeriformes	Turdidae
Western Wood-Pewee	<i>Contopus sordidulus</i>	Passeriformes	Tyrannidae



Common Name	Scientific Name	Order	Family
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Dusky Flycatcher	<i>Empidonax oberholseri</i>	Passeriformes	Tyrannidae
Willow Flycatcher	<i>Empidonax traillii</i>	Passeriformes	Tyrannidae
Ash-throated Flycatcher	<i>Myiarchus cinerascens</i>	Passeriformes	Tyrannidae
Black Phoebe	<i>Sayornis nigricans</i>	Passeriformes	Tyrannidae
Say's Phoebe	<i>Sayornis saya</i>	Passeriformes	Tyrannidae
Western Kingbird	<i>Tyrannus verticalis</i>	Passeriformes	Tyrannidae
Cassin's Kingbird	<i>Tyrannus vociferans</i>	Passeriformes	Tyrannidae
Least Bell's Vireo	<i>Vireo bellii pusillus</i>	Passeriformes	Vireonidae
Cassin's Vireo	<i>Vireo cassinii</i>	Passeriformes	Vireonidae
Warbling Vireo	<i>Vireo gilvus</i>	Passeriformes	Vireonidae
Great Egret	<i>Ardea alba</i>	Pelecaniformes	Ardeidae
Green Heron	<i>Butorides virescens</i>	Pelecaniformes	Ardeidae
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	Pelecaniformes	Ardeidae
White-faced Ibis	<i>Plegadis chihi</i>	Pelecaniformes	Threskiornithidae
Nuttall's Woodpecker	<i>Picoides nuttallii</i>	Piciformes	Picidae
Downy Woodpecker	<i>Picoides pubescens</i>	Piciformes	Picidae
<b>Mammals</b>			
Mule Deer	<i>Odocoileus hemionus</i>	Artiodactyla	Cervidae
Desert Cottontail	<i>Sylvilagus audubonii</i>	Lagomorpha	Leporidae
California Ground Squirrel	<i>Spermophilus beecheyi</i>	Rodentia	Sciuridae



## **APPENDIX L**

### **2014 SMALL MAMMAL SURVEY REPORT**





# SJM BIOLOGICAL CONSULTANTS

1 August 2014 – Version 3 (Final)

SJMBC Project 889

Barbra Calantas  
AECOM  
1420 Kettner Boulevard, Suite 500  
San Diego, CA 92101

**SUBJECT: Habitat assessment and follow-up presence/absence trapping survey for Stephens' kangaroo rat and Los Angeles pocket mouse along the Proposed Valley South 115 kV Subtransmission Project, Riverside County, California**

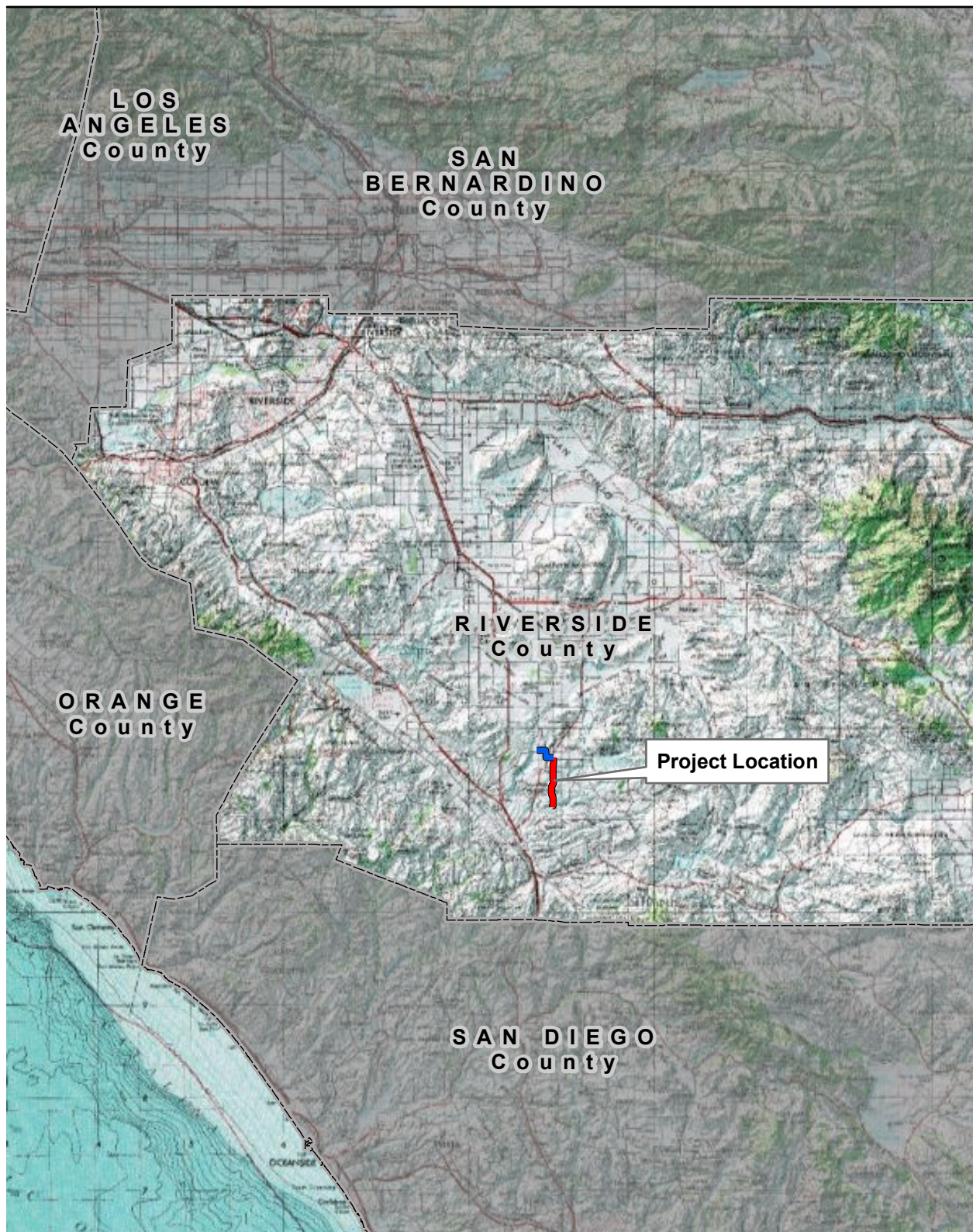
Dear Ms. Calantas:

The following is a report detailing the results of a habitat assessment and follow-up presence/absence trapping survey for two primary target species—the federally endangered Stephens' kangaroo rat (*Dipodomys stephensi*) (SKR) and the California sensitive (California Species of Special Concern [CSC]) Los Angeles pocket mouse (*Perognathus longimembris brevinasus*) (LAPM)—along the Valley South 115 kV Subtransmission Project (Proposed Project), located in Riverside County, California (Figures 1 and 2). The initial habitat assessment was conducted to identify areas exhibiting habitat conditions potentially suitable for one or both target species, and where SKR sign was observed. A follow-up trapping survey was then conducted at locations exhibiting any potential to harbor either or both target species. The habitat assessment and trapping survey were conducted by Stephen J. Montgomery, who is authorized to trap and handle SKR and LAPM under U.S. Fish and Wildlife Service (USFWS) Threatened and Endangered permit #TE745541-10, a California Department of Fish and Wildlife (CDFW) Memorandum of Understanding (MOU) and CDFW Scientific Collecting Permit 1890.

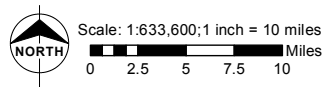
## BACKGROUND

### Project Description

The Valley South Subtransmission Project consists of two Segments that are approximately 15.4 miles in total length, located within unincorporated Riverside County and the cities of Menifee, Murrieta, and Temecula. An analysis of biological resources for Segment 1 of the Proposed Project and Alternative Project was conducted previously; this report focuses on surveys conducted for Segment 2.



Source: ESRI 2014; USGS 7.5' Topographic Quadrangle Murrieta, CA 1980, Bachelor Mountain, CA 1978

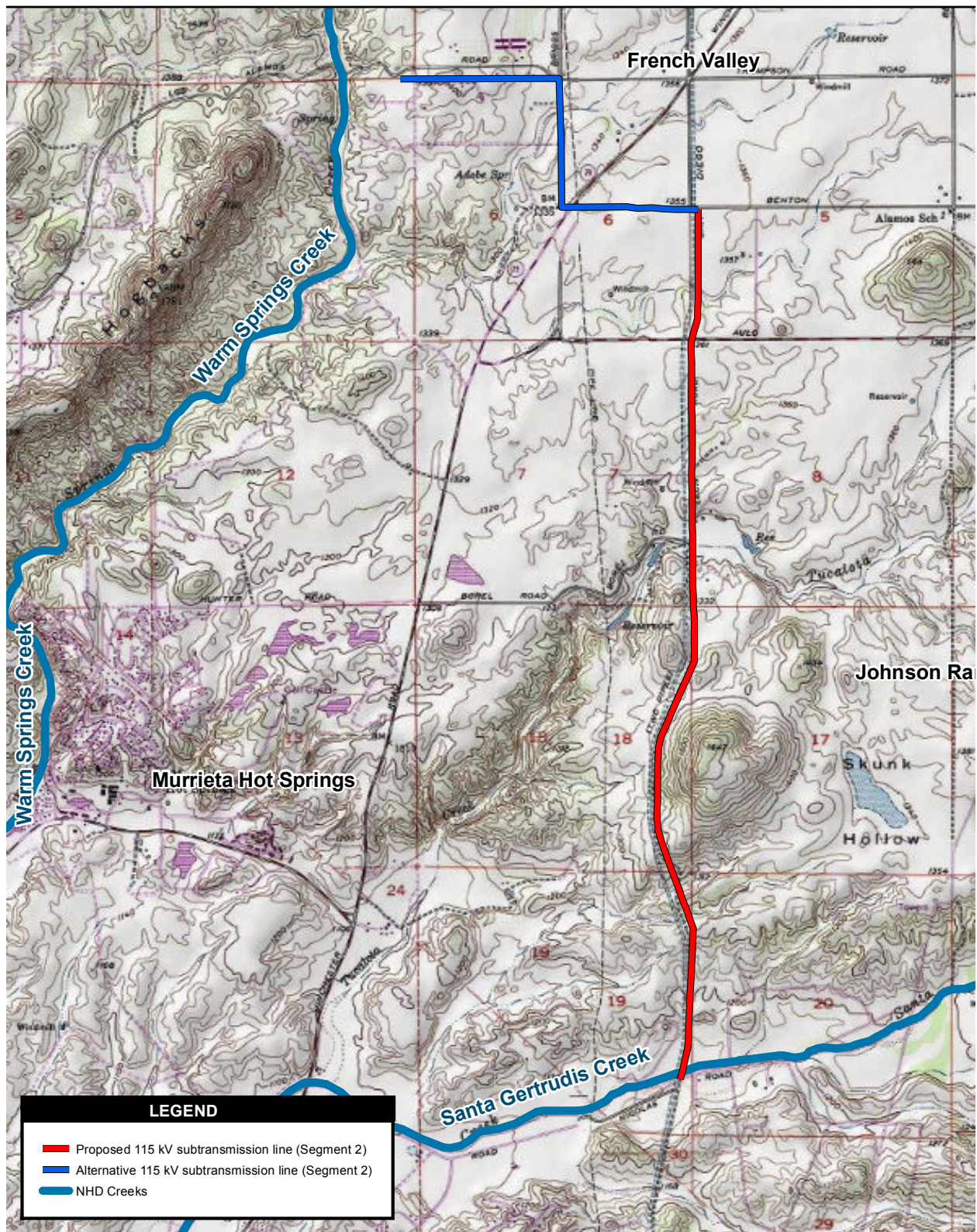


**Figure 1**  
**Regional Map**

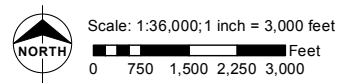
## Valley South 115 kV Subtransmission Project Small Mammal Survey Report

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Source: ESRI 2014; USGS 7.5' Topographic Quadrangle Murrieta, CA 1980, Bachelor Mountain, CA 1978



**Figure 2**  
**Vicinity Map**

## Valley South 115kV Subtransmission Project Small Mammal Survey Report

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Project activities associated with Segment 2 involve reconductoring a section of the existing Valley-Auld-Triton 115 kV Subtransmission Line. Segment 2 would cross through unincorporated Riverside County and the City of Temecula and traverse a variety of habitat types, including heavily cultivated fields, horticultural landscapes adjacent to residential tracts, rural yards, otherwise historically disturbed lands, stands of heavily to partly disturbed sage scrub vegetation, and the narrow sandy wash at Santa Gertrudis Creek immediately north of Nicolas Road. Segment 2 is divided into the Proposed and Alternative Project.

Segment 2 of the Proposed Project begins at the tubular steel pole (TSP) located at the southeast corner of Leon Road and Benton Road and continues southerly to the existing Terminal TSP located on the south side of Nicolas Road, for a total of 3.4 miles.

Segment 2 of the Alternative Project would begin at an existing TSP located east of Auld 115/12 kV Substation and would parallel Los Alamos Road for approximately 0.5 mile until it reaches Briggs Road where it would turn south and continue for approximately 0.5 of a mile. It would then span State Route 79 in an easterly direction and parallel Benton Road before merging with Segment 2 of the Proposed Project. At this location, Segment 2 of the Alternative Project would follow the same 3.4 mile route as Segment 2 of the Proposed Project, for a total of 5 miles. To avoid repeating impacts along the shared 3.4 mile portion of Segment 2, the discussion specific to Segment 2 of the Alternative Project will focus on the unique 1.6-mile portion from Auld Substation to the intersection of Leon Road and Benton Road.

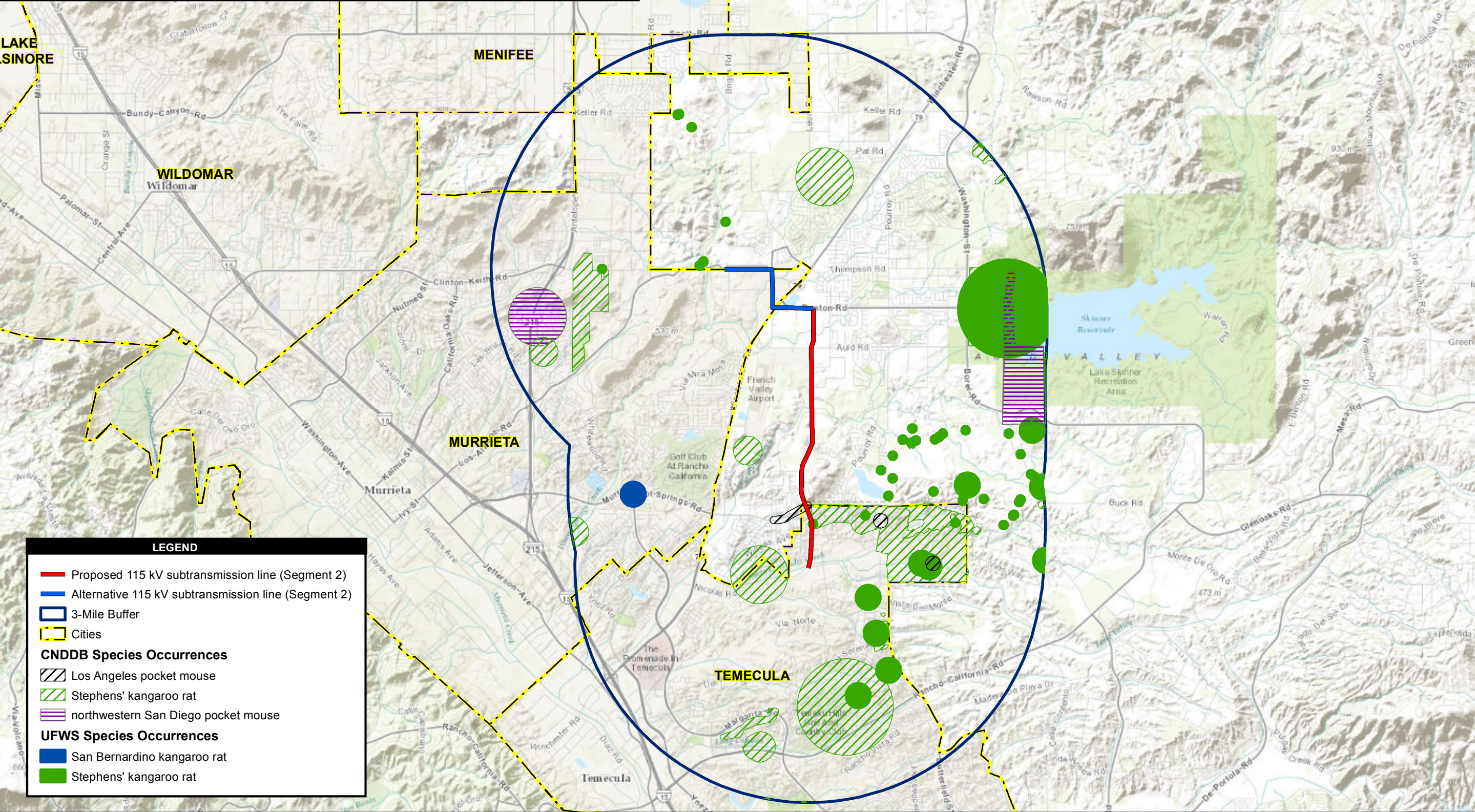
A discussion of existing information on small mammal species and results of surveys will be discussed for Segment 2 in reference to the Proposed Project and Segment 2 of the Alternative Project throughout this report.

## **Existing Information**

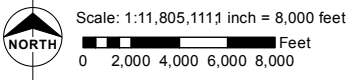
### **Segment 2 of the Proposed Project**

Segment 2 of the Proposed Project occurs within a portion of Riverside County known to harbor both target species in appropriate areas and habitats. Current California Natural Diversity Database (CNDDB) and Carlsbad U.S. Fish and Wildlife Service (USFWS) species maps (Figure 3) show confirmed locations with SKR and LAPM in the general region of Segment 2 of the Proposed Project. The Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) (Dudek, 2003) identified the areas of French Valley, Murrieta Hot Springs, Temecula Creek, and Warm Springs Creek, located directly west of the southern end of Segment 2, as harboring important populations of LAPM. LAPM is known to have occurred immediately north and south of Santa Gertrudis Creek, approximately 1 mile east of Segment 2 of the Proposed Project (Montgomery, 1994), and in the area of Warm Springs Creek immediately east of Interstate 15 (I-215), approximately 3.5 miles west of Segment 2 of the Proposed Project (Montgomery and Davenport, 2005a). CNDDB records indicate this pocket mouse also occurred along Murrieta Hot Springs road, within and immediately westward of Segment 2 of the Proposed Project. However, this area is now developed into dense residential housing for a distance of ½ mile west of the Project, and beyond that undeveloped lands have been scraped and exhibit no potential for LAPM.





Source: ESRI 2014; CNDDDB 2014; USFWS 2013



**Figure 3**  
**Existing Data for Special Status Mammals**



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CNDDDB and USFWS capture records show numerous locations with SKR at varying distances from Segment 2 of the Proposed Project (Figure 3). O'Farrell and Uptain (1989) captured SKR in various locations in proximity to Segment 2 of the Proposed Project, and Montgomery (2012) recently reconfirmed the presence of populations of SKR that were discovered during an earlier field survey for this species on the Johnson Ranch, approximately 1 mile east of the Segment 2 of the Proposed Project.

Considering the known populations of both target species that have been identified in the vicinity of the Proposed Project, one or both species had a potential to occur within the boundaries of this area. Other California sensitive rodent species with a potential to occur within this area had a potential to be captured incidental to the trapping survey for SKR and LAPM.

### Segment 2 of the Alternative Project

The potential for SKR to occur in Segment 2 of the Alternative Project is similar to that described above for the Proposed Project. That is, this kangaroo rat is known from numerous localities in the general vicinity. More specifically, USFWS records for this species occur in close proximity to the west of the western end of the Alternative Project, with other records occurring farther to the north and west. No records for LAPM occur in close proximity to Segment 2 of the Alternative Project. Due to the preponderance of heavily disturbed habitats in the Alternative Project, the likelihood of LAPM appears to be very low to nonexistent.

### **Stephens' Kangaroo Rat Habitat**

Preferred habitat for SKR consists of level to gently rolling topography, substrates characterized as loams (of considerable diversity), and disturbed annual grassland or sparse sage scrub vegetation types. However, the species has also been captured in steep terrain, occasionally in sandier substrates, and even in relatively dense sage scrub and chaparral vegetation. Nonetheless, when the species occurs in the latter unusual habitat types, more preferred habitat conditions are present nearby (Montgomery, 2014; USFWS, 1997). SKR often occurs along dirt roads in occupied areas, and field searches for this species often focus on such open areas where vegetation cover is low and sign is more visible. Also, the SKR is known on regular occasion to occur sympatrically with the similarly sized non-endangered *Dipodomys deserti* kangaroo rat (*D. simulans*) (DKR).

### **Los Angeles Pocket Mouse Habitat**

The preferred habitat of LAPM has not been thoroughly defined. However, typical sites for this species occur in alluvial systems exhibiting fine sandy soils, or in areas immediately adjacent to such habitats; for example, in the San Jacinto River system (Dudek, 2003; Montgomery, 2013a), and Long Canyon and just south of Skunk Hollow in Rancho California (Montgomery, 1994). Nonetheless, LAPM also has been captured a considerable distance from distinctly sandy soil habitats, such as in the San Jacinto Wildlife Area and at March Air Force Base (Montgomery, 2014), as well as near Double Butte County Park (Montgomery and Davenport, 2005b). Records show that this species typically occurs in level to gently sloping alluvial terrain. However, it was recently captured in good numbers in moderately sloping moderately rocky terrain at the base of the San Gabriel Mountains in Ranch Cucamonga, California (Montgomery 2011). Vegetation

types in which this species has been found range from stands of alluvial fan sage scrub and coastal sage scrub to open to dense disturbed grasslands (e.g., Montgomery, 2013b; Montgomery and Davenport, 2005a, 2005b; Montgomery, 2009).

## **METHODS**

### **Habitat Assessment**

A preliminary habitat assessment for both target species was conducted for Segment 2 of the Proposed and Alternative Projects between March 23 and 29, 2014 during a period of mild weather highly suitable for searches for small mammal sign (Table 1). During the assessment, all sections of Segment 2 of the Proposed Project were covered on foot and by vehicle in search of habitat conditions and/or diagnostic signs of the two target species. In addition to the habitat preferences described above for each target species, habitat areas with a potential for SKR also could include recently uncultivated/un-disked disturbed annual grasslands and stands of sparse sage scrub vegetation. Thus, a search for diagnostic kangaroo rat sign encompassed all such areas, including road edges adjacent to cultivated/disked fields.

The assessment identified areas exhibiting diagnostic signs such as scat, tracks, and burrows potentially created by SKR. However, since the DKR also is known to inhabit the general region of Segment 2 of the Proposed Project, trapping studies were required to confirm the identity of the species of kangaroo rat responsible for the observed sign.

LAPM sign is difficult to confirm in the field, except on occasion in fine sandy soils where its small-diameter burrows are evident during the spring and summer (Montgomery, 2013b). Thus, surveys to confirm presence/absence of this species were initially based on the presence of generally suitable habitat conditions and invariably required trapping. It was expected that areas with open sage scrub habitat generally suitable for SKR and where trapping was conducted for SKR also would detect any LAPM populations possibly occupying such suboptimal habitats.

Since some areas were so heavily disturbed, and/or exhibited highly compacted soils, and/or exhibited no sign of kangaroo rats whatsoever, such locations were not included in the group of final habitat areas selected for trapping for SKR. Although SKR and LAPM can tolerate a certain amount of substrate disturbance, there are limits beyond which both species cannot tolerate.

Following the habitat assessment, the trapping survey was planned for May 2014 during a time when LAPM would be active above ground, and thus when both target species would be optimally detectable.

### **Trapping Survey**

The standard protocol trapping survey for small mammals in Riverside County requires five consecutive nights with traps left in the same locations as originally placed, unless a target species is captured prior to the fifth night. This general methodology was followed for the current field survey for Segment 2 of the Proposed and Alternative Projects. Two trapping sessions were conducted, the first from May 1, 2014 to May 6, 2014 (five trap nights) and the



**Table 1. Summary of General Habitat Conditions at the Eight Trap Lines for Segment 2 of the Proposed Project and of the Alternative Project**

<b>Trap Line (Area)</b>	<b>Segment 2 Area</b>	<b>Topography</b>	<b>General Vegetation</b>	<b>Soils</b>	<b><u>Species Targeted</u>+ Other Important Habitat Features</b>
1 Proposed	Project	Level	Minimal – Generally open sandy wash with dense buckwheat scrub along edges of wash plus scattered mulefat	Sandy wash – Santa Gertrudis Creek	<b><u>LAPM</u></b> None in particular
2 Proposed	Project	Level to gently sloping	Open to moderately dense buckwheat scrub	Loams with some small areas of sand deposition from erosional deposition	<b><u>LAPM, Possibly SKR</u></b> Abundant dirt roads
3	Proposed Project	Gently sloping	Variable – Disturbed annual grassland in southern portion, patches of open to moderately dense buckwheat scrub in northern portion	Generally loamy-clay in southern portion and loamy in northern portion	<b><u>SKR and LAPM</u></b> Abundant dirt roads/trails
4 Proposed	Project	Level to gently sloping	Variable – Narrow strip of buckwheat scrub and ruderal species along easterly road, and unvegetated disked field and buckwheat scrub at westerly habitat patch	Loams, with some deposits of sand along road edge	<b><u>SKR, LAPM low potential</u></b> Dirt road and walking trail in the east, and recently disked fields to the west
5 Proposed	Project	Level to gently sloping throughout most of the area, steep to the east	Open to very dense buckwheat scrub patches with some California sagebrush	Loams	<b><u>SKR, possibly LAPM</u></b> Abundant dirt roads and open areas; patches of scrub often divided by dirt trails
6 Proposed	Project	Steep	Open to moderately dense buckwheat and California sagebrush scrub	Loams	<b><u>LAPM</u></b> Dirt road traverses the eastern part of the area

Trap Line (Area)	Segment 2 Area	Topography	General Vegetation	Soils	Species Targeted+ Other Important Habitat Features
7 Proposed	Project	Level to gently sloping	Open to moderately dense buckwheat scrub	Loams	<b><u>LAPM, possibly SKR</u></b> Abundant open ground (trails) between shrubs in most locations
8 Alternative	Project	Level	Ruderal disturbed annual grassland	Loams	<b><u>SKR</u></b> Heavily disturbed ground along dirt road, with rural residences and fields to north and south; fenced heavily grazed/ scraped(?) pasture to south may have scattered SKR

second from May 9, 2014 to May 14, 2014 (five trap nights). Trapping in the northern portion of Segment 2 of the Alternative Project was conducted only during the second trapping session, whereas trapping in Segment 2 of the Proposed Project was conducted during the first and second trapping sessions.

Trap lines using 12-inch collapsible Sherman live-traps were set out in the eight Trapping Areas selected for sampling. Specific trap line locations varied in length and configuration with the habitat conditions and, for SKR, available sign. Trap spacing ranged from approximately 7-10 meters and also depended on the habitat conditions at each trap line location. Some Trapping Areas contained several trap lines (e.g., see Figures 4 and 5); however, for reporting purposes, such multiple-line areas were grouped and named as single trap lines in this document as well as in Tables 2 and 3 and Figures 4 and 5. Traps were set and baited in the late afternoon, checked near midnight, and then checked again the subsequent morning, at which time they were closed. All captured animals were identified to species and released where captured. Animals were not marked, as the primary objective of the survey was to identify areas as occupied/unoccupied by SKR and LAPM (i.e., presence/absence). Global Positioning System (GPS) coordinates (NAD83 UTM) were recorded at each capture point for all special status species. Locations for non-sensitive species were not recorded, but all species captured were recorded.

This trapping survey comprised a sampling program in the most suitable available habitat stands for each target species, and did not attempt to heavily cover the entirety of all potentially occupied habitats with traps. Such a sampling approach is common in such trapping surveys, and is based on the concept that if a species is present in an area, it will be active and caught in traps set in locations exhibiting the highest-quality habitat conditions in that area. Furthermore, traps set in potentially occupied SKR habitat were with few exceptions set in locations exhibiting scat or other diagnostic sign, rather than in a systematic grid pattern that would naturally encompass both optimal and suboptimal habitat conditions. Thus, the objective was to optimize the likelihood of capturing each target species.

In contrast to the approach used to trap for SKR, and since sign of LAPM is typically very difficult if not impossible to discern in most habitat types, trapping for this species was based on the presence of appropriate habitat conditions and not diagnostic sign.

## **RESULTS**

It should be noted that there were areas along Segment 2 of the Proposed Project and along Segment 2 of the Alternative Project that were not accessible due to sensitive landowner issues. These included whole properties owned by particular individuals as well as any fields along these project areas that were fenced. These areas were not covered in the habitat assessment or trapped due to lack of permission for access. The primary properties without access are shown in Figures 4 and 5. The results of the habitat assessment and the trapping survey are provided below.

### **Habitat Assessment**

Weather conditions during the habitat assessment were generally moderate and ideal for searching for sign of small mammals (Table 2).

**Table 2. Representative Weather Conditions during the Habitat Assessment for Segment 2 of the Proposed and Alternative Projects (March 2014)**

Date	Air Temp. (°F)	Wind Speed (mph)	Cloud Cover (%)
3/23/2014 78		3–7	35
3/25/2014 60		2–4	100
3/27/2014 70		2–5	75
3/28/2014 75		2–5	95
3/29/2014 85		2–4	100

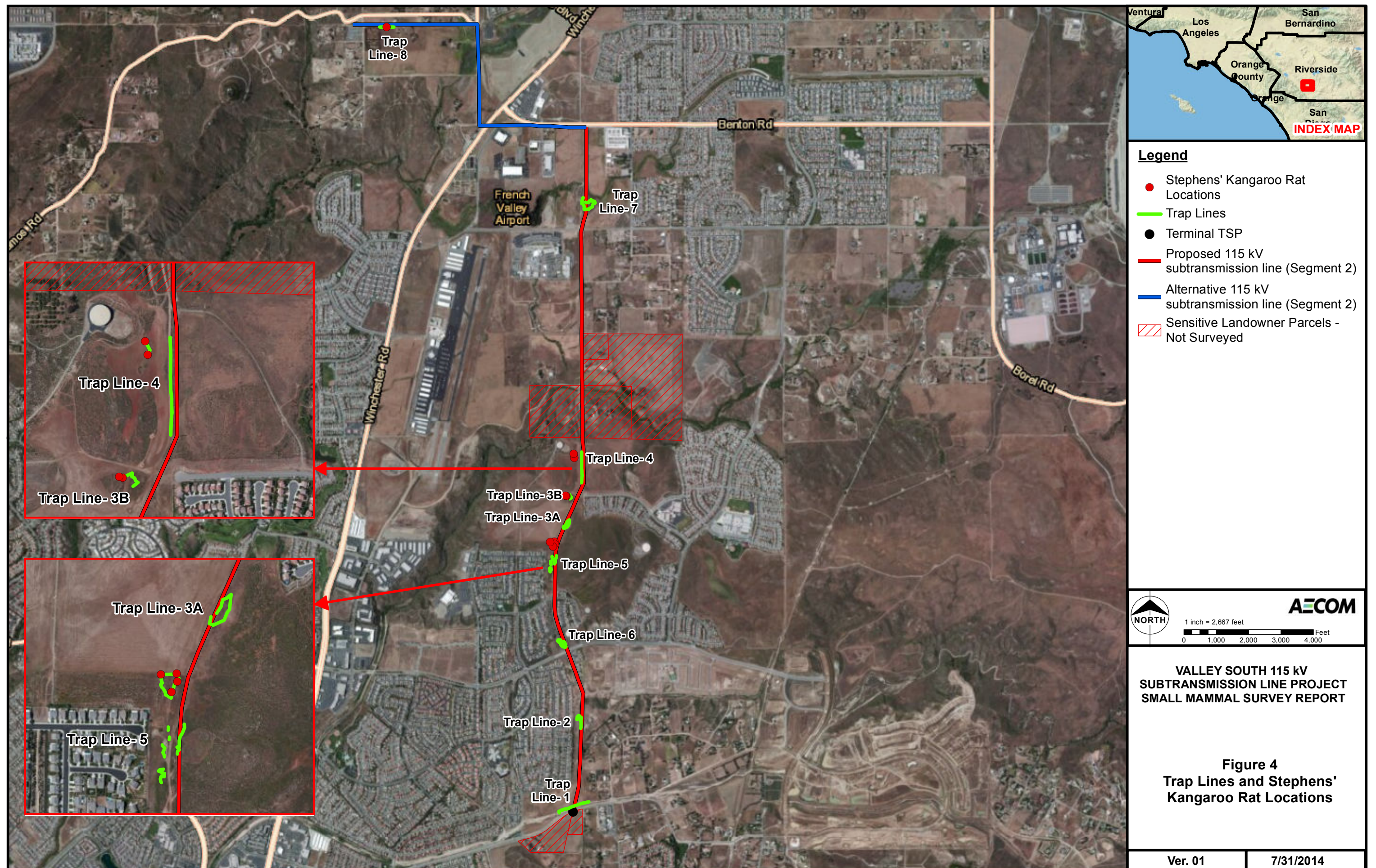
### Segment 2 of the Proposed Project

Much of the Segment 2 of the Proposed Project area exhibits heavy disturbance from road grading, previous installation of water lines, cultivation, and/or other human disturbances. Such disturbed conditions naturally are for the most part sub-optimal for both target species.

Scattered patches of grassland and scrub habitat in level to gently sloping terrain, constituting generally suitable habitat for SKR and possibly suitable for LAPM, were present in Segment 2 of the Proposed Project. The size and quality of each of these habitat patches varied greatly with the history of disturbance activities in the specific area. However, all exhibited conditions that could harbor SKR and possibly LAPM, and in several cases these sites exhibited obvious kangaroo rat sign. Specifically, the habitat assessment revealed seven locations (1-7) (hereafter “Trapping Areas”) in Segment 2 of the Proposed Project that exhibited habitat conditions at least somewhat suitable for, and therefore potentially occupied by, SKR and/or LAPM; and these locations were selected for subsequent trapping surveys (Figures 4 and 5). Table 1 summarizes the conditions at each of these seven Trapping Areas and includes the species with a potential to occur at each location. Appendix A presents photographs of Trapping Areas 1-7.

SKR are known to sometimes be able to survive at very low population levels for extended periods in heavily disturbed habitats; thus the habitat assessment necessarily had to consider small patches of reasonably good habitat for this species as potentially occupied. As mentioned previously, the variation in habitat requirements for LAPM are not well defined, but due to the disturbed and fragmented nature of potentially suitable habitats in Segment 2 of the Proposed Project, the likelihood of LAPM presence appeared to be low. The location with the highest likelihood for LAPM was considered to be the stretch of the sandy Santa Gertrudis Creek at the southern end of Segment 2 of the Proposed Project, although this area also appeared to be unlikely to yield the species due to (a) the narrow aspect of the creek in this area, which would make it vulnerable to flooding during periods of heavy rainfall/runoff; (b) the long-term intensive disturbance in immediately adjacent lands; and (c) the considerable distance to previously identified potential source populations to the east (Figure 3). Somewhat less-disturbed stands of sage scrub vegetation or grassland habitat in other sections of Segment 2 of the Proposed Project also were considered potentially occupied by this pocket mouse.

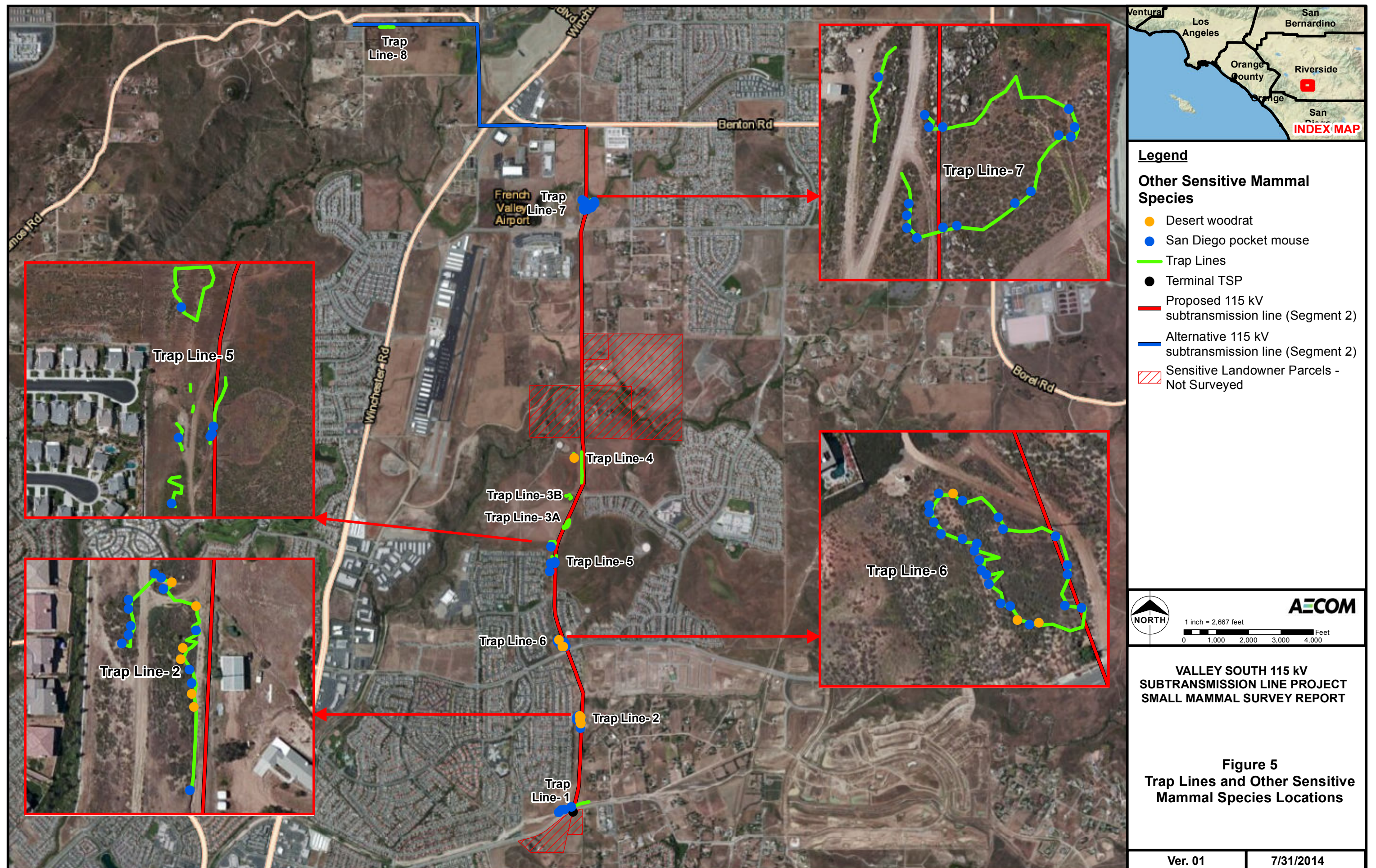






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## Segment 2 of the Alternative Project

Much of the Segment 2 of the Alternative Project area exhibits heavy disturbance from road grading, previous installation of water lines, cultivation, development and/or other intensive human disturbances. Such disturbed conditions naturally are for the most part sub-optimal for both target species.

Segment 2 of the Alternative Project exhibited a few locations with very low quality potentially suitable open disturbed grassland SKR habitat. As a result, the visibility of the ground was high, the search for kangaroo rat sign was easy and it was determined that kangaroo rats were only present in the extreme northwestern section of the Alternative Project in Trapping Area 8 (Figures 4 and 5). Appendix A contains photographs of Trapping Area 8.

The generally heavy disturbance throughout Segment 2 of the Alternative Project, as well as the scarcity of potential sandy substrates and/or stands of sufficiently undisturbed grassland or sage scrub vegetation potentially suitable for LAPM, presented conditions that are unsuitable for LAPM. Furthermore, no signs of the small burrows typical of LAPM were observed in grassland or sage scrub areas. Thus, field conditions indicated that there was no potential for this pocket mouse to occur in Segment 2 of the Alternative Project.

## **Trapping Survey**

Weather conditions during the trapping survey were generally mild and ideal for small mammal trapping (Table 3).

## Segment 2 of the Proposed Project

Eight rodent species were captured during the two trapping sessions at the eight locations in Segment 2 of the Proposed Project area (Tables 4 and 5). No LAPM were captured during the survey. Seventeen (17) SKR captures were recorded at three locations in this area (Trap Lines 3, 4, 5) (Figures 4 and 5; Tables 4 and 5).

Two additional sensitive species the San Diego desert woodrat (*Neotoma bryanti intermedia*) (captured at Trap Lines 2, 4, and 6) and the northwestern San Diego pocket mouse (*Chaetodipus fallax fallax*) (captured at Trap Lines 1, 2, 5, 6, and 7) were incidentally captured during the trapping for SKR and LAPM (Tables 4 and 5; Figures 4 and 5). Capture locations for all sensitive species were GPS'd

Five other rodent species were captured during the 10 nights of trapping at the eight trapping locations, including: Dulzura kangaroo rat (*Dipodomys simulans*), deer mouse (*Peromyscus maniculatus*), Baja mouse (*Peromyscus fraterculus*), big-eared woodrat (*Neotoma macrotis*), and western harvest mouse (*Reithrodontomys megalotis*) (Table 4).

Trapping at Trap Lines 3, 4, and 5 continued after initial SKR captures on nights 3, 4, and 1, respectively. Trapping continued at these three locations to continue the search for LAPM for the full five nights, due to habitat conditions at these sites that were at least somewhat suitable for

LAPM. Trapping at the remaining locations not yielding SKR also continued for the full 5-night protocol trapping period for similar reasons.

### Segment 2 of the Alternative Project

Two rodent species were captured at the only trapping Area in Segment 2 of the Alternative Project. A single SKR captured on night two of the trapping survey at this site confirmed this endangered species as the kangaroo rat responsible for the observed sign at this location. Also captured were the ubiquitous deer mouse (Tables 4 and 5; Figures 4 and 5).

Trapping was terminated at Trap Line 8 when an SKR was captured on the second night of trapping. Additional nights of trapping were considered pointless at this location, since sign of kangaroo rat activity was very uncommon at this location, the area of potentially occupied habitat was very limited, and additional trapping would only have yielded at most one or two additional individuals of SKR. Furthermore, there was no potential for occurrence of LAPM due to generally low quality habitat conditions for this species and overall heavy levels of disturbance.

**Table 3 Representative Weather Conditions during the Small Mammal Trapping Survey for Segment 2 of the Proposed and Alternative Projects (May 2014)**

Date	Air Temp. (°F)	Wind Speed (mph)	Cloud Cover (%)
5/1/2014 90		2–5	60
5/2/2014 58		0–2	0
	93	2–5	0
5/3/2014	57	0–2	0
	88	2–5	10
5/4/2014	55	0–2	0
	85	3–8	50
5/5/2014	55	0–3	100
	68	5–8	20
5/6/2014	55	0–3	85
5/9/2014	75	2–7	0
5/10/2014	59	0–2	100
	60	2–10	70
5/11/2014	55	0–2	0
	78	3–8	0
5/12/2014	55	0	1–3
	80	2–5	0
5/13/2014 59		0–3	0
	78	5–8	0
5/14/2014 60		0–2	0



**Table 4 Trap Results for Segment 2 of the Proposed Project and Alternative Projects,  
for the Valley South 115 kV Subtransmission Project (May 2014)**

Date	Trap Line Location	Segment 2 Area	Number of Traps Set	Species Captured*								GPS Numbers at Capture Locations (only provided for sensitive species and DKR)**
				SKR	DKR	SDPM	DM	BM	DWR	BEWR	WHM	
5/2/2014	1	Proposed Project	35			3	2					417, 424, 421
							1					
	2	Proposed Project	33			6						453, 451, 450, 433, 440, 447
									1			427
	3	Proposed Project	26				8					
					2							464, 465
	4	Proposed Project	22		2		8					
												360, 472
5/3/2014	1	Proposed Project	35				2				1	
						1						416
	2	Proposed Project	33			6	2					454, 452, 450, 447, 429, 434
									2			427, 432
	3	Proposed Project	26				7					
				1								364
	4	Proposed Project	22		1		4					472
									1			366
5/3/2014	5	Proposed Project	55				8					
					1							347

Date	Trap Line Location	Segment 2 Area	Number of Traps Set	Species Captured*								GPS Numbers at Capture Locations (only provided for sensitive species and DKR)**
				SKR	DKR	SDPM	DM	BM	DWR	BEWR	WHM	
				4								351, 485, 474
						1						474
5/4/2014	1	Proposed Project	35				1					
						1						401
	2	Proposed Project	33				2					
						5						452, 456, 449, 450, 433
									2			448, 432
	3	Proposed Project	26				9					
					3							463, 354
	4	Proposed Project	22				11					
					1							472
	5	Proposed Project	55				6					
					1							457
				3								351, 474, 485
5/5/2014	1	Proposed Project	35			1						411
	2	Proposed Project	33				1					
						2						452, 450
									2			431, 442
	3	Proposed Project	26				3					
	4	Proposed Project	22				4					
				1								506
	5	Proposed Project	55				4					
					2							499, 483
						5						501, 494, 493, 492, 347
				2								485
5/6/2014 1		Proposed Project	35				1					

Date	Trap Line Location	Segment 2 Area	Number of Traps Set	Species Captured*								GPS Numbers at Capture Locations (only provided for sensitive species and DKR)**
				SKR	DKR	SDPM	DM	BM	DWR	BEWR	WHM	
	2	Proposed Project	33				4			1		
						4						452, 437, 428, 450
									1			435
	3	Proposed Project	26				2					
				1								460
	4	Proposed Project	22				5					
				1								366
	5	Proposed Project	55				6					
						7						498, 502, 493, 494, 492, 491, 489
					2							499, 483
				3								474, 485
5/10/2014	6	Proposed Project	38					1				
						6						528, 529, 544, 545, 547, 550
	7	Proposed Project	40			4						568, 579, 580, 564
	8	Alternative Project	11	NO CAPTURES								
5/11/2014	6	Proposed Project	38			10						528, 529, 536, 541, 546, 548, 549, 598, 552, 594
									1			591
	7	Proposed Project	40				2					
						7						569, 578, 579, 580, 600, 601, 605
	8	Alternative Project	11				2					
				1								613 – traps picked up
5/12/2014	6	Proposed Project	38			6						529, 534, 545, 546, 548, 550, 597, 557, 595, 593

Date	Trap Line Location	Segment 2 Area	Number of Traps Set	Species Captured*								GPS Numbers at Capture Locations (only provided for sensitive species and DKR)**
				SKR	DKR	SDPM	DM	BM	DWR	BEWR	WHM	
5/13/2014									1			591
	7	Proposed Project	40				2					
						9						609, 607, 605, 601, 581, 580, 578, 569, 568
	6	Proposed Project	38			13						536, 540, 544, 548, 549, 550, 551, 552, 553, 556, 595, 593, 591
5/14/2014									1			545
	7	Proposed Project	40			9						608, 606, 600, 581, 580, 578, 569, 568
							2					
	6	Proposed Project	38			16						528, 533, 534, 536, 546, 547, 548, 550, 598, 597, 553, 556, 595, 594, 592, 591
									1			593
	7	Proposed Project	40				3					
						11						569, 568, 567, 578, 580, 581, 600, 601, 604, 606, 609
<p>* Animals captured  SKR = Stephens' kangaroo rat (<i>Dipodomys stephensi</i>)  DKR = Dulzura kangaroo rat (<i>Dipodomys simulans</i>) – not a special status species, but locations were GPS'd for personal interest.  SDPM = San Diego pocket mouse (<i>Chaetodipus fallax fallax</i>)  DM = deer mouse (<i>Peromyscus maniculatus</i>)  BM = Baja mouse (<i>Peromyscus fraterculus</i>)  DWR = desert woodrat (<i>Neotoma bryanti</i>)  BEWR = big-eared woodrat (<i>Neotoma macrotis</i>)  WHM = western harvest mouse (<i>Reithrodontomys megalotis</i>)</p> <p>** See Table 5 for UTM coordinates corresponding to the GPS point numbers shown.</p>												

**Table 5 Summary of Capture Locations (NAD83 UTM Coordinates) for Stephens' Kangaroo Rat,  
San Diego Desert Woodrat, and Northwestern San Diego Pocket Mouse  
in Segment 2 of the Proposed and Alternative Projects (May 2014)**

Species *	Trapping Session	Segment 2 Area	SJM GPS Point	UTM Coordinate (NAD 83) (Easting – Northing)	Elevation
<i>Neotoma bryanti</i>	1	Proposed Project	366	11 S 488963 3714199	1,399 feet (ft)
			427	11 S 489012 3712172	1,224 ft
			431	11 S 489006 3712153	1,226 ft
			432	11 S 489005 3712148	1,222 ft
			435	11 S 489010 3712132	1,219 ft
			442	11 S 489011 3712126	1,219 ft
			448	11 S 489001 3712183	1,217 ft
	2	Proposed Project	545	11 S 488839 3712777	1,364 ft
			591	11 S 488875 3712723	1,347 ft
			593	11 S 488866 3712724	1,349 ft
<i>Chaetodipus fallax fallax</i>	1	Proposed Project	347	11 S 488775 3713376	1,355 ft
			411	11 S 488936 3711472	1,140 ft
			417	11 S 488882 3711453	1,137 ft
			421	11 S 488858 3711448	1,137 ft
			424	11 S 488837 3711432	1,137 ft
			429	11 S 489012 3712161	1,224 ft
			433	11 S 489009 3712143	1,219 ft
			434	11 S 489010 3712137	1,218 ft
			440	11 S 489009 3712088	1,212 ft
			442	11 S 489011 3712126	1,219 ft
			447	11 S 488997 3712180	1,219 ft



Species*	Trapping Session	Segment 2 Area	SJM GPS Point	UTM Coordinate (NAD 83) (Easting – Northing)	Elevation
			449	11 S 488996 3712185	1,220 ft
		Proposed Project	450	11 S 488993 3712187	1,220 ft
			451	11 S 488981 3712175	1,219 ft
			452	11 S 488981 3712171	1,220 ft
			453	11 S 488982 3712163	1,219 ft
			454	11 S 488981 3712159	1,216 ft
			456	11 S 488978 3712155	1,225 ft
			475	11 S 488778 3713503	1,372 ft
			492	11 S 488809 3713387	1,370 ft
			493	11 S 488808 3713380	1,370 ft
			494	11 S 488806 3713377	1,370 ft
			501	11 S 488768 3713312	1,363 ft
	2	Proposed Project	528	11 S 488893 3712729	1,317 ft
			529	11 S 488886 3712730	1,316 ft
			533	11 S 488887 3712743	1,324 ft
			534	11 S 488887 3712747	1,326 ft
			536	11 S 488882 3712759	1,338 ft
			540	11 S 488860 3712762	1,346 ft
			541	11 S 488858 3712767	1,348 ft
			544	11 S 488843 3712774	1,361 ft
			545	11 S 488839 3712777	1,364 ft
			546	11 S 488833 3712777	1,364 ft
			547	11 S 488829 3712772	1,358 ft
			548	11 S 488829 3712769	1,357 ft
			549	11 S 488831 3712765	1,353 ft
			550	11 S 488834 3712760	1,346 ft
			551	11 S 488843 3712758	1,344 ft

Species*	Trapping Session	Segment 2 Area	SJM GPS Point	UTM Coordinate (NAD 83) (Easting – Northing)	Elevation
			552	11 S 488848 3712753	1,338 ft
			553	11 S 488850 3712749	1,338 ft
			556	11 S 488853 3712743	1,333 ft
			557	11 S 488854 3712739	1,332 ft
			564	11 S 489026 3716213	1,364 ft
			567	11 S 489049 3716194	1,350 ft
			568	11 S 489051 3716188	1,347 ft
			569	11 S 489058 3716188	1,346 ft
			578	11 S 489121 3716197	1,345 ft
			579	11 S 489124 3716188	1,346 ft
			580	11 S 489122 3716183	1,346 ft
			581	11 S 489116 3716184	1,345 ft
			591	11 S 488875 3712723	1,347 ft
		Proposed Project	592	11 S 488871 3712722	1,346 ft
			593	11 S 488866 3712724	1,349 ft
			594	11 S 488863 3712730	1,349 ft
			595	11 S 488859 3712731	1,358 ft
			597	11 S 488851 3712745	1,361 ft
			598	11 S 488849 3712756	1,369 ft
			600	11 S 489102 3716156	1,373 ft
			601	11 S 489094 3716150	1,374 ft
			604	11 S 489065 3716139	1377 ft
			605	11 S 489058 3716138	1,380 ft
			606	11 S 489045 3716133	1,379 ft
			607	11 S 489040 3716138	1,376 ft
			608	11 S 489040 3716144	1,373 ft

Species*	Trapping Session	Segment 2 Area	SJM GPS Point	UTM Coordinate (NAD 83) (Easting – Northing)	Elevation
			609	11 S 489041 3716150	1,368 ft
<i>Dipodomys stephensi</i>	1	Proposed Project	350	11 S 488805 3713543	1,379 ft
		Proposed Project	351	11 S 488806 3713525	1,381 ft
			364	11 S 488903 3713902	1,391 ft
			366	11 S 488963 3714199	1,399 ft
			460	11S 488901 3713899	1,374 ft
			462	11S 488893 3713901	1,377 ft
			474	11 S 488794 3713503	1,377 ft
			485	11 S 488771 3713541	1,366 ft
			506	11 S 488957 3714231	1,384 ft
	2	Alternative Project	613	11 S 487495 3717560	1,380 ft
<p>* Species</p> <p><i>Dipodomys stephensi</i> Stephens' kangaroo rat – federally endangered</p> <p><i>Chaetodipus fallax fallax</i> northwestern San Diego pocket mouse – California sensitive (CSC)</p> <p><i>Neotoma bryanti intermedia</i> San Diego desert woodrat (formerly <i>Neotoma lepida</i>) – California sensitive (CSC)</p>					

## **DISCUSSION**

### Segment 2 of the Proposed Project

Trapping was only conducted in areas of Segment 2 of the Proposed Project considered to be potentially occupied by SKR or LAPM. Thus, the absence of LAPM in Trapping Areas 1-7 indicates that this species does not presently occur in Segment 2 of the Proposed Project area.

The areas represented by Trap Line 3 (northern part), Trap Line 4 (western part) and Trap Line 5 (northern part) yielded SKR captures, and are therefore occupied by this endangered kangaroo rat. The amount of suitable habitat for this species was limited at each occupied site; thus, it is expected that the populations inhabiting these locations are generally small and limited in distribution at the present time. Estimated areas occupied by SKR at each capture location in May 2014 are shown in Figure 6, although the distribution of the species at each location will undoubtedly vary to some degree over time. This variability may be a result of natural population fluctuations in response to seasonal and/or annual changes in vegetation cover or plant species composition, which alter the food base on which SKR depend for survival and successful reproduction. Anthropogenic alterations to the environments adjacent to occupied areas, including such factors as the clearing of dense brush or loosening of soils (e.g. disking) in grassland habitats, can produce more open conditions that may eventually be suitable for and attract SKR.

Disturbance and construction activities in Segment 2 of the Proposed Project would likely result in varying types and levels of disturbance to the identified occupied SKR habitat areas. Due to the apparently low numbers of individuals inhabiting the three occupied areas, and the limited acreages of habitat occupied by SKR, the number of individuals of the species that would be harmed by the expected activities is also low. Impacts to confirmed occupied habitat can be limited by avoiding the occupied habitat areas shown in Figure 6 to the greatest degree practicable.

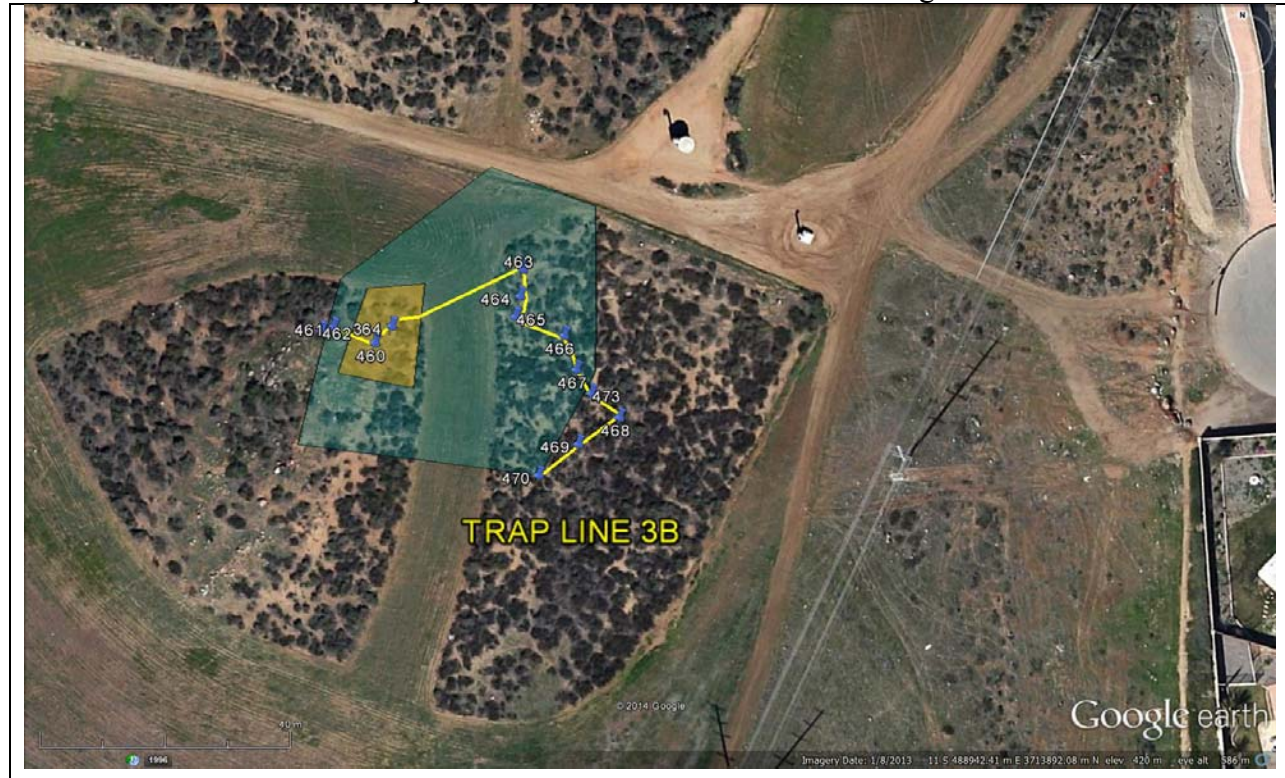
If it is desired to avoid all impacts to SKR during the Proposed Project, methods of avoiding “incidental take” of SKR can be devised wherein identified occupied habitat is fenced to mark areas that should not be disturbed and to prevent SKR from entering proposed disturbance areas. However, since impacts to identified occupied habitat very likely will not be fully avoidable during Proposed Project activities, SKR residing inside areas to be disturbed could be trapped and relocated to locations behind fenced areas in the immediate vicinity. Details of such fencing, including the methods of and locations for its installation, and methods for relocating animals, can be provided upon request.

### Segment 2 of the Alternative Project

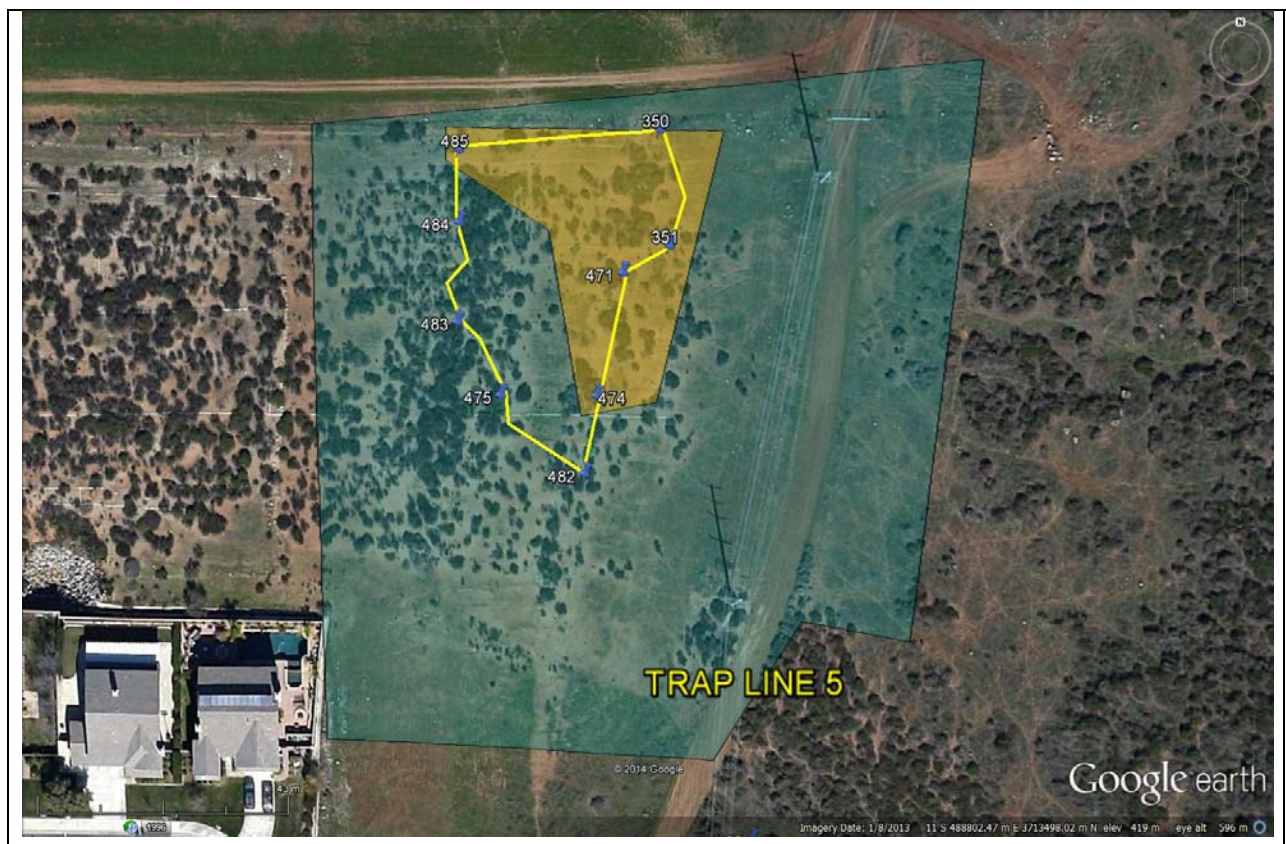
Trapping was only conducted in areas of Segment 2 of the Alternative Project considered to be potentially occupied by SKR or LAPM (Figure 7). Thus, the absence of LAPM in Trapping Areas 8 indicates that this species does not presently occur in Segment 2 of the Alternative Project.

**Figure 6 SKR Capture Areas and Estimated Area of SKR Habitat Occupation/Use at Four Locations in Segment 2 of the Proposed Project.**

Note: SKR capture areas are shown in gold shading, and estimated occupied/use areas are shown in blue shading.









**Figure 7 SKR Capture Areas and Estimated Area of SKR habitat Occupation/Use at One Location in Segment 2 of the Alternative Project.**

Note: SKR capture areas are shown in gold shading, and estimated occupied/use areas are shown in blue shading.



The area of Trap Line 8 (mostly along southern fence line) but also along the northern edge of the road) yielded SKR captures and sign, and is therefore occupied by this endangered kangaroo rat. The amount of suitable habitat for and sign of this species was limited at this site; thus, the population inhabiting this location is generally small and limited in distribution at the present time. The estimated area occupied by SKR at Trapping Area 8 in May 2014 is shown in Figure 7, although the distribution of the species at this location may vary to some degree over time. This variability may be a result of natural population fluctuations in response to seasonal and/or annual changes in vegetation cover or plant species composition, which alter the food base on which SKR depend for survival and successful reproduction. Anthropogenic alterations to the environments adjacent to this occupied area, primarily including such factors as road and or other substrate grading, may negatively affect SKR at this location.

Disturbance and construction activities in Segment 2 of the Alternative Project would likely result in varying types and levels of disturbance to the identified occupied SKR habitat areas. Due to the apparently low numbers of individuals inhabiting this occupied area, and the limited acreage of habitat occupied by SKR, the number of individuals of the species that would be

harm by the expected activities is also low. Impacts to confirmed occupied habitat can be limited by avoiding the occupied habitat areas shown in Figure 7 to the greatest degree practicable.

If it is desired to avoid all impacts to SKR during the Alternative Project, methods of avoiding “incidental take” of SKR can be devised wherein identified occupied habitat is fenced to mark areas that should not be disturbed and to prevent SKR from entering proposed disturbance areas. However, since impacts to identified occupied habitat very likely will not be fully avoidable during Alternative Project activities, SKR residing inside areas to be disturbed could be trapped and relocated to locations behind fenced areas in the immediate vicinity. Details of such fencing, including the methods of and locations for its installation, and methods for relocating animals can be provided upon request.

Please contact me if you have any questions regarding any aspect of this report or the associated field surveys.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen J. Montgomery". The signature is fluid and cursive, with a large, stylized "S" at the beginning and a long, sweeping underline.

Stephen J. Montgomery  
Permitted SKR Biologist  
USFWS Permit TE745541-10

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- Montgomery, S.J., and A. Davenport. 2005b. Focused Trapping Survey for the California Sensitive Los Angeles Pocket Mouse (*Perognathus longimembris brevinasus*) at the Stonegate Property, Located 4 Miles East of Sun City, South of Grand Avenue and East of Leon Road, in the Winchester Area of Unincorporated Riverside County, California. Prepared for Bonterra Consulting, Costa Mesa, California.
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## **APPENDIX A**

**Photographs of the Eight Trap Lines in Segment 2**  
See Figures 4 and 5 for locations of the eight trap lines.

### **Line 1 – Santa Gertrudis Creek**





**Line 2 – Slope North of Santa Gertrudis**



**Line 3 – North of Trap Line 5 (southerly area on left, northerly area on right)**





**Line 4 – South of Borel Road (only the road portion of Line 4 is shown)**



**Line 5 – North of Central Park Drive (photographs of all sub-lines are not shown; SKR were captured in areas shown)**





**Line 6 – Immediately North of Murrieta Hot Springs Road (trap line was set primarily in area in left photograph)**



**Line 7 – North of Auld Road**





**Line 8 – Along Dirt Road Immediately Eastward of Auld Substation (SKR was captured along left fence line)**



## **Appendix G: EDR Report**

**Valley South 115 Kv Subtransmission Project**  
Winchester, CA 92596

Inquiry Number: 03933623.5r  
May 09, 2014

## EDR DataMap™ Corridor Study

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

### TARGET PROPERTY INFORMATION

#### ADDRESS

WINCHESTER, CA 92596  
WINCHESTER, CA 92596

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records within the requested search area for the following databases:

### FEDERAL RECORDS

NPL .....	National Priority List
Proposed NPL .....	Proposed National Priority List Sites
Delisted NPL .....	National Priority List Deletions
NPL LIENS .....	Federal Superfund Liens
CERCLIS .....	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP .....	CERCLIS No Further Remedial Action Planned
LIENS 2 .....	CERCLA Lien Information
CORRACTS .....	Corrective Action Report
RCRA-TSDF .....	RCRA - Treatment, Storage and Disposal
RCRA-CESQG .....	RCRA - Conditionally Exempt Small Quantity Generator
US ENG CONTROLS .....	Engineering Controls Sites List
US INST CONTROL .....	Sites with Institutional Controls
HMIRS .....	Hazardous Materials Information Reporting System
DOT OPS .....	Incident and Accident Data
US CDL .....	Clandestine Drug Labs
US BROWNFIELDS .....	A Listing of Brownfields Sites
DOD .....	Department of Defense Sites
FUDS .....	Formerly Used Defense Sites
LUCIS .....	Land Use Control Information System
CONSENT .....	Superfund (CERCLA) Consent Decrees
ROD .....	Records Of Decision
UMTRA .....	Uranium Mill Tailings Sites
ODI .....	Open Dump Inventory
DEBRIS REGION 9 .....	Torres Martinez Reservation Illegal Dump Site Locations
US MINES .....	Mines Master Index File
TSCA .....	Toxic Substances Control Act
FTTS .....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS .....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS .....	Section 7 Tracking Systems
ICIS .....	Integrated Compliance Information System
PADS .....	PCB Activity Database System
MLTS .....	Material Licensing Tracking System
RADINFO .....	Radiation Information Database
RAATS .....	RCRA Administrative Action Tracking System



## EXECUTIVE SUMMARY

RMP.....	Risk Management Plans
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
US HIST CDL.....	National Clandestine Laboratory Register
FEMA UST.....	Underground Storage Tank Listing
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
COAL ASH DOE.....	Steam-Electric Plant Operation Data
EPA WATCH LIST.....	EPA WATCH LIST
LEAD SMELTERS.....	Lead Smelter Sites
2020 COR ACTION.....	2020 Corrective Action Program List
PRP.....	Potentially Responsible Parties
FEDERAL FACILITY.....	Federal Facility Site Information listing

### **STATE AND LOCAL RECORDS**

HIST Cal-Sites.....	Historical Calsites Database
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Toxic Pits.....	Toxic Pits Cleanup Act Sites
WMUDS/SWAT.....	Waste Management Unit Database
UIC.....	UIC Listing
CA FID UST.....	Facility Inventory Database
SLIC.....	Statewide SLIC Cases
LIENS.....	Environmental Liens Listing
CUPA Listings.....	CUPA Resources List
MCS.....	Military Cleanup Sites Listing
Notify 65.....	Proposition 65 Records
DEED.....	Deed Restriction Listing
VCP.....	Voluntary Cleanup Program Properties
WIP.....	Well Investigation Program Case List
RESPONSE.....	State Response Sites
HAULERS.....	Registered Waste Tire Haulers Listing
MWMP.....	Medical Waste Management Program Listing
HWT.....	Registered Hazardous Waste Transporter Database
HWP.....	EnviroStor Permitted Facilities Listing
PROC.....	Certified Processors Database
RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

### **TRIBAL RECORDS**

INDIAN RESERV.....	Indian Reservations
INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands
INDIAN LUST.....	Leaking Underground Storage Tanks on Indian Land
INDIAN UST.....	Underground Storage Tanks on Indian Land
INDIAN VCP.....	Voluntary Cleanup Priority Listing

### **EDR PROPRIETARY RECORDS**

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
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### **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified.

## EXECUTIVE SUMMARY

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### FEDERAL RECORDS

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/11/2014 has revealed that there are 6 RCRA-LQG sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b><i>SCE VALLEY SUBSTATION</i></b>	<b><i>26125 MENIFEE</i></b>	<b><i>3</i></b>	<b><i>9</i></b>
<b><i>SCE MENIFEE SERVICE CENTER</i></b>	<b><i>26100 MENIFEE AVE</i></b>	<b><i>3</i></b>	<b><i>13</i></b>
SAN JACINTO AUTO/LSO	26100 MENIFEE RD.	3	19
ABBOTT CARDIOVASCULAR SYSTEMS	30590 COCHISE CIR	26	79
<b><i>EXOTIC ELECTRO-OPTICS, INC.</i></b>	<b><i>36570 BRIGGS RD.</i></b>	<b><i>26</i></b>	<b><i>83</i></b>
<b><i>CVS PHARMACY #8848</i></b>	<b><i>30736 BENTON RD</i></b>	<b><i>26</i></b>	<b><i>95</i></b>

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/11/2014 has revealed that there are 2 RCRA-SQG sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b><i>MATTHEWS INTERNATIONAL CORP</i></b>	<b><i>28261 HWY 74</i></b>	<b><i>4</i></b>	<b><i>22</i></b>
EXOTIC MATERIALS, INC.	36570 BRIGGS ROAD	26	90

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/11/2014 has revealed that there is 1 RCRA NonGen / NLR site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
BOSTON SCIENTIFIC	30590 COCHISE CIRCLE	26	77

## EXECUTIVE SUMMARY

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 09/30/2013 has revealed that there are 3 ERNS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
Not reported	LEON & GRAND AVE	6	52
Not reported	30210 LOS ALAMOS RD	23	72
Not reported	BRIGGS RD AND LOS ALAMO	25	76

TRIS: The Toxic Chemical Release Inventory System identifies facilities that release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III, Section 313. The source of this database is the U.S. EPA.

A review of the TRIS list, as provided by EDR, and dated 12/31/2011 has revealed that there is 1 TRIS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>EXOTIC ELECTRO-OPTICS, INC.</b>	<b>36570 BRIGGS RD.</b>	<b>26</b>	<b>83</b>

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 11/18/2013 has revealed that there are 7 FINDS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>SCE VALLEY SUBSTATION</b>	<b>26125 MENIFEE</b>	<b>3</b>	<b>9</b>
<b>SCE MENIFEE SERVICE CENTER</b>	<b>26100 MENIFEE AVE</b>	<b>3</b>	<b>13</b>
<b>MATTHEWS INTERNATIONAL CORP</b>	<b>28261 HWY 74</b>	<b>4</b>	<b>22</b>
LEVEL 3 COMMUNICATIONS LLC-MEN	29801 SCOTT RD	12	65
MOUNTAIN VIEW TIRE	30664 BENTON RD	26	92
<b>CVS PHARMACY #8848</b>	<b>30736 BENTON RD</b>	<b>26</b>	<b>95</b>
CVS PHARMACY NO 8848	30736 BENTON RD	26	97

### STATE AND LOCAL RECORDS

SCH: This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category. depending on the level of threat to public health and safety or the environment they pose.

A review of the SCH list, as provided by EDR, and dated 03/12/2014 has revealed that there are 6 SCH

## EXECUTIVE SUMMARY

sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>HIGH SCHOOL NO. 3</b>	<b>BRIGGS ROAD/PINACATE RO</b>	<b>1</b>	<b>4</b>
<b>HERITAGE LAKE SCHOOL #2</b>	<b>HERITAGE LAKE DRIVE AND</b>	<b>7</b>	<b>54</b>
<b>NEW ELEMENTARY SCHOOL NO. 6</b>	<b>LA VENTANA ROAD/NEWPORT</b>	<b>10</b>	<b>60</b>
<b>ELEMENTARY SCHOOL NO. 10</b>	<b>BEELER ROAD/PATTON AVEN</b>	<b>11</b>	<b>62</b>
<b>PROPOSED ELEMENTARY SCHOOL NO.</b>	<b>NORTHEAST CORNER ELLIOT</b>	<b>17</b>	<b>67</b>
<b>TEMECULA LEARNING CENTER</b>	<b>NICOLAS ROAD/CALLE MEDU</b>	<b>32</b>	<b>105</b>

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, and dated 02/14/2014 has revealed that there are 3 SWF/LF sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>B.P. JOHN RECYCLING, INC.</b>	<b>28700 MATTHEWS RD</b>	<b>2</b>	<b>7</b>
B.P. JOHN RECYCLING INC.	28700 MATHEWS ROAD	2	8
AGRISCAPE, INC.	37760 BOREL RD.	29	104

NPDES: A listing of NPDES permits, including stormwater.

A review of the NPDES list, as provided by EDR, and dated 02/17/2014 has revealed that there are 6 NPDES sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>SO CAL EDISON - SAN JAC VALLEY</b>	<b>26100 MENIFEE RD</b>	<b>3</b>	<b>20</b>
TRACT 30433 BRIGGS ROAD	PAT RD AND BRIGGS RD	18	69
BRIGGS RD	PAT RD AND BRIGGS RD	18	70
TRACT 32185 FRENCH VALLEY	INTERSECTION OF LEON RD	20	71
IRIS AT SPENCERS CROSSING	LEON ROAD AND BAXTER RO	20	71
PM 30474	WINCHESTER RD & BENTON	26	99

WDS: California Water Resources Control Board - Waste Discharge System.

A review of the WDS list, as provided by EDR, and dated 06/19/2007 has revealed that there are 2 WDS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>STORM-DOUBLE BUTTE LANDFILL</b>	<b>31710 GRAND AVE</b>	<b>5</b>	<b>28</b>
WINCHESTER PONDS	SIMPSON & LEON	8	58

## EXECUTIVE SUMMARY

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 03/31/2014 has revealed that there is 1 Cortese site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>STORM-DOUBLE BUTTE LANDFILL</b>	<b>31710 GRAND AVE</b>	<b>5</b>	<b>28</b>

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>SAN JACINTO VALLEY DISTRI</b>	<b>26100 MENIFEE</b>	<b>3</b>	<b>18</b>

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 03/17/2014 has revealed that there is 1 SWRCY site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>REPLANET LLC</b>	<b>30712 BENTON RD</b>	<b>26</b>	<b>100</b>

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 03/17/2014 has revealed that there are 2 LUST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
SAN JACINTO VALLEY DISTRICT OF	26100 MENIFEE ROAD	3	17
<b>SAN JACINTO VALLEY DISTRI</b>	<b>26100 MENIFEE</b>	<b>3</b>	<b>18</b>
Status: Completed - Case Closed			

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 03/17/2014 has revealed that there is 1 UST



## EXECUTIVE SUMMARY

site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
FRENCH VALLEY CHEVRON	30616 BENTON RD	26	101

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 5 HIST UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
DOUBLE BUTTE WASTE DISPOSAL SI	31-710 GRAND AVENUE	5	28
CHARLES JOHNSON	28875 MEMORY LN	9	59
PINTO RANCH	33780 BRIGGS RD	16	66
G & A CONSTRUCTION, INC.	39451 LIEFER RD.	31	105
LAWRENCE T. LASAGNA	30885 NICOLAS RD.	33	107

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<i>SO CAL EDISON - SAN JAC VALLEY</i>	<i>26100 MENIFEE RD</i>	<i>3</i>	<i>20</i>
<i>STORM-DOUBLE BUTTE LANDFILL</i>	<i>31710 GRAND AVE</i>	<i>5</i>	<i>28</i>

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 10/14/2013 has revealed that there are 4 CHMIRS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
Not reported Date Completed: 11-SEP-91	LEON AND GRAND	6	52
Not reported	SIMPSON RD. @ LEON RD.	8	57
Not reported	30210 LOS ALAMOS ROAD	23	73
Not reported	31095 AULD ROAD	27	102

## EXECUTIVE SUMMARY

LDS: The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

A review of the LDS list, as provided by EDR, and dated 03/17/2014 has revealed that there is 1 LDS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>B.P. JOHN RECYCLING, INC.</b>	<b>28700 MATTHEWS RD</b>	<b>2</b>	<b>7</b>

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, and dated 08/01/2009 has revealed that there is 1 AST site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>SAN JACINTO SERVICE CENTET</b>	<b>26100 MENIFEE ROAD</b>	<b>3</b>	<b>20</b>

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 DRYCLEANERS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>WINCHESTER CLEANERS</b>	<b>30724 BENTON RD # C300</b>	<b>26</b>	<b>100</b>

CDL: A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

A review of the CDL list, as provided by EDR, and dated 12/31/2013 has revealed that there is 1 CDL site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>Not reported</b>	<b>LEON &amp; GRAND AVE</b>	<b>6</b>	<b>52</b>

ENF: A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

A review of the ENF list, as provided by EDR, and dated 02/25/2014 has revealed that there is 1 ENF site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>STORM-DOUBLE BUTTE LANDFILL</b>	<b>31710 GRAND AVE</b>	<b>5</b>	<b>28</b>

## EXECUTIVE SUMMARY

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, and dated 12/31/2012 has revealed that there are 19 HAZNET sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>MATTHEWS INTERNATIONAL CORP</b>	<b>28261 HWY 74</b>	<b>4</b>	<b>22</b>
KB HOMES	33076 IOLITE ST	13	65
K B HOME	33187 GYPSUM ST	14	65
GARY'S CONSTRUCTION INC	34870 LEON RD	19	70
BEAZER HOMES SOUTHERN CALIFORN	34870 LEON RD	19	70
DR HORTON INC	35755 BRIGGS	21	72
FOSTER COLLINS	35235 LOS ALAMOS RD	22	72
IST PIPELINE ENGINEERING	30230 LOS ALAMOS RD	23	74
IFT PIPELINE ENGINEERING	30230 LOS ALAMOS RD	23	75
INTERNATIONAL FLOW TECHNOLOGIE	30230 LOS ALAMOS RD	23	75
SOUTHERN CALIF EDISON	36000 LIBERTY LN	24	76
USA BIO MASS CORP	30504 LOS ALAMOS ST	25	76
MOUNTAIN VIEW TIRE & SERVICE I	30664 BENTON RD	26	92
CVS PHARMACY #8848	30736 BENTON RD	26	94
ATKINSON WASHINGTON ZACHRY	30800 BENTON RD	26	98
THE WASHINGTON GRP INTERNATION	30800 BENTON RD	26	98
WINCHESTER CLEANERS	30724 BENTON RD # C300	26	99
FRENCH VALLEY SHELL	30616 BENTON RD	26	101
BOREL RANCH	37623 LEON RD	28	103

EMI: Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

A review of the EMI list, as provided by EDR, and dated 12/31/2012 has revealed that there is 1 EMI site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>MATTHEWS INTERNATIONAL CORP</b>	<b>28261 HWY 74</b>	<b>4</b>	<b>22</b>

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 03/12/2014 has revealed that there are

## EXECUTIVE SUMMARY

6 ENVIROSTOR sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
<b>HIGH SCHOOL NO. 3</b> Status: No Further Action	<b>BRIGGS ROAD/PINACATE RO</b>	<b>1</b>	<b>4</b>
<b>HERITAGE LAKE SCHOOL #2</b> Status: No Further Action	<b>HERITAGE LAKE DRIVE AND</b>	<b>7</b>	<b>54</b>
<b>NEW ELEMENTARY SCHOOL NO. 6</b> Status: No Further Action	<b>LA VENTANA ROAD/NEWPORT</b>	<b>10</b>	<b>60</b>
<b>ELEMENTARY SCHOOL NO. 10</b> Status: No Further Action	<b>BEELER ROAD/PATTON AVEN</b>	<b>11</b>	<b>62</b>
<b>PROPOSED ELEMENTARY SCHOOL NO.</b> Status: No Further Action	<b>NORTHEAST CORNER ELLIOT</b>	<b>17</b>	<b>67</b>
<b>TEMECULA LEARNING CENTER</b> Status: Inactive - Withdrawn	<b>NICOLAS ROAD/CALLE MEDU</b>	<b>32</b>	<b>105</b>

### EDR PROPRIETARY RECORDS

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 6 EDR US Hist Auto Stat sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
Not reported	26050 MENIFEE RD	3	22
Not reported	29213 DANDELION WAY	15	66
Not reported	33687 PETUNIA ST	15	66
Not reported	29032 AZARA ST	15	66
Not reported	30616 BENTON RD	26	101
Not reported	31090 ALLEN ST	28	103

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 3 EDR US

## EXECUTIVE SUMMARY

Hist Cleaners sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
Not reported	33850 SUNDROP AVE	15	66
Not reported	30724 BENTON RD	26	98
Not reported	31201 OLD TRAIL CIR	30	104



## EXECUTIVE SUMMARY

Please refer to the end of the findings report for unmapped orphan sites due to poor or inadequate address information.

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
<b><u>FEDERAL RECORDS</u></b>	
NPL	0
Proposed NPL	0
Delisted NPL	0
NPL LIENS	0
CERCLIS	0
CERC-NFRAP	0
LIENS 2	0
CORRACTS	0
RCRA-TSDF	0
RCRA-LQG	6
RCRA-SQG	2
RCRA-CESQG	0
RCRA NonGen / NLR	1
US ENG CONTROLS	0
US INST CONTROL	0
ERNS	3
HMIRS	0
DOT OPS	0
US CDL	0
US BROWNFIELDS	0
DOD	0
FUDS	0
LUCIS	0
CONSENT	0
ROD	0
UMTRA	0
ODI	0
DEBRIS REGION 9	0
US MINES	0
TRIS	1
TSCA	0
FTTS	0
HIST FTTS	0
SSTS	0
ICIS	0
PADS	0
MLTS	0
RADINFO	0
FINDS	7
RAATS	0
RMP	0
SCRD DRYCLEANERS	0
US FIN ASSUR	0
US HIST CDL	0
FEMA UST	0
COAL ASH EPA	0
PCB TRANSFORMER	0
US AIRS	0

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
COAL ASH DOE	0
EPA WATCH LIST	0
LEAD SMELTERS	0
2020 COR ACTION	0
PRP	0
FEDERAL FACILITY	0
 <b><u>STATE AND LOCAL RECORDS</u></b>	
HIST Cal-Sites	0
CA BOND EXP. PLAN	0
SCH	6
Toxic Pits	0
SWF/LF	3
WMUDS/SWAT	0
UIC	0
NPDES	6
WDS	2
Cortese	1
HIST CORTESE	1
SWRCY	1
LUST	2
CA FID UST	0
SLIC	0
UST	1
HIST UST	5
LIENS	0
CUPA Listings	0
SWEEPS UST	2
CHMIRS	4
LDS	1
MCS	0
AST	1
Notify 65	0
DEED	0
VCP	0
DRYCLEANERS	1
WIP	0
CDL	1
ENF	1
RESPONSE	0
HAZNET	19
EMI	1
ENVIROSTOR	6
HAULERS	0
MWMP	0
HWT	0
HWP	0
PROC	0
RGA LF	0
RGA LUST	0

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
<b><u>TRIBAL RECORDS</u></b>	
INDIAN RESERV	0
INDIAN ODI	0
INDIAN LUST	0
INDIAN UST	0
INDIAN VCP	0
<b><u>EDR PROPRIETARY RECORDS</u></b>	
EDR MGP	0
EDR US Hist Auto Stat	6
EDR US Hist Cleaners	3

### NOTES:

Sites may be listed in more than one database

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site  
Database(s)  
EDR ID Number  
EPA ID Number

1 HIGH SCHOOL NO. 3  
BRIGGS ROAD/PINACATE ROAD  
ROMOLAND, CA 92585 SCH  
ENVIROSTOR S105840774  
N/A

SCH:

Facility ID: 33010072  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 60  
National Priorities List: NO  
Cleanup Oversight Agencies: DTSC  
Lead Agency: DTSC  
Lead Agency Description: \* DTSC  
Project Manager: Not reported  
Supervisor: Javier Hinojosa  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 404438  
Assembly: 67  
Senate: 23  
Special Program Status: Not reported  
Status: No Further Action  
Status Date: 03/19/2003  
Restricted Use: NO  
Funding: School District  
Latitude: 33.74451  
Longitude: -117.1718  
APN: NONE SPECIFIED  
Past Use: AGRICULTURAL - ROW CROPS  
Potential COC: "30043, Chlordane, DDD, DDE, DDT, Dieldrin, Endosulfan, Endrin, HCH (alpha, HCH (beta, HCH (gamma) Lindane, HCH-technical, Heptachlor, Heptachlor epoxide, Mirex, Toxaphene, TPH-diesel, TPH-gas, PCBs (unspeciated mixture, high risk, e.g. Aroclor 1254, PCBs (unspeciated mixture, low risk, e.g. Aroclor 1016, Polybrominated biphenyls, Polychlorinated biphenyls (PCBs, Polychlorinated biphenyls (PCBs, see IRIS, 30019"  
Confirmed COC: "30004-NO, 30006-NO, 30007-NO, 30008-NO, 30010-NO, 30019-NO, 30024-NO, 30025-NO, 30468-NO, 30470-NO, 30309-NO, 30313-NO, 30314-NO, 30315-NO, 30316-NO, 30207-NO, 30467-NO, 30469-NO, 30400-NO, 30261-NO, 30043-NO, 30308-NO, 30018-NO, 30023-NO"  
Potential Description: SOIL  
Alias Name: AGRI-EMPIRE  
Alias Type: Alternate Name  
Alias Name: HIGH SCHOOL NO. 3  
Alias Type: Alternate Name  
Alias Name: PERRIS UNION HIGH SCHOOL DISTRICT  
Alias Type: Alternate Name  
Alias Name: PERRIS UNION HSD-PROPOSED HIGH SCHOOL #3  
Alias Type: Alternate Name  
Alias Name: 404438  
Alias Type: Project Code (Site Code)  
Alias Name: 33010072  
Alias Type: Envirostor ID Number  
Completed Info:  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 01/12/2005



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**HIGH SCHOOL NO. 3 (Continued)**

**S105840774**

Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 03/19/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 09/15/2004  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Workplan  
Completed Date: 12/29/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 03/02/2003  
Comments: Phase 1 Draft

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**ENVIROSTOR:**

Facility ID: 33010072  
Status: No Further Action  
Status Date: 03/19/2003  
Site Code: 404438  
Site Type: School Investigation  
Site Type Detailed: School  
Acres: 60  
NPL: NO  
Regulatory Agencies: DTSC  
Lead Agency: DTSC  
Program Manager: Not reported  
Supervisor: Javier Hinojosa  
Division Branch: Southern California Schools & Brownfields Outreach  
Assembly: 67  
Senate: 23  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 33.74451

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## HIGH SCHOOL NO. 3 (Continued)

S105840774

Longitude: -117.1718  
APN: NONE SPECIFIED  
Past Use: AGRICULTURAL - ROW CROPS  
Potential COC: "30043 Chlordane DDD DDE DDT Dieldrin Endosulfan Endrin HCH (alpha HCH (beta HCH (gamma) Lindane HCH-technical Heptachlor Heptachlor epoxide Mirex Toxaphene TPH-diesel TPH-gas PCBs (unspeciated mixture, high risk, e.g. Aroclor 1254 PCBs (unspeciated mixture, low risk, e.g. Aroclor 1016 Polybrominated biphenyls Polychlorinated biphenyls (PCBs Polychlorinated biphenyls (PCBs, see IRIS 30019")  
Confirmed COC: "30004-NO 30006-NO 30007-NO 30008-NO 30010-NO 30019-NO 30024-NO 30025-NO 30468-NO 30470-NO 30309-NO 30313-NO 30314-NO 30315-NO 30316-NO 30207-NO 30467-NO 30469-NO 30400-NO 30261-NO 30043-NO 30308-NO 30018-NO 30023-NO"  
Potential Description: SOIL  
Alias Name: AGRI-EMPIRE  
Alias Type: Alternate Name  
Alias Name: HIGH SCHOOL NO. 3  
Alias Type: Alternate Name  
Alias Name: PERRIS UNION HIGH SCHOOL DISTRICT  
Alias Type: Alternate Name  
Alias Name: PERRIS UNION HSD-PROPOSED HIGH SCHOOL #3  
Alias Type: Alternate Name  
Alias Name: 404438  
Alias Type: Project Code (Site Code)  
Alias Name: 33010072  
Alias Type: Envirostor ID Number  
Completed Info:  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 01/12/2005  
Comments: Not reported  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 03/19/2003  
Comments: Not reported  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 09/15/2004  
Comments: Not reported  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Workplan  
Completed Date: 12/29/2003  
Comments: Not reported  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 03/02/2003  
Comments: Phase 1 Draft

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## HIGH SCHOOL NO. 3 (Continued)

S105840774

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

2

**B.P. JOHN RECYCLING, INC.**  
**28700 MATTHEWS RD**  
**ROMOLAND, CA 92585**

**SWF/LF** **S109287145**  
**LDS** **N/A**

### LOS ANGELES CO. LF:

Site ID: 2744  
Alt. Address: N/A  
Site Contact: Not reported  
Site Contact Phone: (951) 696-1144  
Site Email: Not reported  
Site Website: N/A  
Site Type: Out-of-County Facility  
Site SWIS Number: 33-AA-0301  
Operator Name: Unknown  
Operator Address: Not reported  
Operator City/State/Zip: Not reported  
Operator Contact: Not reported  
Operator Telephone: Not reported  
Operator Email: Not reported  
Owner Name: Unknown  
Owner Address: Not reported  
Owner City/State/Zip: Not reported  
Owner Contact: Not reported  
Owner Telephone: Not reported  
Owner Email: Not reported  
Beginning Operation Date: N/A  
Disposal Area(Acre): N/A  
Local Enforcement Agency: County of Riverside Community Health Agency  
Maximum Depth Fill(Ft): N/A  
Permitted Capacity: 1000  
Present Use: Chipping and Grinding Activity Fac./ Op.  
Remaining Capacity(Million): N/A  
Status: Active  
Waste Accepted: Green Materials;  
Hours of Operation: Monday - Friday 7 am - 4:30 pm; Saturday 7 am - 1 pm  
Area: N/A

### LDS:

Global Id: L10008871055  
Latitude: 33.7385  
Longitude: -117.1612  
Case Type: Land Disposal Site  
Status: Completed - Case Closed  
Status Date: 01/01/1965  
Lead Agency: SANTA ANA RWQCB (REGION 8)  
Caseworker: JPL

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## B.P. JOHN RECYCLING, INC. (Continued)

S109287145

Local Agency: Not reported  
RB Case Number: 8 332717001  
LOC Case Number: Not reported  
File Location: Regional Board  
Potential Media Affect: Not reported  
EDR Link ID: L10008871055  
Potential Contaminants of Concern: Not reported  
Site History: The facility is still in operation. However, the site is no longer regulated by the Regional Board, pending the adoption of a general conditional waiver for composting operations. Please visit the CalRecycle website at (<http://www.calrecycle.ca.gov/SWFacilities/Directory/Search.aspx>) for updated facility information.

Click here to access the California GeoTracker records for this facility:

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## B.P. JOHN RECYCLING INC. 28700 MATHEWS ROAD ROMOLAND, CA

SWF/LF S106528977  
N/A

SWF/LF (SWIS):  
Region: STATE  
Facility ID: 33-AA-0301  
Lat/Long: 33.7385000 / -117.16126  
Owner Name: Metzler Investments, Calif. Lmt. Part.  
Owner Telephone: 9096961144  
Owner Address: Edward F. Metzler  
Owner Address2: 38875 Avenida La Cresta  
Owner City,St,Zip: Murrieta, CA 92562-9155  
Operational Status: Active  
Operator: B.P. John Recycling, Inc.  
Operator Phone: 9096961144  
Operator Address: Edward Metzler / B.P. John Hauling  
Operator Address2: 38875 Avenida La Cresta  
Operator City,St,Zip: Murrieta, CA 92562-9155  
Permit Date: 01/11/2006  
Permit Status: Notification  
Permitted Acreage: \$6.20  
Activity: Chipping and Grinding Activity Fac./ Op.  
Regulation Status: Notification  
Landuse Name: Not reported  
GIS Source: Map  
Category: Composting  
Unit Number: 01  
Inspection Frequency: Quarterly  
Accepted Waste: Green Materials,Wood waste  
Closure Date: Not reported  
Closure Type: Not reported  
Disposal Acreage: Not reported  
SWIS Num: 33-AA-0301  
Waste Discharge Requirement Num: Not reported  
Program Type: Not reported  
Permitted Throughput with Units: 1000  
Actual Throughput with Units: Tons/day  
Permitted Capacity with Units: 312000  
Remaining Capacity: Not reported  
Remaining Capacity with Units: Tons/year

# MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

3	<b>SCE VALLEY SUBSTATION</b> <b>26125 MENIFEE</b> <b>ROMOLAND, CA 92585</b>	<b>RCRA-LQG</b> <b>FINDS</b>	<b>1000905371</b> <b>CA0000562157</b>
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## RCRA-LQG:

Date form received by agency: 12/07/2010

Facility name: SCE VALLEY SUBSTATION

Facility address: 26125 MENIFEE  
ROMOLAND, CA 92585

EPA ID: CA0000562157

Mailing address: PO BOX 800  
ATTN SARA DUVALL  
ROSEMEAD, CA 91770

Contact: SARA M DUVALL

Contact address: PO BOX 800  
ROSEMEAD, CA 91770

Contact country: US

Contact telephone: 626-302-4781

Contact email: SARA.DUVALL@SCE.COM

EPA Region: 09

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

## Owner/Operator Summary:

Owner/operator name: SOUTHERN CALIFORNIA EDISON

Owner/operator address: Not reported  
Not reported

Owner/operator country: US

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 04/01/1986

Owner/Op end date: Not reported

Owner/operator name: SOUTHERN CALIFORNIA EDISON

Owner/operator address: PO BOX 800  
ROSEMEAD, CA 91770

Owner/operator country: US

Owner/operator telephone: 626-302-1212

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 04/01/1986

Owner/Op end date: Not reported

## Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SCE VALLEY SUBSTATION (Continued)

1000905371

Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

### Historical Generators:

Date form received by agency: 06/07/2010  
Facility name: SCE VALLEY SUBSTATION  
Site name: VALLEY SUBSTATION  
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999  
Facility name: SCE VALLEY SUBSTATION  
Site name: VALLEY SUBSTATION  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996  
Facility name: SCE VALLEY SUBSTATION  
Site name: VALLEY SUBSTATION  
Classification: Small Quantity Generator

Date form received by agency: 07/25/1994  
Facility name: SCE VALLEY SUBSTATION  
Site name: VALLEY SUBSTATION  
Classification: Large Quantity Generator

### Hazardous Waste Summary:

Waste code: 133  
Waste name: 133

Waste code: 151  
Waste name: 151

Waste code: 181  
Waste name: 181

Waste code: 211  
Waste name: 211

Waste code: 213  
Waste name: 213

Waste code: 214  
Waste name: 214

Waste code: 221  
Waste name: 221

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SCE VALLEY SUBSTATION (Continued)

1000905371

Waste code: 223  
Waste name: 223

Waste code: 261  
Waste name: 261

Waste code: 272  
Waste name: 272

Waste code: 291  
Waste name: 291

Waste code: 331  
Waste name: 331

Waste code: 343  
Waste name: 343

Waste code: 352  
Waste name: 352

Waste code: 461  
Waste name: 461

Waste code: 512  
Waste name: 512

Waste code: 513  
Waste name: 513

Waste code: 541  
Waste name: 541

Waste code: 551  
Waste name: 551

Waste code: 731  
Waste name: 731

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SCE VALLEY SUBSTATION (Continued)

1000905371

Waste code:	D008
Waste name:	LEAD
Waste code:	D018
Waste name:	BENZENE
Waste code:	D039
Waste name:	TETRACHLOROETHYLENE
Waste code:	D040
Waste name:	TRICHLOROETHYLENE
Waste code:	F001
Waste name:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste code:	F002
Waste name:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste code:	F003
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste code:	F005
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SCE VALLEY SUBSTATION (Continued)

1000905371

Registry ID: 110000830780

### Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

3

## SCE MENIFEE SERVICE CENTER 26100 MENIFEE AVE ROMOLAND, CA 92585

RCRA-LQG 1011861639  
FINDS CAR000195925

### RCRA-LQG:

Date form received by agency: 12/07/2010

Facility name: SCE MENIFEE SERVICE CENTER

Facility address: 26100 MENIFEE AVE  
ROMOLAND, CA 92585

EPA ID: CAR000195925

Mailing address: PO BOX 800  
ATTN SARA DUVALL  
ROSEMEAD, CA 91770

Contact: SARA DUVALL

Contact address: PO BOX 800  
ROSEMEAD, CA 91770

Contact country: US

Contact telephone: 626-302-4187

Contact email: SARA.DUVALL@SCE.COM

EPA Region: 09

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

### Owner/Operator Summary:

Owner/operator name: SOUTHERN CALIFORNIA EDISON

Owner/operator address: PO BOX 800  
ROSEMEAD, CA 92585

Owner/operator country: US

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SCE MENIFEE SERVICE CENTER (Continued)

1011861639

Owner/operator telephone: 626-302-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/1986  
Owner/Op end date: Not reported

Owner/operator name: SOUTHERN CALIFORNIA EDISON  
Owner/operator address: Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/1986  
Owner/Op end date: Not reported

### Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

### Historical Generators:

Date form received by agency: 06/05/2009  
Facility name: SCE MENIFEE SERVICE CENTER  
Site name: MENIFEE SERVICE CENTER  
Classification: Large Quantity Generator  
  
Date form received by agency: 10/10/2008  
Facility name: SCE MENIFEE SERVICE CENTER  
Site name: SAN JACINTO VALLEY SERVICE CENTER  
Classification: Large Quantity Generator

### Hazardous Waste Summary:

Waste code: 261  
Waste name: 261  
  
Waste code: 272  
Waste name: 272  
  
Waste code: 291  
Waste name: 291  
  
Waste code: 331  
Waste name: 331



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SCE MENIFEE SERVICE CENTER (Continued)

1011861639

Waste code: 343  
Waste name: 343

Waste code: 352  
Waste name: 352

Waste code: 461  
Waste name: 461

Waste code: 512  
Waste name: 512

Waste code: 513  
Waste name: 513

Waste code: 541  
Waste name: 541

Waste code: 551  
Waste name: 551

Waste code: 731  
Waste name: 731

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D008  
Waste name: LEAD

Waste code: D018  
Waste name: BENZENE

Waste code: D039  
Waste name: TETRACHLOROETHYLENE

Waste code: D040  
Waste name: TRICHLOROETHYLENE

Waste code: F001  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE,

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SCE MENIFEE SERVICE CENTER (Continued)

1011861639

1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: 133

Waste name: 133

Waste code: 151

Waste name: 151

Waste code: 181

Waste name: 181

Waste code: 211

Waste name: 211

Waste code: 213

Waste name: 213

Waste code: 214

Waste name: 214

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SCE MENIFEE SERVICE CENTER (Continued)

1011861639

Waste code: 221  
Waste name: 221

Waste code: 223  
Waste name: 223

Violation Status: No violations found

### FINDS:

Registry ID: 110055780294

Environmental Interest/Information System

3

**SAN JACINTO VALLEY DISTRICT OF  
26100 MENIFEE ROAD  
ROMOLAND, CA 92380**

**LUST S100993816  
N/A**

### LUST REG 8:

Region: 8  
County: Riverside  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083300334T  
Local Case Num: Not reported  
Case Type: Soil only  
Substance: Gasoline  
Qty Leaked: Not reported  
Abate Method: Not reported  
Cross Street: HWY 74  
Enf Type: Not reported  
Funding: Not reported  
How Discovered: Subsurface Monitoring  
How Stopped: Not reported  
Leak Cause: UNK  
Leak Source: UNK  
Global ID: T0606500038  
How Stopped Date: Not reported  
Enter Date: 12/31/1986  
Date Confirmation of Leak Began: Not reported  
Date Preliminary Assessment Began: Not reported  
Discover Date: 12/5/1986  
Enforcement Date: Not reported  
Close Date: 4/4/1989  
Date Prelim Assessment Workplan Submitted: Not reported  
Date Pollution Characterization Began: 3/1/1987  
Date Remediation Plan Submitted: Not reported  
Date Remedial Action Underway: Not reported  
Date Post Remedial Action Monitoring: Not reported  
Enter Date: 12/31/1986  
GW Qualifies: Not reported  
Soil Qualifies: Not reported  
Operator: Not reported  
Facility Contact: Not reported  
Interim: Not reported  
Oversite Program: LUST  
Latitude: 33.75024  
Longitude: -117.1671504

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SAN JACINTO VALLEY DISTRICT OF (Continued)

S100993816

MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	PAH
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

3

## SAN JACINTO VALLEY DISTRI 26100 MENIFEE ROMOLAND, CA 92380

HIST CORTESE 1001614264  
LUST N/A

### HIST CORTESE:

Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	083300334T

### LUST:

Region:	STATE
Global Id:	T0606500038
Latitude:	33.75024
Longitude:	-117.1671504
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/04/1989
Lead Agency:	RIVERSIDE COUNTY LOP
Case Worker:	UNK
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	083300334T
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

[Click here to access the California GeoTracker records for this facility:](#)

### Contact:

Global Id:	T0606500038
Contact Type:	Local Agency Caseworker
Contact Name:	UNK
Organization Name:	RIVERSIDE COUNTY LOP
Address:	3880 LEMON ST SUITE 200
City:	RIVERSIDE
Email:	Not reported
Phone Number:	Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SAN JACINTO VALLEY DISTRI (Continued)

1001614264

### Status History:

Global Id: T0606500038  
Status: Open - Site Assessment  
Status Date: 03/01/1987

Global Id: T0606500038  
Status: Open - Case Begin Date  
Status Date: 12/05/1986

Global Id: T0606500038  
Status: Completed - Case Closed  
Status Date: 04/04/1989

### Regulatory Activities:

Global Id: T0606500038  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0606500038  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Global Id: T0606500038  
Action Type: ENFORCEMENT  
Date: 04/04/1989  
Action: Closure/No Further Action Letter

3

**SAN JACINTO AUTO/LSO  
26100 MENIFEE RD.  
ROMOLAND, CA 92380**

**RCRA-LQG 1007199575  
CAD981681547**

### RCRA-LQG:

Date form received by agency: 03/04/1999  
Facility name: SAN JACINTO AUTO/LSO  
Facility address: 26100 MENIFEE RD.  
ROMOLAND, CA 92380  
EPA ID: CAD981681547  
Mailing address: 2244 WALNUT GROVE AVE ROOM 405  
ROSEMEAD, CA 91770  
Contact: KATHRYN VANDERSLICE  
Contact address: Not reported  
Contact country: Not reported  
Contact telephone: (626) 302-9320  
Contact email: Not reported  
EPA Region: 09  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SAN JACINTO AUTO/LSO (Continued)

1007199575

kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

### Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

### Historical Generators:

Date form received by agency: 02/27/1996  
Facility name: SAN JACINTO AUTO/LSO  
Site name: SOUTHERN CALIFORNIA EDISON  
Classification: Large Quantity Generator

Violation Status: No violations found

3 **SAN JACINTO SERVICE CENTET**  
**26100 MENIFEE ROAD**  
**ROMOLAND, CA 92585**

AST A100324873  
N/A

### AST:

Owner: SOUTHERN CALIFORNIA EDISON CO.  
Total Gallons: 22,318  
Certified Unified Program Agencies: Riverside

3 **SO CAL EDISON - SAN JAC VALLEY**  
**26100 MENIFEE RD**  
**ROMOLAND, CA 92380**

NPDES S106932311  
SWEEPS UST N/A

### NPDES:

Npdes Number: CAS000002  
Facility Status: Terminated  
Agency Id: 0  
Region: 8  
Regulatory Measure Id: 324949  
Order No: 2009-0009-DWQ  
Regulatory Measure Type: Enrollee  
Place Id: Not reported  
WDID: 8 33C347059  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## SO CAL EDISON - SAN JAC VALLEY (Continued)

S106932311

Effective Date Of Regulatory Measure: 05/16/2007  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: 08/31/2011  
Discharge Name: Southern California Edison  
Discharge Address: 8631 Rush Street  
Discharge City: Rosemead  
Discharge State: California  
Discharge Zip: 91770

Npdes Number: CAS000002  
Facility Status: Active  
Agency Id: 0  
Region: 8  
Regulatory Measure Id: 442448  
Order No: 2009-0009-DWQ  
Regulatory Measure Type: Enrollee  
Place Id: Not reported  
WDID: 8 33C368300  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 11/21/2013  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Southern California Edison  
Discharge Address: 8631 Rush Street  
Discharge City: Rosemead  
Discharge State: California  
Discharge Zip: 91770

## SWEEPS UST:

Status: Active  
Comp Number: 22198  
Number: 1  
Board Of Equalization: 44-018096  
Referral Date: 11-18-92  
Action Date: 11-18-92  
Created Date: 05-10-89  
Owner Tank Id: 627  
SWRCB Tank Id: 33-000-022198-000001  
Tank Status: A  
Capacity: 12000  
Active Date: 11-18-92  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: 3

Status: Active  
Comp Number: 22198  
Number: 1  
Board Of Equalization: 44-018096  
Referral Date: 11-18-92  
Action Date: 11-18-92  
Created Date: 05-10-89  
Owner Tank Id: 629  
SWRCB Tank Id: 33-000-022198-000002  
Tank Status: A

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**SO CAL EDISON - SAN JAC VALLEY (Continued)**

**S106932311**

Capacity: 10000  
Active Date: 11-18-92  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 22198  
Number: 1  
Board Of Equalization: 44-018096  
Referral Date: 11-18-92  
Action Date: 11-18-92  
Created Date: 05-10-89  
Owner Tank Id: 628  
SWRCB Tank Id: 33-000-022198-000003  
Tank Status: A  
Capacity: 1000  
Active Date: 11-18-92  
Tank Use: OIL  
STG: W  
Content: WASTE OIL  
Number Of Tanks: Not reported

3

EDR US Hist Auto Stat 1015372268  
N/A

**26050 MENIFEE RD  
SUN CITY, CA 92585**

EDR Historical Auto Stations:

Name: CENTURY RETAIL ROMOLAND ARCO  
Year: 2003  
Address: 26050 MENIFEE RD

Name: ARCO AM PM  
Year: 2009  
Address: 26050 MENIFEE RD

4

**MATTHEWS INTERNATIONAL CORP  
28261 HWY 74  
ROMOLAND, CA 92585**

RCRA-SQG 1000409374  
FINDS CAD981386956  
HAZNET  
EMI

RCRA-SQG:

Date form received by agency: 09/01/1996  
Facility name: MATTHEWS INTERNATIONAL CORP  
Facility address: 28261 HWY 74  
ROMOLAND, CA 92585  
EPA ID: CAD981386956  
Mailing address: P O BOX N  
SUN CITY, CA 92381  
Contact: Not reported  
Contact address: Not reported  
Not reported  
Contact country: Not reported  
Contact telephone: Not reported  
Contact email: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MATTHEWS INTERNATIONAL CORP (Continued)

1000409374

EPA Region: 09  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

### Owner/Operator Summary:

Owner/operator name: MATTHEWS INTNL CORP  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

### Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

### Historical Generators:

Date form received by agency: 09/01/1996  
Facility name: MATTHEWS INTERNATIONAL CORP  
Classification: Small Quantity Generator

Date form received by agency: 02/11/1986  
Facility name: MATTHEWS INTERNATIONAL CORP  
Classification: Small Quantity Generator

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MATTHEWS INTERNATIONAL CORP (Continued)

1000409374

Violation Status: No violations found

### Evaluation Action Summary:

Evaluation date: 06/24/2003  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

### FINDS:

Registry ID: 110000608343

### Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

### CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

### HAZNET:

Year: 2006  
Gepaid: CAD981386956  
Contact: ROCKY THORNTON  
Telephone: 9099281974  
Mailing Name: Not reported  
Mailing Address: PO BOX 460  
Mailing City,St,Zip: SUN CITY, CA 925860460  
Gen County: Not reported  
TSD EPA ID: AZ0000337360  
TSD County: Not reported  
Waste Category: Not reported  
Disposal Method: Recycler  
Tons: 0.38  
Facility County: Riverside

Year: 2006  
Gepaid: CAD981386956  
Contact: ROCKY THORNTON  
Telephone: 9099281974  
Mailing Name: Not reported  
Mailing Address: PO BOX 460  
Mailing City,St,Zip: SUN CITY, CA 925860460  
Gen County: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MATTHEWS INTERNATIONAL CORP (Continued)**

**1000409374**

TSD EPA ID:	ARD981057870
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	Not reported
Tons:	0.05
Facility County:	Riverside
Year:	2006
Gepaid:	CAD981386956
Contact:	ROCKY THORNTON
Telephone:	9099281974
Mailing Name:	Not reported
Mailing Address:	PO BOX 460
Mailing City,St,Zip:	SUN CITY, CA 925860460
Gen County:	Not reported
TSD EPA ID:	ARD981057870
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Not reported
Tons:	0.12
Facility County:	Riverside
Year:	2006
Gepaid:	CAD981386956
Contact:	ROCKY THORNTON
Telephone:	9099281974
Mailing Name:	Not reported
Mailing Address:	PO BOX 460
Mailing City,St,Zip:	SUN CITY, CA 925860460
Gen County:	Not reported
TSD EPA ID:	ARD981057870
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Not reported
Tons:	0.22
Facility County:	Riverside
Year:	2006
Gepaid:	CAD981386956
Contact:	ROCKY THORNTON
Telephone:	9099281974
Mailing Name:	Not reported
Mailing Address:	PO BOX 460
Mailing City,St,Zip:	SUN CITY, CA 925860460
Gen County:	Not reported
TSD EPA ID:	ARD981057870
TSD County:	Not reported
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Not reported
Tons:	0.68
Facility County:	Riverside

[Click this hyperlink](#) while viewing on your computer to access 29 additional CA\_HAZNET: record(s) in the EDR Site Report.

EMI:

Year: 1990



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MATTHEWS INTERNATIONAL CORP (Continued)

1000409374

County Code: 33  
Air Basin: SC  
Facility ID: 11417  
Air District Name: SC  
SIC Code: 3366  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 6  
Reactive Organic Gases Tons/Yr: 2  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1995  
County Code: 33  
Air Basin: SC  
Facility ID: 11417  
Air District Name: SC  
SIC Code: 3366  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 13  
Reactive Organic Gases Tons/Yr: 8  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 17  
Part. Matter 10 Micrometers & Smllr Tons/Yr: 12

Year: 1997  
County Code: 33  
Air Basin: SC  
Facility ID: 11417  
Air District Name: SC  
SIC Code: 3366  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2  
Reactive Organic Gases Tons/Yr: 2  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 10  
Part. Matter 10 Micrometers & Smllr Tons/Yr: 7

Year: 1998  
County Code: 33  
Air Basin: SC  
Facility ID: 11417  
Air District Name: SC  
SIC Code: 3366  
Air District Name: SOUTH COAST AQMD

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## MATTHEWS INTERNATIONAL CORP (Continued)

1000409374

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	10
Part. Matter 10 Micrometers & Smllr Tons/Yr:	7
Year:	1999
County Code:	33
Air Basin:	SC
Facility ID:	11417
Air District Name:	SC
SIC Code:	3366
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	10
Part. Matter 10 Micrometers & Smllr Tons/Yr:	7
Year:	2000
County Code:	33
Air Basin:	SC
Facility ID:	11417
Air District Name:	SC
SIC Code:	3366
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	10
Part. Matter 10 Micrometers & Smllr Tons/Yr:	7
Year:	2001
County Code:	33
Air Basin:	SC
Facility ID:	11417
Air District Name:	SC
SIC Code:	3366
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number  
Database(s)  
EPA ID Number

**MATTHEWS INTERNATIONAL CORP (Continued)**

**1000409374**

SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 10  
Part. Matter 10 Micrometers & Smllr Tons/Yr: 7

**5 DOUBLE BUTTE WASTE DISPOSAL SI  
31-710 GRAND AVENUE  
WINCHESTER, CA 92396**

**HIST UST U001575836  
N/A**

**HIST UST:**

Region: STATE  
Facility ID: 00000065428  
Facility Type: Other  
Other Type: WASTE DISPOSAL SITE  
Total Tanks: 0001  
Contact Name: JUDY CARPENTER  
Telephone: 7149263223  
Owner Name: COUNTY OF RIVERSIDE  
Owner Address: 4080 LEMON STREET  
Owner City,St,Zip: RIVERSIDE, CA 92501

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00008300  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

**5 STORM-DOUBLE BUTTE LANDFILL  
31710 GRAND AVE  
WINCHESTER, CA 92396**

**WDS S103652282  
Cortese N/A  
SWEEPS UST  
ENF**

**CA WDS:**

Facility ID: Santa Ana River 33I000665  
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 8  
Facility Telephone: 9092751370  
Facility Contact: RICHARD CHASE  
Agency Name: RIVERSIDE CO. WASTE MGMT  
Agency Address: 14310 FREDERICK STREET  
Agency City,St,Zip: MORENO VALLEY 92553  
Agency Contact: ROBERT NELSON  
Agency Telephone: 9094863200  
Agency Type: County  
SIC Code: 0

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## STORM-DOUBLE BUTTE LANDFILL (Continued)

S103652282

SIC Code 2: Not reported  
Primary Waste Type: Not reported  
Primary Waste: Not reported  
Waste Type2: Not reported  
Waste2: Not reported  
Primary Waste Type: Not reported  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 0  
Baseline Flow: 0  
Reclamation: Not reported  
POTW: Not reported  
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

## CORTESE:

Region: CORTESE  
Envirostor Id: Not reported  
Site/Facility Type: Not reported  
Cleanup Status: Not reported  
Status Date: Not reported  
Site Code: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Owner: Not reported  
Enf Type: Not reported  
Swat R: Not reported  
Flag: CORTESE  
Order No: 72-029  
Waste Discharge System No: Not reported  
Effective Date: 06/22/1972  
Region 2: 8  
WID Id: 8 330305012  
Solid Waste Id No: Not reported  
Waste Management Uit Name: Not reported

Region: CORTESE  
Envirostor Id: Not reported  
Site/Facility Type: Not reported  
Cleanup Status: Not reported  
Status Date: Not reported  
Site Code: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Owner: Not reported  
Enf Type: Not reported  
Swat R: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## **STORM-DOUBLE BUTTE LANDFILL (Continued)**

**S103652282**

Flag: CORTESE  
Order No: 72-029  
Waste Discharge System No: Not reported  
Effective Date: 06/22/1972  
Region 2: 8  
WID Id: 8 330305012  
Solid Waste Id No: Not reported  
Waste Management Uit Name: Not reported

### **SWEEPS UST:**

Status: Active  
Comp Number: 65428  
Number: 4  
Board Of Equalization: 44-017842  
Referral Date: 10-29-92  
Action Date: 10-29-92  
Created Date: 02-29-88  
Owner Tank Id: 000419  
SWRCB Tank Id: 33-000-065428-000001  
Tank Status: A  
Capacity: 8300  
Active Date: 10-29-92  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: 1

### **ENF:**

Region: 8  
Facility Id: 236447  
Agency Name: Not reported  
Place Type: Waste Management Unit  
Place Subtype: Land fill  
Facility Type: Solid Waste Class III - nonhazardous solid wastes  
Agency Type: Not reported  
# Of Agencies: Not reported  
Place Latitude: Not reported  
Place Longitude: Not reported  
SIC Code 1: 4953  
SIC Desc 1: Refuse Systems  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Enf Action  
Design Flow: Not reported  
Threat To Water Quality: Not reported  
Complexity: Not reported  
Pretreatment: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## STORM-DOUBLE BUTTE LANDFILL (Continued)

S103652282

Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	246256
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice to Comply
Effective Date:	10/17/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 8 330305012
Description:	Issued NTC to address cracks in top deck, crack in middle bench W of Unit F, concrete drainage ditch cracks W of Unit F, cracks in asphalt drainage ditches, vector holes top deck Unit E and W side of Unit F.
Program:	LNDISP
Latest Milestone Completion Date:	2002-11-14
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## STORM-DOUBLE BUTTE LANDFILL (Continued)

S103652282

Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	236447
Agency Name:	Riverside Cnty Waste Management Dept
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 330305012
Reg Measure Id:	137363
Reg Measure Type:	WDR
Region:	8
Order #:	72-029
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	02/13/2014
Effective Date:	06/22/1972
Expiration/Review Date:	12/30/2015

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## **STORM-DOUBLE BUTTE LANDFILL (Continued)**

**S103652282**

Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	2013-09-20 00:00:00
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	385140
Region:	8
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	03/30/2012
Adoption/Issuance Date:	03/30/2012
Achieve Date:	Not reported
Termination Date:	04/24/2012
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	SEL 03/30/2012 for Riverside Cnty Waste Management Dept
Description:	The RCWMD corrected the minor problem areas on 04/23/12 (see attached document)
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	236447
Agency Name:	Riverside Cnty Waste Management Dept
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## STORM-DOUBLE BUTTE LANDFILL (Continued)

S103652282

NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 330305012
Reg Measure Id:	137363
Reg Measure Type:	WDR
Region:	8
Order #:	72-029
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	02/13/2014
Effective Date:	06/22/1972
Expiration/Review Date:	12/30/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	2013-09-20 00:00:00
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	244451
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	10/01/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 8 330305012
Description:	13267 LETTER FOR RAD WASTE INVESTIGATION.
Program:	LNDISP
Latest Milestone Completion Date:	2003-01-17

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## STORM-DOUBLE BUTTE LANDFILL (Continued)

S103652282

# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	236447
Agency Name:	Riverside Cnty Waste Management Dept
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 330305012
Reg Measure Id:	137363
Reg Measure Type:	WDR
Region:	8
Order #:	72-029
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## **STORM-DOUBLE BUTTE LANDFILL (Continued)**

**S103652282**

Status:	Active
Status Date:	02/13/2014
Effective Date:	06/22/1972
Expiration/Review Date:	12/30/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	2013-09-20 00:00:00
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	234355
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	03/16/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	2001-10-15
Termination Date:	03/16/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 330305012
Description:	NOV ISSUED REQUIRING DISCHARGER TO SUBMIT A DETAILED WORKPLAN WITH PROPOSED CORRECTIVE MEASURES TO BRING SITE INTO COMPLIANCE. ALL REPAIRS/ CORRECTIVE MEASURES MUST BE COMPLETED BY OCT 1, 2000.
Program:	LNDISP
Latest Milestone Completion Date:	2001-10-15
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	236447
Agency Name:	Riverside Cnty Waste Management Dept
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## STORM-DOUBLE BUTTE LANDFILL (Continued)

S103652282

SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 330305012
Reg Measure Id:	137363
Reg Measure Type:	WDR
Region:	8
Order #:	72-029
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	02/13/2014
Effective Date:	06/22/1972
Expiration/Review Date:	12/30/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	2013-09-20 00:00:00
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	234104
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	04/15/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	04/15/1994
ACL Issuance Date:	Not reported



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## **STORM-DOUBLE BUTTE LANDFILL (Continued)**

**S103652282**

EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 330305012
Description:	Evaluation Monitoring program implemented.
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	236447
Agency Name:	Riverside Cnty Waste Management Dept
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 330305012
Reg Measure Id:	137363
Reg Measure Type:	WDR
Region:	8
Order #:	72-029
Npdes# CA#:	Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## STORM-DOUBLE BUTTE LANDFILL (Continued)

S103652282

Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	02/13/2014
Effective Date:	06/22/1972
Expiration/Review Date:	12/30/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	2013-09-20 00:00:00
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	234103
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	11/30/1992
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/30/1992
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 330305012
Description:	Water quality/ verification monitoring & reporting program implemented.
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	236447
Agency Name:	Riverside Cnty Waste Management Dept
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## STORM-DOUBLE BUTTE LANDFILL (Continued)

S103652282

SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 330305012
Reg Measure Id:	137363
Reg Measure Type:	WDR
Region:	8
Order #:	72-029
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	02/13/2014
Effective Date:	06/22/1972
Expiration/Review Date:	12/30/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	2013-09-20 00:00:00
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	233459
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	12/09/1999

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## **STORM-DOUBLE BUTTE LANDFILL (Continued)**

**S103652282**

Adoption/Issuance Date:	Not reported
Achieve Date:	1999-12-12
Termination Date:	12/09/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 330305012
Description:	Discharger was instructed to remove brush and debris clogging concrete drainage control structures in the eastern portion of the site.
Program:	LNDISP
Latest Milestone Completion Date:	1999-12-12
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	236447
Agency Name:	Riverside Cnty Waste Management Dept
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## STORM-DOUBLE BUTTE LANDFILL (Continued)

S103652282

WDID:	8 330305012
Reg Measure Id:	137363
Reg Measure Type:	WDR
Region:	8
Order #:	72-029
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	02/13/2014
Effective Date:	06/22/1972
Expiration/Review Date:	12/30/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	2013-09-20 00:00:00
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	233458
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	12/09/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	1999-12-22
Termination Date:	12/09/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 330305012
Description:	RCWMD rep was instructed to have the fence repaired as soon as possible.
Program:	LNDISP
Latest Milestone Completion Date:	1999-12-22
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	236447
Agency Name:	Riverside Cnty Waste Management Dept
Place Type:	Waste Management Unit
Place Subtype:	Land fill

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## **STORM-DOUBLE BUTTE LANDFILL (Continued)**

**S103652282**

Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 330305012
Reg Measure Id:	137363
Reg Measure Type:	WDR
Region:	8
Order #:	72-029
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	02/13/2014
Effective Date:	06/22/1972
Expiration/Review Date:	12/30/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	2013-09-20 00:00:00
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	59 - Land Disposal Site not paying tipping fee



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## **STORM-DOUBLE BUTTE LANDFILL (Continued)**

**S103652282**

Direction/Voice:	Passive
Enforcement Id(EID):	233457
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	12/09/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	1999-12-22
Termination Date:	12/09/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 330305012
Description:	RCWMD was notified that the erosion observed on site would need to be repaired immediately.
Program:	LNDISP
Latest Milestone Completion Date:	1999-12-22
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	236447
Agency Name:	Riverside Cnty Waste Management Dept
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## STORM-DOUBLE BUTTE LANDFILL (Continued)

S103652282

Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 330305012
Reg Measure Id:	137363
Reg Measure Type:	WDR
Region:	8
Order #:	72-029
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	02/13/2014
Effective Date:	06/22/1972
Expiration/Review Date:	12/30/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	2013-09-20 00:00:00
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	233184
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	08/10/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	1999-08-12
Termination Date:	08/10/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 330305012
Description:	The RCWMD was required to submit a time schedule per Items 3, 7, & 8 of CAO No. 94-31 by 09/09/99. The County submitted an EMP action plan letter on 08/12/99, proposing to submit the time schedule by 10/99.
Program:	LNDISP
Latest Milestone Completion Date:	1999-08-12
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## STORM-DOUBLE BUTTE LANDFILL (Continued)

S103652282

Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	236447
Agency Name:	Riverside Cnty Waste Management Dept
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 330305012
Reg Measure Id:	137363
Reg Measure Type:	WDR
Region:	8
Order #:	72-029
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	02/13/2014
Effective Date:	06/22/1972
Expiration/Review Date:	12/30/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	2013-09-20 00:00:00

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**STORM-DOUBLE BUTTE LANDFILL (Continued)**

**S103652282**

WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	223523
Region:	8
Order / Resolution Number:	91-071
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	06/24/1991
Adoption/Issuance Date:	Not reported
Achieve Date:	1994-04-22
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 330305012
Description:	TIME SCHEDULE FOR DRAINAGE IMPROVEMENTS
Program:	LNDISP
Latest Milestone Completion Date:	1994-04-22
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	236447
Agency Name:	Riverside Cnty Waste Management Dept
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## STORM-DOUBLE BUTTE LANDFILL (Continued)

S103652282

Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 330305012
Reg Measure Id:	137363
Reg Measure Type:	WDR
Region:	8
Order #:	72-029
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	02/13/2014
Effective Date:	06/22/1972
Expiration/Review Date:	12/30/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	2013-09-20 00:00:00
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	223187
Region:	8
Order / Resolution Number:	94-031
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	03/02/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	1994-04-15
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 8 330305012
Description:	ADDITIONAL GROUNDWATER MONITORING AND CLEANUP
Program:	LNDISP
Latest Milestone Completion Date:	1994-04-15
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## STORM-DOUBLE BUTTE LANDFILL (Continued)

S103652282

Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	236447
Agency Name:	Riverside Cnty Waste Management Dept
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 330305012
Reg Measure Id:	137363
Reg Measure Type:	WDR
Region:	8
Order #:	72-029
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	02/13/2014
Effective Date:	06/22/1972
Expiration/Review Date:	12/30/2015



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## **STORM-DOUBLE BUTTE LANDFILL (Continued)**

**S103652282**

Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	2013-09-20 00:00:00
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	223183
Region:	8
Order / Resolution Number:	94-03413
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	04/22/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 330305012
Description:	RESCINDS CAO 91-71
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	236447
Agency Name:	Riverside Cnty Waste Management Dept
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## STORM-DOUBLE BUTTE LANDFILL (Continued)

S103652282

# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFNONOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 330305012
Reg Measure Id:	137363
Reg Measure Type:	WDR
Region:	8
Order #:	72-029
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	02/13/2014
Effective Date:	06/22/1972
Expiration/Review Date:	12/30/2015
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	2013-09-20 00:00:00
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	221831
Region:	8
Order / Resolution Number:	98-083
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	07/09/1998
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 8 330305012
Description:	AMENDS CAO 94-31 TO ELIMINATE REQUIREMENT FOR MONTHLY PROGRESS REPORTS & REMEDIAL ACTIVITY UPDATES
Program:	LNDISP
Latest Milestone Completion Date:	Not reported

MAP FINDINGS
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Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**STORM-DOUBLE BUTTE LANDFILL (Continued)**

**S103652282**

# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0

6

**LEON & GRAND AVE  
WINCHESTER (NR), CA 92396**

**ERNS 91234550  
N/A**

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

6

**LEON & GRAND AVE  
WINCHESTER, CA 92585**

**CDL S107539192  
N/A**

CDL:

Facility ID:	200109030
Date:	09/06/2001
Lab Type:	Abandoned Drug Lab Waste (A) - location away from an actual illegal drug lab where drug lab waste and/or equipment were abandoned.

6

**LEON AND GRAND  
WHORCHESTER, CA 92396**

**CHMIRS S100278156  
N/A**

CHMIRS:

OES Incident Number:	9119099
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	11-SEP-91
<b>Date Completed:</b>	<b>11-SEP-91</b>
Property Use:	931
Agency Id Number:	33090
Agency Incident Number:	91-37722
Time Notified:	1923
Time Completed:	2145
Surrounding Area:	931
Estimated Temperature:	Not reported
Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	N

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S100278156

Resp Agency Personnel # Of Decontaminated: 0  
Responding Agency Personnel # Of Injuries: 0  
Responding Agency Personnel # Of Fatalities: 0  
Others Number Of Decontaminated: 0  
Others Number Of Injuries: 0  
Others Number Of Fatalities: 0  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA/DOT/PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: RON REYNOLDS  
Report Date: 11-SEP-91  
Comments: Y  
Facility Telephone: 714 657-3183  
Waterway Involved: Not reported  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Not reported  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 88-92  
Agency: Not reported  
Incident Date: Not reported  
Admin Agency: Not reported  
Amount: Not reported  
Contained: Not reported  
Site Type: Not reported  
E Date: 03-AUG-92  
Substance: Not reported  
Quantity Released: Not reported  
BBLs: Not reported  
Cups: Not reported  
CUFT: Not reported  
Gallons: Not reported  
Grams: Not reported  
Pounds: Not reported  
Liters: Not reported  
Ounces: Not reported  
Pints: Not reported  
Quarts: Not reported  
Sheen: Not reported  
Tons: Not reported  
Unknown: Not reported  
Evacuations: Not reported  
Number of Injuries: Not reported  
Number of Fatalities: Not reported  
Description: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site  
Database(s)  
EDR ID Number  
EPA ID Number

7 HERITAGE LAKE SCHOOL #2 SCH S108195952  
HERITAGE LAKE DRIVE AND GRAND AVENUE ENVIROSTOR N/A  
ROMOLAND, CA 92585

## SCH:

Facility ID: 60000480  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 20  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Aslam Shareef  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 404727  
Assembly: 67  
Senate: 23  
Special Program Status: Not reported  
Status: No Further Action  
Status Date: 11/20/2008  
Restricted Use: NO  
Funding: School District  
Latitude: 33.71048  
Longitude: -117.1408  
APN: "333-190-010, 333190010"  
Past Use: AGRICULTURAL - ROW CROPS  
Potential COC: "30001, Chlordane, DDD, DDE, DDT, 30013"  
Confirmed COC: "30001-NO, 30004-NO, 30006-NO, 30007-NO, 30008-NO, 30013-NO"  
Potential Description: SOIL  
Alias Name: 333-190-010  
Alias Type: APN  
Alias Name: 333190010  
Alias Type: APN  
Alias Name: 404727  
Alias Type: Project Code (Site Code)  
Alias Name: 60000480  
Alias Type: Envirostor ID Number

## Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Workplan  
Completed Date: 07/22/2008  
Comments: PEA Workplan was conditionally approved by DTSC for implementation provided the District address several issues detailed with the approval letter during the sampling event.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 11/24/2008  
Comments: PEA No Further Action determination was forwarded to the district

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Inactive Status Letter

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**HERITAGE LAKE SCHOOL #2 (Continued)**

**S108195952**

Completed Date: 03/02/2007  
Comments: Fill material placed on the site by the developer will be removed by the developer sometime within the next six months. Sampling of the site will take place following fill removal. DTSC will follow up with the District in six months to verify fill removal.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 12/10/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 11/29/2006  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 12/15/2006  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**ENVIROSTOR:**

Facility ID: 60000480  
Status: No Further Action  
Status Date: 11/20/2008  
Site Code: 404727  
Site Type: School Investigation  
Site Type Detailed: School  
Acres: 20  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Aslam Shareef  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Assembly: 67  
Senate: 23  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 33.71048  
Longitude: -117.1408  
APN: "333-190-010, 333190010"



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**HERITAGE LAKE SCHOOL #2 (Continued)**

**S108195952**

Past Use: AGRICULTURAL - ROW CROPS  
Potential COC: "30001 Chlordane DDD DDE DDT 30013"  
Confirmed COC: "30001-NO 30004-NO 30006-NO 30007-NO 30008-NO 30013-NO"  
Potential Description: SOIL  
Alias Name: 333-190-010  
Alias Type: APN  
Alias Name: 333190010  
Alias Type: APN  
Alias Name: 404727  
Alias Type: Project Code (Site Code)  
Alias Name: 60000480  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Workplan  
Completed Date: 07/22/2008  
Comments: PEA Workplan was conditionally approved by DTSC for implementation provided the District address several issues detailed with the approval letter during the sampling event.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 11/24/2008  
Comments: PEA No Further Action determination was forwarded to the district

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Inactive Status Letter  
Completed Date: 03/02/2007  
Comments: Fill material placed on the site by the developer will be removed by the developer sometime within the next six months. Sampling of the site will take place following fill removal. DTSC will follow up with the District in six months to verify fill removal.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 12/10/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 11/29/2006  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 12/15/2006  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## HERITAGE LAKE SCHOOL #2 (Continued)

S108195952

Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

8

CHMIRS S107453661  
N/A

## SIMPSON RD. @ LEON RD. WINCHESTER, CA 92572

### CHMIRS:

OES Incident Number: 04-6162  
OES notification: 11/26/2004  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agency Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA/DOT/PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: Not reported  
Waterway: Temescal Creek  
Spill Site: Not reported  
Cleanup By: Reporting Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S107453661

Date/Time: Not reported  
Year: 2004  
Agency: Eastern Municipal Water Dist  
Incident Date: 11/26/2004 12:00:00 AM  
Admin Agency: Riverside County Environmental Health  
Amount: Not reported  
Contained: Yes  
Site Type: Waterways  
E Date: Not reported  
Substance: Motor Oil  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 0.000000  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 17  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Release due to a compressor break down that blew a plug. Substance went to a pond for recycled waste water. Every winter this waste water is discharged from the pond to Temescal Creek, they have a permit for this. They haven't observed a sheen on the pond, they are observing it to determine if one appears.

8

**WINCHESTER PONDS  
SIMPSON & LEON  
WINCHESTER, CA 0**

**WDS S103617711  
N/A**

CA WDS:

Facility ID: Santa Ana River 332348001  
Facility Type: Municipal/Domestic - Facility that treats sewage or a mixture of predominantly sewage and other waste from districts, municipalities, communities, hospitals, schools, and publicly or privately owned systems (excluding individual subsurface leaching systems disposing of less than 1,000 gallons per day).  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: Not reported  
Subregion: 8  
Facility Telephone: Not reported  
Facility Contact: CLAIRE HARRISON  
Agency Name: EASTERN MUNICIPAL WATER DIST.  
Agency Address: PO BOX 8300  
Agency City,St,Zip: PERRIS 925728300  
Agency Contact: ANTHONY PACK  
Agency Telephone: 9519283777  
Agency Type: Special District (Includes districts established under general acts, sanitary districts, water districts irrigation districts, etc.)  
SIC Code: 4952

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## WINCHESTER PONDS (Continued)

S103617711

SIC Code 2: Not reported  
Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).  
Primary Waste: DOMEST  
Waste Type2: Not reported  
Waste2: Domestic Sewage  
Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 0  
Baseline Flow: 0  
Reclamation: Producer-User: Reclamation requirements that have been issued to a producer of reclaimed water who also uses the product.  
POTW: The facility is not a POTW.  
Treat To Water: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.  
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

9

**CHARLES JOHNSON**  
**28875 MEMORY LN**  
**WINCHESTER, CA 92396**

**HIST UST U001575834**  
**N/A**

HIST UST:  
Region: STATE  
Facility ID: 00000053211  
Facility Type: Other  
Other Type: FARM  
Total Tanks: 0001  
Contact Name: Not reported  
Telephone: 7149261427  
Owner Name: CHARLES JOHNSON  
Owner Address: 28875 MEMORY LN.  
Owner City,St,Zip: WINCHESTER, CA 92396

Tank Num: 001  
Container Num: 0001  
Year Installed: 1984  
Tank Capacity: 00008000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: Not reported  
Leak Detection: Visual

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site  
Database(s)  
EPA ID Number  
EDR ID Number

10 NEW ELEMENTARY SCHOOL NO. 6  
LA VENTANA ROAD/NEWPORT ROAD  
WINCHESTER (UNINCORPORATED), CA 92544 SCH S108936086  
ENVIROSTOR N/A

SCH:

Facility ID: 60000762  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 12  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Not reported  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 404761  
Assembly: 67  
Senate: 28  
Special Program Status: Not reported  
Status: No Further Action  
Status Date: 09/03/2008  
Restricted Use: NO  
Funding: School District  
Latitude: 33.6965  
Longitude: -117.129  
APN: NONE SPECIFIED  
Past Use: UNKNOWN  
Potential COC: Under Investigation  
Confirmed COC: NONE SPECIFIED  
Potential Description: SOIL  
Alias Name: 404761  
Alias Type: Project Code (Site Code)  
Alias Name: 60000762  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/03/2008  
Comments: DTSC concurred with the proposed sampling.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 09/03/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 09/11/2008  
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**NEW ELEMENTARY SCHOOL NO. 6 (Continued)**

**S108936086**

Completed Date: 12/03/2007  
Comments: Sent fully executed agreement to district

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**ENVIROSTOR:**

Facility ID: 60000762  
Status: No Further Action  
Status Date: 09/03/2008  
Site Code: 404761  
Site Type: School Investigation  
Site Type Detailed: School  
Acres: 12  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Not reported  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Assembly: 67  
Senate: 28  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 33.6965  
Longitude: -117.129  
APN: NONE SPECIFIED  
Past Use: UNKNOWN  
Potential COC: Under Investigation  
Confirmed COC: NONE SPECIFIED  
Potential Description: SOIL  
Alias Name: 404761  
Alias Type: Project Code (Site Code)  
Alias Name: 60000762  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/03/2008  
Comments: DTSC concurred with the proposed sampling.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 09/03/2008  
Comments: Not reported



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## NEW ELEMENTARY SCHOOL NO. 6 (Continued)

S108936086

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 09/11/2008  
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 12/03/2007  
Comments: Sent fully executed agreement to district

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

11

**ELEMENTARY SCHOOL NO. 10  
BEELER ROAD/PATTON AVENUE  
WINCHESTER, CA 92596**

**SCH S107736279  
ENVIROSTOR N/A**

SCH:

Facility ID: 60000105  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 12  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Amit Pathak  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 404639  
Assembly: 67  
Senate: 28  
Special Program Status: Voluntary Cleanup Program  
Status: No Further Action  
Status Date: 06/01/2006  
Restricted Use: NO  
Funding: School District  
Latitude: 33.6943  
Longitude: -117.1044  
APN: 461-18-0036  
Past Use: AGRICULTURAL - ROW CROPS  
Potential COC: "30001, Chlordane, Total Chromium (1:6 ratio Cr VI:Cr III, DDD, DDE, DDT, Endrin, Lead, 30207"  
Confirmed COC: "30001-NO, 30004-NO, 30005-NO, 30006-NO, 30007-NO, 30008-NO, 30010-NO, 30013-NO, 30207-NO"  
Potential Description: NMA  
Alias Name: HEMET USD-PROPOSED ES NO. 10

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**ELEMENTARY SCHOOL NO. 10 (Continued)**

**S107736279**

Alias Type:	Alternate Name
Alias Name:	Proposed Pleasant Valley Elementary School
Alias Type:	Alternate Name
Alias Name:	461-18-0036
Alias Type:	APN
Alias Name:	404639
Alias Type:	Project Code (Site Code)
Alias Name:	60000105
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	10/19/2005
Comments:	Tech Memo Approved

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	01/18/2006
Comments:	NFA

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	07/15/2005
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	03/10/2006
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

ENVIROSTOR:

Facility ID:	60000105
Status:	No Further Action
Status Date:	06/01/2006
Site Code:	404639
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	12
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Amit Pathak

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**ELEMENTARY SCHOOL NO. 10 (Continued)**

**S107736279**

Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Assembly: 67  
Senate: 28  
Special Program: Voluntary Cleanup Program  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 33.6943  
Longitude: -117.1044  
APN: 461-18-0036  
Past Use: AGRICULTURAL - ROW CROPS  
Potential COC: "30001 Chlordane Total Chromium (1:6 ratio Cr VI:Cr III DDD DDE DDT  
Endrin Lead 30207"  
Confirmed COC: "30001-NO 30004-NO 30005-NO 30006-NO 30007-NO 30008-NO 30010-NO  
30013-NO 30207-NO"  
Potential Description: NMA  
Alias Name: HEMET USD-PROPOSED ES NO. 10  
Alias Type: Alternate Name  
Alias Name: Proposed Pleasant Valley Elementary School  
Alias Type: Alternate Name  
Alias Name: 461-18-0036  
Alias Type: APN  
Alias Name: 404639  
Alias Type: Project Code (Site Code)  
Alias Name: 60000105  
Alias Type: Envirostor ID Number  
Completed Info:  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Workplan  
Completed Date: 10/19/2005  
Comments: Tech Memo Approved  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 01/18/2006  
Comments: NFA  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 07/15/2005  
Comments: Not reported  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 03/10/2006  
Comments: Not reported  
Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**ELEMENTARY SCHOOL NO. 10 (Continued)**

**S107736279**

Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**12 LEVEL 3 COMMUNICATIONS LLC-MENFCABG  
29801 SCOTT RD  
MENIFEE, CA**

**FINDS 1016420888  
N/A**

**FINDS:**

Registry ID: 110055682747

Environmental Interest/Information System

**13 KB HOMES  
33076 IOLITE ST  
MENIFEE, CA 92584**

**HAZNET S112936562  
N/A**

**HAZNET:**

Year: 2004  
Gepaid: CAC002575958  
Contact: BOB BORQUE  
Telephone: 8585836117  
Mailing Name: Not reported  
Mailing Address: 6920 MIRA MAR RD STE 303  
Mailing City,St,Zip: SAN DIEGO, CA 92121  
Gen County: Not reported  
TSD EPA ID: CAT080033681  
TSD County: Not reported  
Waste Category: Other organic solids  
Disposal Method: Recycler  
Tons: 0.25  
Facility County: Riverside

**14 K B HOME  
33187 GYPSUM ST  
MENIFEE, CA 92584**

**HAZNET S112937372  
N/A**

**HAZNET:**

Year: 2004  
Gepaid: CAC002577264  
Contact: RAINER BUCH  
Telephone: 8582596000  
Mailing Name: Not reported  
Mailing Address: 12235 EL CAMINO REALN STE 100  
Mailing City,St,Zip: SAN DIEGO, CA 92130  
Gen County: Not reported  
TSD EPA ID: CAT080033681  
TSD County: Not reported  
Waste Category: Other organic solids  
Disposal Method: Recycler  
Tons: 0.05  
Facility County: Riverside

MAP FINDINGS

Map ID Direction Distance Distance (ft.)Site		Database(s)	EDR ID Number EPA ID Number
15	<b>33850 SUNDROP AVE</b> <b>MURRIETA, CA 92563</b>  EDR Historical Cleaners: Name: ADVANTECH CARPETTILE CLEANING Year: 2010 Address: 33850 SUNDROP AVE	EDR US Hist Cleaners	1015045879 N/A
15	<b>29213 DANDELION WAY</b> <b>MURRIETA, CA 92563</b>  EDR Historical Auto Stations: Name: STEVES MOBILE A C & TRUCK REPAIR Year: 2008 Address: 29213 DANDELION WAY	EDR US Hist Auto Stat	1015394292 N/A
15	<b>33687 PETUNIA ST</b> <b>MURRIETA, CA 92563</b>  EDR Historical Auto Stations: Name: AUTO EXCELLENCE THE Year: 2009 Address: 33687 PETUNIA ST	EDR US Hist Auto Stat	1015434503 N/A
15	<b>29032 AZARA ST</b> <b>MURRIETA, CA 92563</b>  EDR Historical Auto Stations: Name: CAPITAL MOTORS Year: 2007 Address: 29032 AZARA ST  Name: CAPITAL MOTORS Year: 2008 Address: 29032 AZARA ST	EDR US Hist Auto Stat	1015392757 N/A
16	<b>PINTO RANCH</b> <b>33780 BRIGGS RD</b> <b>MENIFEE, CA 92380</b>  HIST UST: Region: STATE Facility ID: 00000049260 Facility Type: Other Other Type: RANCH Total Tanks: 0001 Contact Name: Not reported Telephone: 7149261634 Owner Name: MC ELHINNEY, DOROTHY D. Owner Address: 33780 BRIGGS RD. Owner City,St,Zip: ROMOLAND, CA 92380	HIST UST	U001575593 N/A

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## PINTO RANCH (Continued)

U001575593

Tank Num: 001  
Container Num: 1  
Year Installed: 1958  
Tank Capacity: 00000500  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

17

**PROPOSED ELEMENTARY SCHOOL NO. 10-A  
NORTHEAST CORNER ELLIOTT ROAD AND PAT ROAD  
WINCHESTER, CA 92596**

**SCH S111290786  
ENVIROSTOR N/A**

SCH:

Facility ID: 60001559  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 17.42  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Aslam Shareef  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 404867  
Assembly: 67  
Senate: 28  
Special Program Status: Not reported  
Status: No Further Action  
Status Date: 01/19/2012  
Restricted Use: NO  
Funding: Responsible Party  
Latitude: 33.6207  
Longitude: -117.1089  
APN: "480-030-025, 480-030-026"  
Past Use: "NONE, TRANSPORTATION - WAREHOUSING"  
Potential COC: Lead  
Confirmed COC: 30013-NO  
Potential Description: NMA  
Alias Name: 480-030-025  
Alias Type: APN  
Alias Name: 480-030-026  
Alias Type: APN  
Alias Name: 404867  
Alias Type: Project Code (Site Code)  
Alias Name: 60001559  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 11/29/2011  
Comments: DTSC prepared a project closeout Cost Recovery Unit Memorandum



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**PROPOSED ELEMENTARY SCHOOL NO. 10-A (Continued)**

**S111290786**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 11/15/2011  
Comments: The Report was considered to be a Phase I Addendum due to the inclusion of sampling results for lead from lead-based paint and OCPs from termiticides. DTSC approved the Phase I Addendum with a No Further Action determination

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**ENVIROSTOR:**

Facility ID: 60001559  
Status: No Further Action  
Status Date: 01/19/2012  
Site Code: 404867  
Site Type: School Investigation  
Site Type Detailed: School  
Acres: 17.42  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Aslam Shareef  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Assembly: 67  
Senate: 28  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Responsible Party  
Latitude: 33.6207  
Longitude: -117.1089  
APN: "480-030-025, 480-030-026"  
Past Use: "NONE, TRANSPORTATION - WAREHOUSING"  
Potential COC: Lead  
Confirmed COC: 30013-NO  
Potential Description: NMA  
Alias Name: 480-030-025  
Alias Type: APN  
Alias Name: 480-030-026  
Alias Type: APN  
Alias Name: 404867  
Alias Type: Project Code (Site Code)  
Alias Name: 60001559  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## PROPOSED ELEMENTARY SCHOOL NO. 10-A (Continued)

S111290786

Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 11/29/2011  
Comments: DTSC prepared a project closeout Cost Recovery Unit Memorandum

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 11/15/2011  
Comments: The Report was considered to be a Phase I Addendum due to the inclusion of sampling results for lead from lead-based paint and OCPs from termiticides. DTSC approved the Phase I Addendum with a No Further Action determination

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

18 TRACT 30433 BRIGGS ROAD  
PAT RD AND BRIGGS RD  
MURRIETA, CA 92563

NPDES S111292991  
N/A

### NPDES:

Npdes Number: CAS000002  
Facility Status: Terminated  
Agency Id: 0  
Region: 9  
Regulatory Measure Id: 313274  
Order No: 2009-0009-DWQ  
Regulatory Measure Type: Enrollee  
Place Id: Not reported  
WDID: 9 33C344080  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 10/20/2006  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: 05/25/2012  
Discharge Name: KB Home  
Discharge Address: 36310 Inland Valley Road  
Discharge City: Wildomar  
Discharge State: California  
Discharge Zip: 92595

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)

Site

Database(s)

EDR ID Number  
EPA ID Number

18      **BRIGGS RD  
PAT RD AND BRIGGS RD  
MURRIETA, CA 92584**

**NPDES    S112142035  
             N/A**

NPDES:  
Npdes Number: CAS000002  
Facility Status: Active  
Agency Id: 0  
Region: 9  
Regulatory Measure Id: 429888  
Order No: 2009-0009-DWQ  
Regulatory Measure Type: Enrollee  
Place Id: Not reported  
WDID: 9 33C364354  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 08/14/2012  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: KB Home  
Discharge Address: 36310 Inland Valley Dr  
Discharge City: Wildomar  
Discharge State: California  
Discharge Zip: 92595

19      **GARY'S CONSTRUCTION INC  
34870 LEON RD  
MURRIETA, CA 92563**

**HAZNET    S113142248  
             N/A**

HAZNET:  
Year: 2006  
Gepaid: CAL000306370  
Contact: CYNTHIA ORTIZ  
Telephone: 7606394456  
Mailing Name: Not reported  
Mailing Address: 5256 S MISSION RD STE 204  
Mailing City,St,Zip: BONSALL, CA 92003  
Gen County: Not reported  
TSD EPA ID: CAT080013352  
TSD County: Not reported  
Waste Category: Waste oil and mixed oil  
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,  
Organics Recovery Ect  
Tons: 0.62  
Facility County: Riverside

19      **BEAZER HOMES SOUTHERN CALIFORNIA  
34870 LEON RD  
MURRIETA, CA 92563**

**HAZNET    S112948627  
             N/A**

HAZNET:  
Year: 2005  
Gepaid: CAC002595660  
Contact: BRYAN BERGERON  
Telephone: 7142852900  
Mailing Name: Not reported  
Mailing Address: 1100 TOWN AND COUNTRY RD STE 100  
Mailing City,St,Zip: ORANGE, CA 92868

MAP FINDINGS
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Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**BEAZER HOMES SOUTHERN CALIFORNIA (Continued)**

**S112948627**

Gen County: Not reported  
TSD EPA ID: AZC950823111  
TSD County: Not reported  
Waste Category: Asbestos containing waste  
Disposal Method: Not reported  
Tons: 0.84  
Facility County: Riverside

20

**TRACT 32185 FRENCH VALLEY  
INTERSECTION OF LEON RD & JEAN NICHOLAS RD  
MURRIETA, CA 92596**

**NPDES S109462065  
N/A**

**NPDES:**

Npdes Number: CAS000002  
Facility Status: Terminated  
Agency Id: 0  
Region: 9  
Regulatory Measure Id: 287556  
Order No: 2009-0009-DWQ  
Regulatory Measure Type: Enrollee  
Place Id: Not reported  
WDID: 9 33C337019  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 10/07/2005  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: 08/29/2011  
Discharge Name: Beazer Homes Holdings Corp  
Discharge Address: 1800 East Imperial Hwy  
Discharge City: Brea  
Discharge State: California  
Discharge Zip: 92821

20

**IRIS AT SPENCERS CROSSING  
LEON ROAD AND BAXTER ROAD  
MURRIETA, CA 92584**

**NPDES S111828514  
N/A**

**NPDES:**

Npdes Number: CAS000002  
Facility Status: Active  
Agency Id: 0  
Region: 9  
Regulatory Measure Id: 424534  
Order No: 2009-0009-DWQ  
Regulatory Measure Type: Enrollee  
Place Id: Not reported  
WDID: 9 33C363182  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 03/09/2012  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: DR Horton Los Angeles Holding Company  
Discharge Address: 2280 Wardlow Circle Suite 100  
Discharge City: Corona  
Discharge State: California

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)		Database(s)	EPA ID Number
Site			

**IRIS AT SPENCERS CROSSING (Continued)**
**S111828514**

Discharge Zip: 92880

<b>21</b>	<b>DR HORTON INC</b> <b>35755 BRIGGS</b> <b>MURRIETA, CA 92563</b>	<b>HAZNET</b>	<b>S112941613</b> <b>N/A</b>
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**HAZNET:**

Year: 2004  
 Gepaid: CAC002584029  
 Contact: NANCY CAPPOS  
 Telephone: 9092729000  
 Mailing Name: Not reported  
 Mailing Address: 119 N MAPLE ST  
 Mailing City,St,Zip: CORONA, CA 92880  
 Gen County: Not reported  
 TSD EPA ID: CAD009007626  
 TSD County: Not reported  
 Waste Category: Asbestos containing waste  
 Disposal Method: Disposal, Land Fill  
 Tons: 82.59  
 Facility County: Riverside

<b>22</b>	<b>FOSTER COLLINS</b> <b>35235 LOS ALAMOS RD</b> <b>MURRIETA, CA 92563</b>	<b>HAZNET</b>	<b>S112941386</b> <b>N/A</b>
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**HAZNET:**

Year: 2004  
 Gepaid: CAC002583670  
 Contact: FOSTER COLLINS  
 Telephone: 9519261586  
 Mailing Name: Not reported  
 Mailing Address: 35235 LOS ALAMOS RD  
 Mailing City,St,Zip: MURRIETA, CA 92563  
 Gen County: Not reported  
 TSD EPA ID: NVT330010000  
 TSD County: Not reported  
 Waste Category: Unspecified aqueous solution  
 Disposal Method: Not reported  
 Tons: 3.25  
 Facility County: Riverside

<b>23</b>	<b>30210 LOS ALAMOS RD</b> <b>RIVERSIDE (County), CA 92362</b>	<b>ERNS</b>	<b>94406884</b> <b>N/A</b>
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# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

23

CHMIRS S105633482  
N/A

## 30210 LOS ALAMOS ROAD UNICORPORATED AREA, CA 92362

### CHMIRS:

OES Incident Number: 4662  
OES notification: Not reported  
OES Date: 10/13/1994  
OES Time: 06:05:00 PM  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personnel # Of Decontaminated: Not reported  
Responding Agency Personnel # Of Injuries: Not reported  
Responding Agency Personnel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA/DOT/PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: YES  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Chem Waste Management  
Containment: Not reported  
What Happened: Not reported  
Type: CHEMICAL  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 1994  
Agency: Riverside Co Fire Dept  
Incident Date: 1428 13 oct 94  
Admin Agency: Not reported  
Amount: est 20 pds total  
Contained: NO  
Site Type: RESIDENCE



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S105633482

E Date: Not reported  
Substance: Miscellaneous Drug Waste Red phosphous, and Iodine  
Quantity Released: Not reported  
BBLs: Not reported  
Cups: Not reported  
CUFT: Not reported  
Gallons: Not reported  
Grams: Not reported  
Pounds: Not reported  
Liters: Not reported  
Ounces: Not reported  
Pints: Not reported  
Quarts: Not reported  
Sheen: Not reported  
Tons: Not reported  
Unknown: Not reported  
Evacuations: NO  
Number of Injuries: NO  
Number of Fatalities: NO  
Description: Drug Raid by Riverside Co Sheriff. Substance was all contained within containers. Fire Dept called in to identify and sample. Chem Waste Management called to clean up

23

**IST PIPELINE ENGINEERING**  
**30230 LOS ALAMOS RD**  
**MURRIETA, CA 92563**

**HAZNET S112914816**  
**N/A**

HAZNET:

Year: 2006  
Gepaid: CAC002352831  
Contact: JEFF MICHAEL  
Telephone: 9099264849  
Mailing Name: Not reported  
Mailing Address: 30230 LOS ALAMOS RD  
Mailing City,St,Zip: MURRIETA, CA 925630000  
Gen County: Not reported  
TSD EPA ID: NVD980895338  
TSD County: Not reported  
Waste Category: Liquids with pH <= 2 with metals  
Disposal Method: Treatment, Tank  
Tons: 0.22  
Facility County: Riverside

Year: 2001  
Gepaid: CAC002352831  
Contact: JEFF MICHAEL  
Telephone: 9099264849  
Mailing Name: Not reported  
Mailing Address: 30230 LOS ALAMOS RD  
Mailing City,St,Zip: MURRIETA, CA 925630000  
Gen County: Not reported  
TSD EPA ID: WAD991281767  
TSD County: Not reported  
Waste Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Tons: 0.18  
Facility County: Riverside

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)	Site	Database(s) EPA ID Number

**IST PIPELINE ENGINEERING (Continued)**
**S112914816**

Year: 2001  
 Gepaid: CAC002352831  
 Contact: JEFF MICHAEL  
 Telephone: 9099264849  
 Mailing Name: Not reported  
 Mailing Address: 30230 LOS ALAMOS RD  
 Mailing City,St,Zip: MURRIETA, CA 925630000  
 Gen County: Not reported  
 TSD EPA ID: WAD991281767  
 TSD County: Not reported  
 Waste Category: Waste oil and mixed oil  
 Disposal Method: Recycler  
 Tons: 0.08  
 Facility County: Riverside

**23**
**IFT PIPELINE ENGINEERING  
30230 LOS ALAMOS RD  
MURRIETA, CA 92563**
**HAZNET S112918885  
N/A**

HAZNET:  
 Year: 2002  
 Gepaid: CAC002436519  
 Contact: RICK KRUKOWSKI  
 Telephone: 7607235871  
 Mailing Name: Not reported  
 Mailing Address: 30230 LOS ALAMOS RD  
 Mailing City,St,Zip: MURRIETA, CA 925630000  
 Gen County: Not reported  
 TSD EPA ID: CAT080013352  
 TSD County: Not reported  
 Waste Category: Unspecified oil-containing waste  
 Disposal Method: Recycler  
 Tons: 1.91  
 Facility County: Riverside

**23**
**INTERNATIONAL FLOW TECHNOLOGIES INC  
30230 LOS ALAMOS RD  
MURRIETA, CA 92563**
**HAZNET S112886735  
N/A**

HAZNET:  
 Year: 1999  
 Gepaid: CAC001383760  
 Contact: JEFFREY L MAICHEL  
 Telephone: 9099264849  
 Mailing Name: Not reported  
 Mailing Address: 30230 LOS ALAMOS RD  
 Mailing City,St,Zip: MURRIETA, CA 925630000  
 Gen County: Not reported  
 TSD EPA ID: CAT080013352  
 TSD County: Not reported  
 Waste Category: Aqueous solution with total organic residues 10 percent or more  
 Disposal Method: Recycler  
 Tons: .2085  
 Facility County: Riverside

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

<b>24</b>	<b>SOUTHERN CALIF EDISON</b> <b>36000 LIBERTY LN</b> <b>MURRIETA, CA 92563</b>	<b>HAZNET</b>	<b>S112940207</b> <b>N/A</b>
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HAZNET:

Year:	2004
Gepaid:	CAC002581758
Contact:	MIGUEL FLORES
Telephone:	9095487112
Mailing Name:	Not reported
Mailing Address:	2244 S WALNUT GROVE AVE
Mailing City,St,Zip:	ROSEMEAD, CA 91770
Gen County:	Not reported
TSD EPA ID:	CAD050806850
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Transfer Station
Tons:	29.19
Facility County:	Riverside

<b>25</b>	<b>USA BIO MASS CORP</b> <b>30504 LOS ALAMOS ST</b> <b>RANCHO CALIFORNIA, CA 92563</b>	<b>HAZNET</b>	<b>S112894211</b> <b>N/A</b>
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HAZNET:

Year:	1999
Gepaid:	CAC001476848
Contact:	USA BIO MASS CORP
Telephone:	5629289900
Mailing Name:	Not reported
Mailing Address:	7314 SCOUT AVE
Mailing City,St,Zip:	BELL GARDENS, CA 902010000
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Unspecified aqueous solution
Disposal Method:	Recycler
Tons:	.4587
Facility County:	Riverside

<b>25</b>	<b>BRIGGS RD AND LOS ALAMOS RD</b> <b>MURRIETA, CA</b>	<b>ERNS</b>	<b>2006797822</b> <b>N/A</b>
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# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

26 **BOSTON SCIENTIFIC** RCRA NonGen / NLR 1004675425  
**30590 COCHISE CIRCLE** CAR000072744  
**MURRIETA, CA 92563**

## RCRA NonGen / NLR:

Date form received by agency: 12/03/2008  
Facility name: BOSTON SCIENTIFIC  
Facility address: 30590 COCHISE CIRCLE  
MURRIETA, CA 92563  
EPA ID: CAR000072744  
Mailing address: 47900 BAYSIDE PKWY  
FREMONT, CA 94538  
Contact: KIM RACINE  
Contact address: 47900 BAYSIDE PKWY  
FREMONT, CA 94538  
Contact country: US  
Contact telephone: 510-624-1458  
Contact email: Not reported  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

## Owner/Operator Summary:

Owner/operator name: BOSTON SCIENTIFIC CORPORATION  
Owner/operator address: 3574 RUFFIN ROAD  
SAN DIEGO, CA 92123  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 04/02/2001  
Owner/Op end date: Not reported

Owner/operator name: BOSTON SCIENTIFIC CORPORATION  
Owner/operator address: 3574 RUFFIN ROAD  
SAN DIEGO, CA 92123  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 04/21/2001  
Owner/Op end date: Not reported

Owner/operator name: BOSTON SCIENTIFIC  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 04/21/2001  
Owner/Op end date: Not reported

Owner/operator name: BOSTON SCIENTIFIC  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## BOSTON SCIENTIFIC (Continued)

1004675425

Owner/Operator Type: Operator  
Owner/Op start date: 04/02/2001  
Owner/Op end date: Not reported

### Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

### Historical Generators:

Date form received by agency: 01/26/2006  
Facility name: BOSTON SCIENTIFIC  
Site name: BOSTON SCIENTIFIC-FRENCH VALLEY  
Classification: Large Quantity Generator

Date form received by agency: 02/19/2004  
Facility name: BOSTON SCIENTIFIC  
Site name: BOSTON SCIENTIFIC-FRENCH VALLEY  
Classification: Large Quantity Generator

Date form received by agency: 02/17/2002  
Facility name: BOSTON SCIENTIFIC  
Site name: INTERVENTIONAL TECHNOLOGIES, INC  
Classification: Large Quantity Generator

Date form received by agency: 07/23/2001  
Facility name: BOSTON SCIENTIFIC  
Site name: BOSTON SCIENTIFIC I V T  
Classification: Small Quantity Generator

### Hazardous Waste Summary:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN

Map ID  
Direction  
Distance  
Distance (ft.)Site

MAP FINDINGS

EDR ID Number

Database(s) EPA ID Number

**BOSTON SCIENTIFIC (Continued)**

**1004675425**

OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D007  
Waste name: CHROMIUM

Waste code: D009  
Waste name: MERCURY

Waste code: D018  
Waste name: BENZENE

Waste code: F002  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

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**ABBOTT CARDIOVASCULAR SYSTEMS INC**  
**30590 COCHISE CIR**  
**MURRIETA, CA 92563**

**RCRA-LQG 1009398314**  
**CAR000173104**

**RCRA-LQG:**

Date form received by agency: 10/29/2012  
Facility name: ABBOTT CARDIOVASCULAR SYSTEMS INC  
Facility address: 30590 COCHISE CIR  
MURRIETA, CA 92563  
EPA ID: CAR000173104  
Mailing address: PO BOX 9018  
TEMECULA, CA 92589  
Contact: MICHAEL A VOLPONE  
Contact address: PO BOX 9018  
TEMECULA, CA 92589  
Contact country: US  
Contact telephone: 951-914-2332  
Contact email: MICHAEL.VOLPONE@AV.ABBOTT.COM  
EPA Region: 09  
Classification: Large Quantity Generator



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## ABBOTT CARDIOVASCULAR SYSTEMS INC (Continued)

1009398314

Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

### Owner/Operator Summary:

Owner/operator name: ABBOTT LABORATORIES  
Owner/operator address: 100 ABBOTT PARK RD  
ABBOTT PARK, IL 60064  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 04/01/2006  
Owner/Op end date: Not reported

Owner/operator name: ABBOTT LABORATORIES  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 04/01/2006  
Owner/Op end date: Not reported

### Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

### Historical Generators:

Date form received by agency: 02/24/2012  
Facility name: ABBOTT CARDIOVASCULAR SYSTEMS INC  
Site name: ABBOTT CARDIOVASCULAR SYSTEMS, INC MURRIETA  
Classification: Large Quantity Generator

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**ABBOTT CARDIOVASCULAR SYSTEMS INC (Continued)**

**1009398314**

Date form received by agency: 06/09/2010

Facility name: ABBOTT CARDIOVASCULAR SYSTEMS INC

Site name: ABBOTT CARDIOVASCULAR SYSTEMS, MURRIETA

Classification: Large Quantity Generator

Date form received by agency: 03/19/2009

Facility name: ABBOTT CARDIOVASCULAR SYSTEMS INC

Site name: ABBOTT CARDIOVASCULAR SYSTEMS

Classification: Large Quantity Generator

Date form received by agency: 02/29/2008

Facility name: ABBOTT CARDIOVASCULAR SYSTEMS INC

Site name: MURRIETA ABBOTT CARDIOVASCULAR SYSTEMS

Classification: Large Quantity Generator

Date form received by agency: 04/28/2006

Facility name: ABBOTT CARDIOVASCULAR SYSTEMS INC

Site name: WINCHESTOR WEST GUIDANT WEST

Classification: Large Quantity Generator

**Hazardous Waste Summary:**

Waste code: 122

Waste name: 122

Waste code: 134

Waste name: 134

Waste code: 135

Waste name: 135

Waste code: 141

Waste name: 141

Waste code: 181

Waste name: 181

Waste code: 213

Waste name: 213

Waste code: 221

Waste name: 221

Waste code: 343

Waste name: 343

Waste code: 352

Waste name: 352

Waste code: 741

Waste name: 741

Waste code: 792

Waste name: 792

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## ABBOTT CARDIOVASCULAR SYSTEMS INC (Continued)

1009398314

CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D007

Waste name: CHROMIUM

Waste code: D022

Waste name: CHLOROFORM

Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: U154

Waste name: METHANOL (I)

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## ABBOTT CARDIOVASCULAR SYSTEMS INC (Continued)

1009398314

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 54992

Waste code: D007

Waste name: CHROMIUM

Amount (Lbs): 63985

Violation Status: No violations found

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**EXOTIC ELECTRO-OPTICS, INC.**  
**36570 BRIGGS RD.**  
**MURRIETA, CA 92563**

**RCRA-LQG 1007447340**  
**TRIS 77474STWRT5000I**

RCRA-LQG:

Date form received by agency: 04/23/2010

Facility name: EXOTIC ELECTRO-OPTICS, INC.

Facility address: 36570 BRIGGS RD.  
MURRIETA, CA 92563

EPA ID: CAR000155408

Mailing address: BRIGGS RD.  
MURRIETA, CA 92563

Contact: NANCY T MEROLA

Contact address: BRIGGS RD.  
MURRIETA, CA 92563

Contact country: Not reported

Contact telephone: (951) 926-7601

Contact email: NMEROLA@EXOTIC-EO.COM

EPA Region: 09

Land type: Private

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: REISUNG ENTERPRISES  
Owner/operator address: 9675 LA JOLLA FARMS RD.

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**EXOTIC ELECTRO-OPTICS, INC. (Continued)**

**1007447340**

LA JOLLA, CA 92037

Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 03/19/1995  
Owner/Op end date: Not reported

Owner/operator name: EXOTIC ELECTRO-OPTICS, INC.  
Owner/operator address: Not reported  
Not reported

Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 06/28/1992  
Owner/Op end date: Not reported

Owner/operator name: EXOTIC ELECTRO OPTICS  
Owner/operator address: Not reported  
Not reported

Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 06/01/1992  
Owner/Op end date: Not reported

Owner/operator name: REISUNG ENTERPRISES  
Owner/operator address: LA JOLLA FARMS RD.  
LA JOLLA, CA 92037

Owner/operator country: Not reported  
Owner/operator telephone: (858) 457-5987  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 03/19/1995  
Owner/Op end date: Not reported

Owner/operator name: EXOTIC ELECTRO-OPTICS, INC.  
Owner/operator address: Not reported  
Not reported

Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 05/01/1992  
Owner/Op end date: Not reported

Owner/operator name: REISUNG ENTERPRISES INC  
Owner/operator address: 9675 JOLLA FARMS RD  
LA JOLLA, CA 92037

Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 12/19/1989  
Owner/Op end date: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**EXOTIC ELECTRO-OPTICS, INC. (Continued)**

**1007447340**

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/21/2008  
Facility name: EXOTIC ELECTRO-OPTICS, INC.  
Classification: Large Quantity Generator

Date form received by agency: 02/23/2006  
Facility name: EXOTIC ELECTRO-OPTICS, INC.  
Classification: Small Quantity Generator

Date form received by agency: 02/23/2006  
Facility name: EXOTIC ELECTRO-OPTICS, INC.  
Classification: Large Quantity Generator

Date form received by agency: 07/12/2004  
Facility name: EXOTIC ELECTRO-OPTICS, INC.  
Site name: EXOTIC ELECTRO OPTICS  
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: 122  
Waste name: 122  
  
Waste code: 135  
Waste name: 135  
  
Waste code: 181  
Waste name: 181  
  
Waste code: 221  
Waste name: 221  
  
Waste code: 331  
Waste name: 331  
  
Waste code: 343  
Waste name: 343  
  
Waste code: 352  
Waste name: 352

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## EXOTIC ELECTRO-OPTICS, INC. (Continued)

1007447340

Waste code:	481
Waste name:	481
Waste code:	551
Waste name:	551
Waste code:	741
Waste name:	741
Waste code:	791
Waste name:	791
Waste code:	792
Waste name:	792
Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSLEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Waste code:	D002
Waste name:	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Waste code:	D004
Waste name:	ARSENIC
Waste code:	D007
Waste name:	CHROMIUM
Waste code:	D008
Waste name:	LEAD
Waste code:	D010
Waste name:	SELENIUM
Waste code:	D018
Waste name:	BENZENE
Waste code:	D035
Waste name:	METHYL ETHYL KETONE
Waste code:	D040
Waste name:	TRICHLOROETHYLENE
Waste code:	F002
Waste name:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,



# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## EXOTIC ELECTRO-OPTICS, INC. (Continued)

1007447340

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: P022  
Waste name: CARBON DISULFIDE

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D004  
Waste name: ARSENIC

Waste code: D010  
Waste name: SELENIUM

Waste code: F002

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## EXOTIC ELECTRO-OPTICS, INC. (Continued)

1007447340

Waste name:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste code:	F003
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste code:	131
Waste name:	131
Waste code:	181
Waste name:	181
Waste code:	221
Waste name:	221
Waste code:	331
Waste name:	331
Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Waste code:	D002
Waste name:	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Waste code:	D004
Waste name:	ARSENIC
Waste code:	D010
Waste name:	SELENIUM

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## EXOTIC ELECTRO-OPTICS, INC. (Continued)

1007447340

Waste code: D040  
Waste name: TRICHLOROETHYLENE

Waste code: F001  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

### Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 09/29/2009  
Date achieved compliance: 11/25/2009  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/29/2009  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

### Evaluation Action Summary:

Evaluation date: 09/29/2009  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 11/25/2009

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## EXOTIC ELECTRO-OPTICS, INC. (Continued)

1007447340

Evaluation lead agency: State  
  
Evaluation date: 07/20/2005  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

TRIS:

[Click this hyperlink](#) while viewing on your computer to access  
9 additional US\_TRIS: record(s) in the EDR Site Report.

26

## EXOTIC MATERIALS, INC. 36570 BRIGGS ROAD MURRIETA, CA 92563

RCRA-SQG 1008194549  
CAL000147177

RCRA-SQG:

Date form received by agency: 02/27/2004  
Facility name: EXOTIC MATERIALS, INC.  
Facility address: 36570 BRIGGS ROAD  
MURRIETA, CA 92563  
  
EPA ID: CAL000147177  
Mailing address: 36570 BRIGGS RD.  
MURRIETA, CA 92563  
  
Contact: DARREN JOHNSTONE  
Contact address: Not reported  
Not reported  
  
Contact country: Not reported  
Contact telephone: (909) 926-2994  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: EXOTIC MATERIALS, INC.  
Owner/operator address: Not reported  
Not reported  
  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 06/01/1992  
Owner/Op end date: Not reported

Owner/operator name: EXOTIC MATERIALS, INC.  
Owner/operator address: 36570 BRIGGS RD.  
MURRIETA, CA 92563

Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 06/01/1992  
Owner/Op end date: Not reported

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## EXOTIC MATERIALS, INC. (Continued)

1008194549

### Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

### Historical Generators:

Date form received by agency: 02/27/2004  
Facility name: EXOTIC MATERIALS, INC.  
Classification: Large Quantity Generator

### Hazardous Waste Summary:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D004  
Waste name: ARSENIC

Waste code: D018  
Waste name: BENZENE

Waste code: F002  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**EXOTIC MATERIALS, INC. (Continued)**

**1008194549**

SPENT SOLVENT MIXTURES.

Waste code: F003  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

26

**MOUNTAIN VIEW TIRE  
30664 BENTON RD  
WINCHESTER, CA**

**FINDS 1011915490  
N/A**

FINDS:

Registry ID: 110037334685

Environmental Interest/Information System  
UORS (California - Used Oil Recycling System). California Integrated Waste Management Board (CIWMB) helps communities establish and promote convenient collection opportunities for used oil and used oil filters.

Registry ID: 110055778877

Environmental Interest/Information System

26

**MOUNTAIN VIEW TIRE & SERVICE INC  
30664 BENTON RD  
WINCHESTER, CA 92596**

**HAZNET S113150333  
N/A**

HAZNET:

Year: 2012  
Gepaid: CAL000326159  
Contact: CHRIS MITSOS  
Telephone: 9094849497  
Mailing Name: Not reported  
Mailing Address: 8548 UTICA AVE  
Mailing City,St,Zip: RANCHO CUCAMONGA, CA 917300000  
Gen County: Riverside  
TSD EPA ID: CAT000613893  
TSD County: Los Angeles  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.04  
Facility County: Riverside  
  
Year: 2012  
Gepaid: CAL000326159  
Contact: CHRIS MITSOS

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOUNTAIN VIEW TIRE & SERVICE INC (Continued)**

**S113150333**

Telephone: 9094849497  
Mailing Name: Not reported  
Mailing Address: 8548 UTICA AVE  
Mailing City,St,Zip: RANCHO CUCAMONGA, CA 917300000  
Gen County: Riverside  
TSD EPA ID: CAT000613893  
TSD County: Los Angeles  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.04  
Facility County: Riverside

Year: 2011  
Gepaid: CAL000326159  
Contact: CHRIS MITSOS  
Telephone: 9094849497  
Mailing Name: Not reported  
Mailing Address: 8577 HAVEN AVE  
Mailing City,St,Zip: RANCHO CUCAMONGA, CA 917300000  
Gen County: Not reported  
TSD EPA ID: TXD077603371  
TSD County: Not reported  
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L  
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site  
Tons: 0.1  
Facility County: Riverside

Year: 2011  
Gepaid: CAL000326159  
Contact: CHRIS MITSOS  
Telephone: 9094849497  
Mailing Name: Not reported  
Mailing Address: 8577 HAVEN AVE  
Mailing City,St,Zip: RANCHO CUCAMONGA, CA 917300000  
Gen County: Not reported  
TSD EPA ID: TXD077603371  
TSD County: Not reported  
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L  
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site  
Tons: 0.1  
Facility County: Riverside

Year: 2010  
Gepaid: CAL000326159  
Contact: CHRIS MITSOS  
Telephone: 9094849497  
Mailing Name: Not reported  
Mailing Address: 8548 UTICA AVE  
Mailing City,St,Zip: RANCHO CUCAMONGA, CA 917300000  
Gen County: Not reported  
TSD EPA ID: TXD077603371  
TSD County: Not reported  
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L  
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site  
Tons: 0.37  
Facility County: Riverside



MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**MOUNTAIN VIEW TIRE & SERVICE INC (Continued)**

**S113150333**

[Click this hyperlink](#) while viewing on your computer to access  
1 additional CA\_HAZNET: record(s) in the EDR Site Report.

26

**CVS PHARMACY #8848  
30736 BENTON RD  
WINCHESTER, CA 92596**

**HAZNET S113159571  
N/A**

HAZNET:

Year: 2012  
Gepaid: CAL000356397  
Contact: WENDY BRANT  
Telephone: 0000000000  
Mailing Name: Not reported  
Mailing Address: 1 CVS DRIVE - 02362A  
Mailing City,St,Zip: WOONSOCKET, RI 028950000  
Gen County: Riverside  
TSD EPA ID: INR000110197  
TSD County: Not reported  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Tons: 0.0015  
Facility County: Riverside

Year: 2012  
Gepaid: CAL000356397  
Contact: WENDY BRANT  
Telephone: 0000000000  
Mailing Name: Not reported  
Mailing Address: 1 CVS DRIVE - 02362A  
Mailing City,St,Zip: WOONSOCKET, RI 028950000  
Gen County: Riverside  
TSD EPA ID: INR000110197  
TSD County: Not reported  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Tons: 0.089  
Facility County: Riverside

Year: 2012  
Gepaid: CAL000356397  
Contact: WENDY BRANT  
Telephone: 0000000000  
Mailing Name: Not reported  
Mailing Address: 1 CVS DRIVE - 02362A  
Mailing City,St,Zip: WOONSOCKET, RI 028950000  
Gen County: Riverside  
TSD EPA ID: INR000110197  
TSD County: Not reported  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Tons: 0.0225  
Facility County: Riverside

Year: 2012  
Gepaid: CAL000356397

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CVS PHARMACY #8848 (Continued)

S113159571

Contact: WENDY BRANT  
Telephone: 0000000000  
Mailing Name: Not reported  
Mailing Address: 1 CVS DRIVE - 02362A  
Mailing City,St,Zip: WOONSOCKET, RI 028950000  
Gen County: Riverside  
TSD EPA ID: INR000110197  
TSD County: Not reported  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.0025  
Facility County: Riverside

Year: 2012  
Gepaid: CAL000356397  
Contact: WENDY BRANT  
Telephone: 0000000000  
Mailing Name: Not reported  
Mailing Address: 1 CVS DRIVE - 02362A  
Mailing City,St,Zip: WOONSOCKET, RI 028950000  
Gen County: Riverside  
TSD EPA ID: INR000110197  
TSD County: Not reported  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.0015  
Facility County: Riverside

[Click this hyperlink](#) while viewing on your computer to access 24 additional CA\_HAZNET: record(s) in the EDR Site Report.

26

## CVS PHARMACY #8848 30736 BENTON RD WINCHESTER, CA

RCRA-LQG 1015753067  
FINDS CAR000233981

### RCRA-LQG:

Date form received by agency: 01/03/2013  
Facility name: CVS PHARMACY NO 8848  
Facility address: 30736 BENTON RD  
WINCHESTER, CA 92596  
EPA ID: CAR000233981  
Mailing address: ONE CVS DR  
WOONSOCKET, RI 02895  
Contact: WENDY L BRANT  
Contact address: ONE CVS DR  
WOONSOCKET, RI 02895  
Contact country: US  
Contact telephone: 401-765-1500  
Contact email: WENDY.BRANT@CVSCAREMARK.COM  
EPA Region: 09  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CVS PHARMACY #8848 (Continued)

1015753067

waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

### Owner/Operator Summary:

Owner/operator name: GARFIELD BEACH CVS LLC  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 10/28/2006  
Owner/Op end date: Not reported

Owner/operator name: REGENCY CENTERS LP  
Owner/operator address: ONE INDEPENDENT DR STE 114  
JACKSONVILLE, FL 32202  
Owner/operator country: US  
Owner/operator telephone: 904-598-7795  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 12/16/2005  
Owner/Op end date: Not reported

### Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

### Hazardous Waste Summary:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

## CVS PHARMACY #8848 (Continued)

1015753067

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: P001  
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: P042  
Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)-

Waste code: P075  
Waste name: NICOTINE, & SALTS

Waste code: P081  
Waste name: NITROGLYCERINE (R)

Violation Status: No violations found

### FINDS:

Registry ID: 110055726273

Environmental Interest/Information System

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CVS PHARMACY NO 8848  
30736 BENTON RD  
WINCHESTER, CA

FINDS 1015791206  
N/A

### FINDS:

Registry ID: 110055055657

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

26	<b>ATKINSON WASHINGTON ZACHRY</b> <b>30800 BENTON RD</b> <b>WINCHESTER, CA 92596</b>	HAZNET	<b>S113100125</b> <b>N/A</b>
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HAZNET:

Year:	2001
Gepaid:	CAL000190869
Contact:	JIM HARDESTY
Telephone:	9099266778
Mailing Name:	Not reported
Mailing Address:	PO BOX 871
Mailing City, St, Zip:	HIGHLAND, CA 923460000
Gen County:	Not reported
TSD EPA ID:	CAD982444481
TSD County:	Not reported
Waste Category:	Oil/water separation sludge
Disposal Method:	Transfer Station
Tons:	0.2
Facility County:	Riverside

26	<b>THE WASHINGTON GRP INTERNATIONAL</b> <b>30800 BENTON RD</b> <b>MURRIETA, CA 92563</b>	HAZNET	<b>S112933145</b> <b>N/A</b>
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HAZNET:

Year:	2003
Gepaid:	CAC002570681
Contact:	DAN TREMBLY/VP OPERATION
Telephone:	9098628433
Mailing Name:	Not reported
Mailing Address:	27400 E 5TH ST
Mailing City, St, Zip:	HIGHLAND, CA 92346
Gen County:	Not reported
TSD EPA ID:	NVT330010000
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Disposal, Land Fill
Tons:	0.75
Facility County:	Riverside

26	<b>30724 BENTON RD</b> <b>WINCHESTER, CA 92596</b>	EDR US Hist Cleaners	<b>1015039378</b> <b>N/A</b>
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EDR Historical Cleaners:

Name:	WINCHESTER CLEANER
Year:	2010
Address:	30724 BENTON RD
Name:	WINCHESTER CLEANER
Year:	2011
Address:	30724 BENTON RD
Name:	WINCHESTER CLEANER
Year:	2012
Address:	30724 BENTON RD

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

26	<b>WINCHESTER CLEANERS</b> <b>30724 BENTON RD # C300</b> <b>WINCHESTER, CA 92596</b>	HAZNET	S113144255 N/A
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## HAZNET:

Year:	2012
Gepaid:	CAL000311102
Contact:	KWANG LEE
Telephone:	9097327100
Mailing Name:	Not reported
Mailing Address:	10541 PEACH TREE LN
Mailing City,St,Zip:	ALTA LOMA, CA 91737
Gen County:	Riverside
TSD EPA ID:	CAT000613893
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.15
Facility County:	Riverside

Year:	2008
Gepaid:	CAL000311102
Contact:	KWANG LEE
Telephone:	9097327100
Mailing Name:	Not reported
Mailing Address:	10541 PEACH TREE LN
Mailing City,St,Zip:	ALTA LOMA, CA 91737
Gen County:	Not reported
TSD EPA ID:	NVR000076158
TSD County:	Not reported
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	Solvents Recovery
Tons:	0.275
Facility County:	Riverside

26	<b>PM 30474</b> <b>WINCHESTER RD &amp; BENTON RD</b> <b>WINCHESTER, CA 92563</b>	NPDES	S109454605 N/A
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## NPDES:

Npdes Number:	CAS000002
Facility Status:	Active
Agency Id:	0
Region:	8
Regulatory Measure Id:	338934
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 33C350352
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/09/2008
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Monteleone Real Estate
Discharge Address:	35245 Briggs Road
Discharge City:	Murrieta
Discharge State:	California
Discharge Zip:	92563

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number  
EPA ID Number

Database(s)

26  
**REPLANET LLC**  
**30712 BENTON RD**  
**WINCHESTER, CA 92596**

**SWRCY** **S108724446**  
**N/A**

SWRCY:  
Reg Id: 178029  
Cert Id: RC178029.001  
Mailing Address: 9910 E 6th St  
Mailing City: Rancho Cucamonga  
Mailing State: CA  
Mailing Zip Code: 91730  
Website: http://www.replanetusa.com  
Phone Number: (877) 737-5263  
Grand Father: N  
Rural: Y  
Operation Begin Date: 01/31/2013  
Aluminium: Y  
Glass: Y  
Plastic: Y  
Bimetal: Y  
Agency: N/A  
Monday Hours Of Operation: CLOSED  
Tuesday Hours Of Operation: 9:00 am - 4:30 pm; Closed 1:00 pm - 1:30 pm  
Wednesday Hours Of Operation: 9:00 am - 4:30 pm; Closed 1:00 pm - 1:30 pm  
Thursday Hours Of Operation: 9:00 am - 4:30 pm; Closed 1:00 pm - 1:30 pm  
Friday Hours Of Operation: 9:00 am - 4:30 pm; Closed 1:00 pm - 1:30 pm  
Saturday Hours Of Operation: 9:00 am - 4:30 pm; Closed 1:00 pm - 1:30 pm  
Sunday Hours Of Operation: CLOSED  
Cert Status: Operational  
Organization ID: 151891  
Organization Name: rePLANET LLC  
Agency Reg ID: N/A  
Operation End Date: Not reported

26  
**WINCHESTER CLEANERS**  
**30724 BENTON RD # C300**  
**WINCHESTER, CA 92596**

**DRYCLEANERS** **S108541418**  
**N/A**

DRYCLEANERS:  
EPA Id: CAL000311102  
NAICS Code: 81232  
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)  
SIC Code: 7211  
SIC Description: Power Laundries, Family and Commercial  
Create Date: 08/30/2006  
Facility Active: No  
Inactive Date: 06/30/2007  
Facility Addr2: Not reported  
Owner Name: KWANG HWAN LEE  
Owner Address: 10541 PEACH TREE LN  
Owner Address 2: Not reported  
Owner Telephone: 9097327100  
Contact Name: KWANG LEE  
Contact Address: 10541 PEACH TREE LN  
Contact Address 2: Not reported  
Contact Telephone: 9097327100



MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

26		EDR US Hist Auto Stat	1015408970 N/A
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**30616 BENTON RD  
WINCHESTER, CA 92596**

EDR Historical Auto Stations:

Name: FRENCH VALLEY GAS STATION  
Year: 2010  
Address: 30616 BENTON RD

Name: FRENCH VALLEY GAS STATION  
Year: 2011  
Address: 30616 BENTON RD

Name: FRENCH VALLEY GAS STATION  
Year: 2012  
Address: 30616 BENTON RD

26	<b>FRENCH VALLEY SHELL 30616 BENTON RD WINCHESTER, CA 92596</b>	HAZNET	S113466153 N/A
----	---	--------	-------------------

HAZNET:

Year: 2010  
Gepaid: CAL000310703  
Contact: SUNNY GOYAL  
Telephone: 5102703411  
Mailing Name: Not reported  
Mailing Address: 41805 ALBRAE ST FL 2  
Mailing City,St,Zip: FREMONT, CA 945383120  
Gen County: Not reported  
TSD EPA ID: CAD981696420  
TSD County: Not reported  
Waste Category: Unspecified aqueous solution  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.0504  
Facility County: Riverside

26	<b>FRENCH VALLEY CHEVRON 30616 BENTON RD WINCHESTER, CA 92596</b>	UST	U004065515 N/A
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RIVERSIDE CO. UST:

Region: RIVERSIDE  
Total Tanks: 3

# MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

27

CHMIRS S110419451  
N/A

## 31095 AULD ROAD MURRIETA, CA

### CHMIRS:

OES Incident Number: '08-2931  
OES notification: 04/21/2008  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personnel # Of Decontaminated: Not reported  
Responding Agency Personnel # Of Injuries: Not reported  
Responding Agency Personnel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA/DOT/PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Road  
Cleanup By: Reporting Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Gal(s)  
Other: Not reported  
Date/Time: 0130  
Year: 2008  
Agency: So Cal Edison  
Incident Date: 4/21/2008  
Admin Agency: Riverside County Environmental Health  
Amount: Not reported  
Contained: Yes  
Site Type: Not reported

MAP FINDINGS
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Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)Site	Database(s)	EPA ID Number

(Continued)

S110419451

E Date:	Not reported
Substance:	Mineral Oil/Non-PCB
Quantity Released:	1-2
BBLs:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	A car struck a pad mounted transformer causing the spill.

28

**BOREL RANCH**  
**37623 LEON RD**  
**MURRIETA, CA 92562**

**HAZNET**    **S112869334**  
**N/A**

HAZNET:

Year:	1997
Gepaid:	CAC001147688
Contact:	BOREL RANCH
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	37623 LEON RD
Mailing City,St,Zip:	MURRIETA, CA 925620000
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	.6255
Facility County:	Riverside

28

**31090 ALLEN ST**  
**MURRIETA, CA 92563**

**EDR US Hist Auto Stat**    **1015413724**  
**N/A**

EDR Historical Auto Stations:

Name:	EXCEPTIONAL AUTO SHIPPERS
Year:	2006
Address:	31090 ALLEN ST

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

<b>29</b>	<b>AGRISCAPE, INC. 37760 BOREL RD. MURRIETA, CA</b>	<b>SWF/LF</b>	<b>S109422772 N/A</b>
-----------	---	---------------	---------------------------

SWF/LF (SWIS):

Region:	STATE
Facility ID:	33-AA-0320
Lat/Long:	33.5634299 / -117.13378
Owner Name:	Alex A. Borel
Owner Telephone:	9514739420
Owner Address:	Not reported
Owner Address2:	37760 Borel Rd.
Owner City,St,Zip:	Murrieta, CA 92563
Operational Status:	Active
Operator:	Agriscap, Inc.
Operator Phone:	9516960651
Operator Address:	Richardo Almejo
Operator Address2:	37760 Borel Road
Operator City,St,Zip:	Murrieta, CA 92563
Permit Date:	07/07/2010
Permit Status:	Notification
Permitted Acreage:	\$3.00
Activity:	Chipping and Grinding Activity Fac./ Op.
Regulation Status:	Notification
Landuse Name:	Residential
GIS Source:	Map
Category:	Composting
Unit Number:	01
Inspection Frequency:	Quarterly
Accepted Waste:	Green Materials,Wood waste
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	Not reported
SWIS Num:	33-AA-0320
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	200
Actual Throughput with Units:	Tons/day
Permitted Capacity with Units:	62000
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Tons/year

<b>30</b>	<b>31201 OLD TRAIL CIR MURRIETA, CA 92563</b>	<b>EDR US Hist Cleaners</b>	<b>1015040854 N/A</b>
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EDR Historical Cleaners:

Name:	DIAMOND CLEANERS
Year:	2005
Address:	31201 OLD TRAIL CIR

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number  
EPA ID Number

Database(s)

31

**G & A CONSTRUCTION, INC.**  
**39451 LIEFER RD.**  
**MURRIETA, CA 92362**

**HIST UST**
**U001575224**  
**N/A**

## HIST UST:

Region: STATE  
Facility ID: 00000040718  
Facility Type: Other  
Other Type: CONSTRUCTION  
Total Tanks: 0002  
Contact Name: Not reported  
Telephone: 7146765598  
Owner Name: G & A CONSTRUCTION, INC.  
Owner Address: 39451 LIEFER RD.  
Owner City,St,Zip: MURRIETA, CA 92362

Tank Num: 001  
Container Num: #2  
Year Installed: 1970  
Tank Capacity: 00003000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: Not reported  
Leak Detection: Visual, Stock Inventor

Tank Num: 002  
Container Num: #1  
Year Installed: 1970  
Tank Capacity: 00003000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: Not reported  
Leak Detection: Visual, Stock Inventor

32

**TEMECULA LEARNING CENTER**  
**NICOLAS ROAD/CALLE MEDUSA**  
**TEMECULA, CA 92591**

**SCH**
**S107737435**  
**ENVIROSTOR**
**N/A**

## SCH:

Facility ID: 33010042  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 8.9  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Not reported  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 404191  
Assembly: 75  
Senate: 28  
Special Program Status: Not reported  
Status: Inactive - Withdrawn  
Status Date: 03/07/2001  
Restricted Use: NO  
Funding: School District

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**TEMECULA LEARNING CENTER (Continued)**

**S107737435**

Latitude: 33.54314  
Longitude: -117.1244  
APN: NONE SPECIFIED  
Past Use: AGRICULTURAL - ROW CROPS  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: TEMECULA LEARNING CENTER (PROPOSED)  
Alias Type: Alternate Name  
Alias Name: TEMECULA VALLEY UNIFIED SCHOOL DISTRICT  
Alias Type: Alternate Name  
Alias Name: TEMECULA VALLEY USD-T.L.C. NICOLAS RD.W  
Alias Type: Alternate Name  
Alias Name: 404191  
Alias Type: Project Code (Site Code)  
Alias Name: 33010042  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 07/16/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 03/07/2001  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**ENVIROSTOR:**

Facility ID: 33010042  
Status: Inactive - Withdrawn  
Status Date: 03/07/2001  
Site Code: 404191  
Site Type: School Investigation  
Site Type Detailed: School  
Acres: 8.9  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Not reported  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Assembly: 75  
Senate: 28

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**TEMECULA LEARNING CENTER (Continued)**

**S107737435**

Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 33.54314  
Longitude: -117.1244  
APN: NONE SPECIFIED  
Past Use: AGRICULTURAL - ROW CROPS  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: TEMECULA LEARNING CENTER (PROPOSED)  
Alias Type: Alternate Name  
Alias Name: TEMECULA VALLEY UNIFIED SCHOOL DISTRICT  
Alias Type: Alternate Name  
Alias Name: TEMECULA VALLEY USD-T.L.C. NICOLAS RD.W  
Alias Type: Alternate Name  
Alias Name: 404191  
Alias Type: Project Code (Site Code)  
Alias Name: 33010042  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 07/16/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 03/07/2001  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

33

**LAWRENCE T. LASAGNA  
30885 NICOLAS RD.  
MURRIETA, CA 92362**

**HIST UST U001575227  
N/A**

**HIST UST:**

Region: STATE  
Facility ID: 00000041020  
Facility Type: Other  
Other Type: FARM  
Total Tanks: 0002  
Contact Name: LAWRENCE LASAGNA  
Telephone: 7146765048  
Owner Name: LAWRENCE T. LASAGNA



MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)Site		Database(s)	EPA ID Number

LAWRENCE T. LASAGNA (Continued)

U001575227

Owner Address: 30885 NICOLAS RD.  
Owner City,St,Zip: MURRIETA, CA 92362

Tank Num: 001  
Container Num: #1  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: #2  
Year Installed: Not reported  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FRENCH VALLEY	1005441392	NORTH ORANGE COAST PAINTING	WINCHESTER RD 1 MILE E OF HWY	92563	RCRA-SQG, HAZNET
GREEN ACRES	1004677862	ARCO FACILITY NO 05750	33440 HWY 74	92545	RCRA-SQG
HEMET	S104747911	HEMET VALLEY FLYING SERVI	4530	92545	HIST CORTESE
HEMET	1004675626	ARTITECTS CONSTRUCTION SERVICE	32643 HWY 74	92545	RCRA NonGen / NLR, FINDS
HEMET	S113449915	AIRWAY PLACE INDUSTRIAL PROJECT	814 AIRWAY PLACE	92545	NPDES
HEMET	S112872035	HEMET VALLEY FLYING SERVICE	4530 WALDON WEAVER RD	92545	HAZNET
HEMET	S114405790	DOMENIGONI PARKWAY PRESSURE BETTERMENT PROJECT	WINCHESTER RD AND DOMENIGONI PKWY TO CAWSTON AVE AND WENTWOR	92545	NPDES
HOMELAND	U003659583	UNI-MART	31880 HWY 74	92548	UST
HOMELAND	1007200267	TOSCO 00346	31770 HWY 74	92548	RCRA-LQG
MENIFEE	S115951055	VALLEY AB EXPANSION	SOUTHWEST CORNER OF HWY 74 AND MENIFEE ROAD	92585	NPDES
MENIFEE	S112946389	WASTE MANAGEMENT MORENO VALLEY	2990 GIFHORN RD	92584	HAZNET
MENIFEE	S111293002	TRACT 34180 TRACT 34406 MENIFEE VALLEY RANCH	NW INTERSECTION SIMPSON RD AND BRIGGS RD	92584	NPDES
MENIFEE	S111460037	VALLEY IVYGLEN 115KV SUBTRANSMISSION LINE PROJECT PHASE I	LINEAR PROJECT IN MENIFEE PERRIS LAKE ELSINORE AND PORTIONS	92585	NPDES
MENIFEE	S111292123	MENIFEE VALLEY RANCH	NE QUAD MENIFEE RD AND MCCALL BLVD	92585	NPDES
MURRIETA	S112902155	WASTE MANAGEMENT OF MORENO VALLEY	INTERSTATE 215 MILE MARKER 10.4	92563	HAZNET
MURRIETA	1014387971	LOMA LINDA UNIVERSITY MEDICAL CENTER - MURRIETA	28062 BAXTER RD	92563	RCRA-LQG, HAZNET
MURRIETA	S110656481	MURRIETA RECYCLING	38365 K INNOVATION CT STE 1102-1105	92563	SWRCY
MURRIETA	S112943232	TEMACULA VALLEY LLC	24340 24250 JEFFERSON AVE	92562	HAZNET
MURRIETA	S113450256	LEON ROAD IMPROVEMENT PROJECT	LEON ROAD BETWEEN KELLER AND SCOTT	92596	NPDES
MURRIETA	U004009973	SAM'S CLUB #4822	40500 MURRIETA HOT SPRGS RD	92562	UST
MURRIETA	S113882038	WESTERN MWD - MURRIETA SOUTH WELL DEVELOPMENT GROUNDWATER DI	0000 NORTH OF KALMIA STREET AT NEW CLAY STREET STREET	92562	NPDES
PERRIS	S111292122	MENIFEE VALLEY RANCH 31795 1	NE QUAD MENIFEE RD AT MCCALL BLVD	92585	NPDES
PERRIS	S109450273	MENIFEE VALLEY RANCH	NE QUAD MENIFEE RD & MCCALL BLVD	92585	NPDES
RIVERSIDE COUNTY	M300003147	COACHELLA VALLEY AGGREGATE	COACHELLA VALLEY AGGREGATE		US MINES
RIVERSIDE COUNTY	M300006400	HANSON AGGREGATES WEST, INC.	EAGLE VALLEY QUARRY		US MINES
RIVERSIDE COUNTY	M300003129	FOSTER SAND & GRAVEL CO.	MAITRI CANYON PLANT		US MINES
RIVERSIDE COUNTY	M300003149	ROBERT R. FORD TRUCKING, INC.	PACIFIC CLAY / FORD PIT		US MINES
RIVERSIDE COUNTY	M300003150	WYROC INC.	PACIFIC CLAY		US MINES
RIVERSIDE COUNTY	M300006398	PAUL HUBBS CONSTRUCTION CO.	PYRITE QUARRY		US MINES
RIVERSIDE COUNTY	M300003151	KEC ENGINEERING	RIVER ROAD SAND JOB		US MINES
RIVERSIDE COUNTY	M300003139	CHANDLER AGGREGATES, INC.	SIERRA PLANT		US MINES
RIVERSIDE COUNTY	M300003144	WYROC, INC.	WYROC LAKE STREET PLANT		US MINES
ROMOLAND	A100160832	VALLEY SUBSTATION	26125 MENISEE RD.	92585	AST
SUN CITY	S111292124	MENIFEE VALLEY RANCH	NE QUADRANT OF MANIFEE RD AND MCCALL BLVD	92585	NPDES
TEMECULA	S112958846	TEMECULA VALLEY USD	39819 BENTON RD	92596	HAZNET
TEMECULA	S114405845	FRENCH VALLEY TRACT 32185	INTERSECTION OF LEON RD AND COOKIE RD	92596	NPDES
TEMECULA	S106203480	SERAPHINA ROAD PROJECT	S. OF MURRIETA HOT SPRINGS RD	92563	WDS
TEMECULA	1014386502	WELL 122	45935 PALA ROAD	92591	RCRA-LQG

Count: 45 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
TEMECULA	S115951094	WINE COUNTRY INFRASTRUCTURE PROJECT	RANCHO CALIFORNIA ROAD	92591	NPDES
WINCHESTER	S109441010	CROWN VALLEY VILLAGE	AULD ROAD AND POURROY ROAD	92596	NPDES
WINCHESTER	1016423978	FRENCH VALLEY CHEVRON #8	30616 BENTON RD		FINDS
WINCHESTER	S109444048	FRENCH VALLEY WINCHESTER 1800	NE CORNER OF BENTON & POURROY RD	92596	NPDES
WINCHESTER	S103442683	LANDFILLDOUBLE BUTTE-CLOSED	GRAND AVE	0	WMUDS/SWAT, WDS
WINCHESTER	1010019147	DIAMOND VALLEY LAKE	NOT GIVEN		FINDS
WINCHESTER	S109458940	SOUTH OF OLIVE EAST OF LEON	S OF OLIVE E OF LEON	92596	NPDES

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **FEDERAL RECORDS**

### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 04/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

### **NPL Site Boundaries**

#### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 04/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

### **DELISTED NPL: National Priority List Deletions**

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 04/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

### CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013  
Date Data Arrived at EDR: 11/11/2013  
Date Made Active in Reports: 02/13/2014  
Number of Days to Update: 94

Source: EPA  
Telephone: 703-412-9810  
Last EDR Contact: 02/28/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Quarterly

### CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013  
Date Data Arrived at EDR: 11/11/2013  
Date Made Active in Reports: 02/13/2014  
Number of Days to Update: 94

Source: EPA  
Telephone: 703-412-9810  
Last EDR Contact: 02/28/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Quarterly

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014  
Date Data Arrived at EDR: 03/18/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 37

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Varies

### CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/11/2014  
Date Data Arrived at EDR: 03/13/2014  
Date Made Active in Reports: 04/09/2014  
Number of Days to Update: 27

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 03/13/2014  
Next Scheduled EDR Contact: 07/14/2014  
Data Release Frequency: Quarterly

### RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/11/2014  
Date Data Arrived at EDR: 03/13/2014  
Date Made Active in Reports: 04/09/2014  
Number of Days to Update: 27

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 03/13/2014  
Next Scheduled EDR Contact: 07/14/2014  
Data Release Frequency: Quarterly

### RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014  
Date Data Arrived at EDR: 03/13/2014  
Date Made Active in Reports: 04/09/2014  
Number of Days to Update: 27

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 03/13/2014  
Next Scheduled EDR Contact: 07/14/2014  
Data Release Frequency: Quarterly

### RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/11/2014  
Date Data Arrived at EDR: 03/13/2014  
Date Made Active in Reports: 04/09/2014  
Number of Days to Update: 27

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 03/13/2014  
Next Scheduled EDR Contact: 07/14/2014  
Data Release Frequency: Quarterly

### RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014  
Date Data Arrived at EDR: 03/13/2014  
Date Made Active in Reports: 04/09/2014  
Number of Days to Update: 27

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 03/13/2014  
Next Scheduled EDR Contact: 07/14/2014  
Data Release Frequency: Varies

### RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/11/2014  
Date Data Arrived at EDR: 03/13/2014  
Date Made Active in Reports: 04/09/2014  
Number of Days to Update: 27

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 03/13/2014  
Next Scheduled EDR Contact: 07/14/2014  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2014	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 03/10/2014
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2014	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 03/10/2014
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Varies

### ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/01/2013	Telephone: 202-267-2180
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/04/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Annually

### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2013	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/03/2014	Telephone: 202-366-4555
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 04/01/2014
Number of Days to Update: 52	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Annually

### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 05/06/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/18/2014
	Data Release Frequency: Varies

### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/04/2013  
Date Data Arrived at EDR: 12/10/2013  
Date Made Active in Reports: 02/13/2014  
Number of Days to Update: 65

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/04/2014  
Next Scheduled EDR Contact: 06/16/2014  
Data Release Frequency: Quarterly

### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/20/2014  
Date Data Arrived at EDR: 03/20/2014  
Date Made Active in Reports: 04/09/2014  
Number of Days to Update: 20

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 03/20/2014  
Next Scheduled EDR Contact: 07/07/2014  
Data Release Frequency: Semi-Annually

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 04/18/2014  
Next Scheduled EDR Contact: 07/28/2014  
Data Release Frequency: Semi-Annually

### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 02/28/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 55

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 03/10/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: Varies

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/26/2014  
Date Data Arrived at EDR: 02/28/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 55

Source: Department of the Navy  
Telephone: 843-820-7326  
Last EDR Contact: 02/14/2014  
Next Scheduled EDR Contact: 06/02/2014  
Data Release Frequency: Varies

### CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 01/24/2014  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 03/27/2014  
Next Scheduled EDR Contact: 07/14/2014  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013  
Date Data Arrived at EDR: 12/12/2013  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 74

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 03/11/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: Annually

### UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 02/25/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: No Update Planned

### US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013  
Date Data Arrived at EDR: 09/05/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 03/05/2014  
Next Scheduled EDR Contact: 06/16/2014  
Data Release Frequency: Semi-Annually

### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/31/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 44

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 02/26/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 09/29/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 64

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 03/28/2014  
Next Scheduled EDR Contact: 07/07/2014  
Data Release Frequency: Every 4 Years

### FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Quarterly

### FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

### HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 04/29/2014
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/09/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013	Source: EPA
Date Data Arrived at EDR: 07/17/2013	Telephone: 202-566-0500
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 04/18/2014
Number of Days to Update: 107	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Annually

### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/02/2013	Telephone: 301-415-7169
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 03/10/2014
Number of Days to Update: 91	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Quarterly

### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/09/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/10/2014	Telephone: 202-343-9775
Date Made Active in Reports: 03/12/2014	Last EDR Contact: 04/09/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/18/2013  
Date Data Arrived at EDR: 02/27/2014  
Date Made Active in Reports: 03/12/2014  
Number of Days to Update: 13

Source: EPA  
Telephone: (415) 947-8000  
Last EDR Contact: 03/14/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: Quarterly

### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

### RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2013  
Date Data Arrived at EDR: 12/12/2013  
Date Made Active in Reports: 02/13/2014  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Varies

### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 02/26/2013  
Date Made Active in Reports: 04/19/2013  
Number of Days to Update: 52

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 02/28/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Biennially

### US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013  
Date Data Arrived at EDR: 11/06/2013  
Date Made Active in Reports: 12/06/2013  
Number of Days to Update: 30

Source: EPA  
Telephone: 202-564-5962  
Last EDR Contact: 03/31/2014  
Next Scheduled EDR Contact: 07/14/2014  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013  
Date Data Arrived at EDR: 11/06/2013  
Date Made Active in Reports: 12/06/2013  
Number of Days to Update: 30

Source: EPA  
Telephone: 202-564-5962  
Last EDR Contact: 03/31/2014  
Next Scheduled EDR Contact: 07/14/2014  
Data Release Frequency: Annually

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011  
Date Data Arrived at EDR: 03/09/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 04/21/2014  
Next Scheduled EDR Contact: 08/04/2014  
Data Release Frequency: Varies

### US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/25/2014  
Date Data Arrived at EDR: 02/27/2014  
Date Made Active in Reports: 04/09/2014  
Number of Days to Update: 41

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 02/14/2014  
Next Scheduled EDR Contact: 06/02/2014  
Data Release Frequency: Quarterly

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007  
Date Data Arrived at EDR: 11/19/2008  
Date Made Active in Reports: 03/30/2009  
Number of Days to Update: 131

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/04/2014  
Next Scheduled EDR Contact: 06/16/2014  
Data Release Frequency: No Update Planned

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010  
Date Data Arrived at EDR: 02/16/2010  
Date Made Active in Reports: 04/12/2010  
Number of Days to Update: 55

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 04/15/2014  
Next Scheduled EDR Contact: 07/28/2014  
Data Release Frequency: Varies

### COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010  
Date Data Arrived at EDR: 01/03/2011  
Date Made Active in Reports: 03/21/2011  
Number of Days to Update: 77

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 03/11/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 05/02/2014
Number of Days to Update: 83	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

### FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/31/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2013	Telephone: 703-603-8704
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/11/2014
Number of Days to Update: 151	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Varies

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013	Source: EPA
Date Data Arrived at EDR: 07/03/2013	Telephone: 202-564-6023
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 04/04/2014
Number of Days to Update: 72	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Quarterly

### COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 04/18/2014
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Varies

### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/13/2013	Telephone: 617-520-3000
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 02/10/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 05/26/2014
	Data Release Frequency: Quarterly

### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/14/2013	Telephone: 703-603-8787
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 04/04/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011  
Date Data Arrived at EDR: 05/18/2012  
Date Made Active in Reports: 05/25/2012  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 02/14/2014  
Next Scheduled EDR Contact: 05/26/2014  
Data Release Frequency: Varies

### STATE AND LOCAL RECORDS

#### HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005  
Date Data Arrived at EDR: 08/03/2006  
Date Made Active in Reports: 08/24/2006  
Number of Days to Update: 21

Source: Department of Toxic Substance Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/23/2009  
Next Scheduled EDR Contact: 05/25/2009  
Data Release Frequency: No Update Planned

#### CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989  
Date Data Arrived at EDR: 07/27/1994  
Date Made Active in Reports: 08/02/1994  
Number of Days to Update: 6

Source: Department of Health Services  
Telephone: 916-255-2118  
Last EDR Contact: 05/31/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 03/12/2014  
Date Data Arrived at EDR: 03/13/2014  
Date Made Active in Reports: 04/10/2014  
Number of Days to Update: 28

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 05/06/2014  
Next Scheduled EDR Contact: 08/18/2014  
Data Release Frequency: Quarterly

#### TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/1995  
Date Data Arrived at EDR: 08/30/1995  
Date Made Active in Reports: 09/26/1995  
Number of Days to Update: 27

Source: State Water Resources Control Board  
Telephone: 916-227-4364  
Last EDR Contact: 01/26/2009  
Next Scheduled EDR Contact: 04/27/2009  
Data Release Frequency: No Update Planned

### SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/14/2014  
Date Data Arrived at EDR: 02/18/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 28

Source: Department of Resources Recycling and Recovery  
Telephone: 916-341-6320  
Last EDR Contact: 02/18/2014  
Next Scheduled EDR Contact: 06/02/2014  
Data Release Frequency: Quarterly

### WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000  
Date Data Arrived at EDR: 04/10/2000  
Date Made Active in Reports: 05/10/2000  
Number of Days to Update: 30

Source: State Water Resources Control Board  
Telephone: 916-227-4448  
Last EDR Contact: 05/07/2014  
Next Scheduled EDR Contact: 08/25/2014  
Data Release Frequency: No Update Planned

### UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 01/15/2014  
Date Data Arrived at EDR: 03/18/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 37

Source: Department of Conservation  
Telephone: 916-445-2408  
Last EDR Contact: 03/18/2014  
Next Scheduled EDR Contact: 06/30/2014  
Data Release Frequency: Varies

### WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007  
Date Data Arrived at EDR: 06/20/2007  
Date Made Active in Reports: 06/29/2007  
Number of Days to Update: 9

Source: State Water Resources Control Board  
Telephone: 916-341-5227  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Quarterly

### NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/17/2014  
Date Data Arrived at EDR: 02/18/2014  
Date Made Active in Reports: 03/27/2014  
Number of Days to Update: 37

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 02/18/2014  
Next Scheduled EDR Contact: 06/02/2014  
Data Release Frequency: Quarterly

### CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/31/2014  
Date Data Arrived at EDR: 04/02/2014  
Date Made Active in Reports: 04/29/2014  
Number of Days to Update: 27

Source: CAL EPA/Office of Emergency Information  
Telephone: 916-323-3400  
Last EDR Contact: 04/01/2014  
Next Scheduled EDR Contact: 07/14/2014  
Data Release Frequency: Quarterly

### HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001  
Date Data Arrived at EDR: 01/22/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 76

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/22/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/17/2014  
Date Data Arrived at EDR: 03/18/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 37

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 03/18/2014  
Next Scheduled EDR Contact: 06/30/2014  
Data Release Frequency: Quarterly

### LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001  
Date Data Arrived at EDR: 04/23/2001  
Date Made Active in Reports: 05/21/2001  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-637-5595  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: No Update Planned

### LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005  
Date Data Arrived at EDR: 02/15/2005  
Date Made Active in Reports: 03/28/2005  
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)  
Telephone: 909-782-4496  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: Varies

### LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005  
Date Data Arrived at EDR: 06/07/2005  
Date Made Active in Reports: 06/29/2005  
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-241-7365  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

### LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003  
Date Data Arrived at EDR: 09/10/2003  
Date Made Active in Reports: 10/07/2003  
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)  
Telephone: 530-542-5572  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008

Date Data Arrived at EDR: 07/22/2008

Date Made Active in Reports: 07/31/2008

Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-4834

Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011

Data Release Frequency: No Update Planned

### LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004

Date Data Arrived at EDR: 09/07/2004

Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6710

Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011

Data Release Frequency: No Update Planned

### LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003

Date Data Arrived at EDR: 05/19/2003

Date Made Active in Reports: 06/02/2003

Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-542-4786

Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011

Data Release Frequency: No Update Planned

### LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004

Date Data Arrived at EDR: 10/20/2004

Date Made Active in Reports: 11/19/2004

Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-622-2433

Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012

Data Release Frequency: Quarterly

### LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001

Date Data Arrived at EDR: 02/28/2001

Date Made Active in Reports: 03/29/2001

Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)

Telephone: 707-570-3769

Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011

Data Release Frequency: No Update Planned

### LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 03/17/2014

Date Data Arrived at EDR: 03/19/2014

Date Made Active in Reports: 04/24/2014

Number of Days to Update: 36

Source: State Water Resources Control Board

Telephone: see region list

Last EDR Contact: 05/01/2014

Next Scheduled EDR Contact: 06/30/2014

Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004

Date Data Arrived at EDR: 02/26/2004

Date Made Active in Reports: 03/24/2004

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)

Telephone: 760-776-8943

Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011

Data Release Frequency: No Update Planned

### CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994

Date Data Arrived at EDR: 09/05/1995

Date Made Active in Reports: 09/29/1995

Number of Days to Update: 24

Source: California Environmental Protection Agency

Telephone: 916-341-5851

Last EDR Contact: 12/28/1998

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

### SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 03/17/2014

Date Data Arrived at EDR: 03/19/2014

Date Made Active in Reports: 04/28/2014

Number of Days to Update: 40

Source: State Water Resources Control Board

Telephone: 866-480-1028

Last EDR Contact: 05/01/2014

Next Scheduled EDR Contact: 06/30/2014

Data Release Frequency: Varies

### SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003

Date Data Arrived at EDR: 04/07/2003

Date Made Active in Reports: 04/25/2003

Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)

Telephone: 707-576-2220

Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011

Data Release Frequency: No Update Planned

### SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004

Date Data Arrived at EDR: 10/20/2004

Date Made Active in Reports: 11/19/2004

Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457

Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012

Data Release Frequency: Quarterly

### SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006

Date Data Arrived at EDR: 05/18/2006

Date Made Active in Reports: 06/15/2006

Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-549-3147

Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011

Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004  
Date Data Arrived at EDR: 11/18/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: Varies

### SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005  
Date Data Arrived at EDR: 04/05/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-3291  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Semi-Annually

### SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005  
Date Data Arrived at EDR: 05/25/2005  
Date Made Active in Reports: 06/16/2005  
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch  
Telephone: 619-241-6583  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: Semi-Annually

### SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region  
Telephone: 530-542-5574  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

### SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004  
Date Data Arrived at EDR: 11/29/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region  
Telephone: 760-346-7491  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

### SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008  
Date Data Arrived at EDR: 04/03/2008  
Date Made Active in Reports: 04/14/2008  
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-3298  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/11/2007  
Date Made Active in Reports: 09/28/2007  
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 08/08/2011  
Next Scheduled EDR Contact: 11/21/2011  
Data Release Frequency: Annually

### UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/17/2014  
Date Data Arrived at EDR: 03/19/2014  
Date Made Active in Reports: 04/25/2014  
Number of Days to Update: 37

Source: SWRCB  
Telephone: 916-341-5851  
Last EDR Contact: 03/19/2014  
Next Scheduled EDR Contact: 06/30/2014  
Data Release Frequency: Semi-Annually

### UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009  
Date Data Arrived at EDR: 09/23/2009  
Date Made Active in Reports: 10/01/2009  
Number of Days to Update: 8

Source: Department of Public Health  
Telephone: 707-463-4466  
Last EDR Contact: 03/03/2014  
Next Scheduled EDR Contact: 06/16/2014  
Data Release Frequency: Annually

### HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990  
Date Data Arrived at EDR: 01/25/1991  
Date Made Active in Reports: 02/12/1991  
Number of Days to Update: 18

Source: State Water Resources Control Board  
Telephone: 916-341-5851  
Last EDR Contact: 07/26/2001  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 01/17/2014  
Date Data Arrived at EDR: 01/21/2014  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 21

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 03/10/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: Varies

### SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994  
Date Data Arrived at EDR: 07/07/2005  
Date Made Active in Reports: 08/11/2005  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/03/2005  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/14/2013  
Date Data Arrived at EDR: 10/30/2013  
Date Made Active in Reports: 12/03/2013  
Number of Days to Update: 34

Source: Office of Emergency Services  
Telephone: 916-845-8400  
Last EDR Contact: 04/29/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Varies

### LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 03/17/2014  
Date Data Arrived at EDR: 03/19/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 36

Source: State Water Quality Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 05/01/2014  
Next Scheduled EDR Contact: 06/30/2014  
Data Release Frequency: Quarterly

### MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 03/17/2014  
Date Data Arrived at EDR: 03/19/2014  
Date Made Active in Reports: 04/25/2014  
Number of Days to Update: 37

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 05/01/2014  
Next Scheduled EDR Contact: 06/30/2014  
Data Release Frequency: Quarterly

### AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009  
Date Data Arrived at EDR: 09/10/2009  
Date Made Active in Reports: 10/01/2009  
Number of Days to Update: 21

Source: California Environmental Protection Agency  
Telephone: 916-327-5092  
Last EDR Contact: 04/07/2014  
Next Scheduled EDR Contact: 07/21/2014  
Data Release Frequency: Quarterly

### NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993  
Date Data Arrived at EDR: 11/01/1993  
Date Made Active in Reports: 11/19/1993  
Number of Days to Update: 18

Source: State Water Resources Control Board  
Telephone: 916-445-3846  
Last EDR Contact: 04/07/2014  
Next Scheduled EDR Contact: 07/07/2014  
Data Release Frequency: No Update Planned

### DEED: Deed Restriction Listing

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/10/2014	Source: DTSC and SWRCB
Date Data Arrived at EDR: 03/11/2014	Telephone: 916-323-3400
Date Made Active in Reports: 04/10/2014	Last EDR Contact: 03/11/2014
Number of Days to Update: 30	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Semi-Annually

### VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 03/12/2014	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/13/2014	Telephone: 916-323-3400
Date Made Active in Reports: 04/10/2014	Last EDR Contact: 05/06/2014
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/18/2014
	Data Release Frequency: Quarterly

### DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 09/10/2013	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 09/11/2013	Telephone: 916-327-4498
Date Made Active in Reports: 10/16/2013	Last EDR Contact: 03/10/2014
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Annually

### WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 03/31/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Varies

### ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 02/25/2014	Source: State Water Resources Control Board
Date Data Arrived at EDR: 02/27/2014	Telephone: 916-445-9379
Date Made Active in Reports: 03/18/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 02/28/2014  
Date Made Active in Reports: 03/20/2014  
Number of Days to Update: 20

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 04/10/2014  
Next Scheduled EDR Contact: 07/28/2014  
Data Release Frequency: Varies

### RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 03/12/2014  
Date Data Arrived at EDR: 03/13/2014  
Date Made Active in Reports: 04/10/2014  
Number of Days to Update: 28

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 05/06/2014  
Next Scheduled EDR Contact: 08/18/2014  
Data Release Frequency: Quarterly

### HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 07/16/2013  
Date Made Active in Reports: 08/26/2013  
Number of Days to Update: 41

Source: California Environmental Protection Agency  
Telephone: 916-255-1136  
Last EDR Contact: 04/18/2014  
Next Scheduled EDR Contact: 07/28/2014  
Data Release Frequency: Annually

### EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 03/25/2014  
Date Made Active in Reports: 04/28/2014  
Number of Days to Update: 34

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 03/25/2014  
Next Scheduled EDR Contact: 07/07/2014  
Data Release Frequency: Varies

### HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 02/18/2014  
Date Data Arrived at EDR: 02/20/2014  
Date Made Active in Reports: 03/27/2014  
Number of Days to Update: 35

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 02/14/2014  
Next Scheduled EDR Contact: 06/02/2014  
Data Release Frequency: Varies

### ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/12/2014  
Date Data Arrived at EDR: 03/13/2014  
Date Made Active in Reports: 04/10/2014  
Number of Days to Update: 28

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 05/06/2014  
Next Scheduled EDR Contact: 08/18/2014  
Data Release Frequency: Quarterly

### MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/21/2014  
Date Data Arrived at EDR: 03/12/2014  
Date Made Active in Reports: 04/14/2014  
Number of Days to Update: 33

Source: Department of Public Health  
Telephone: 916-558-1784  
Last EDR Contact: 03/10/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: Varies

### HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/14/2014  
Date Data Arrived at EDR: 04/15/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 9

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 04/15/2014  
Next Scheduled EDR Contact: 07/28/2014  
Data Release Frequency: Quarterly

### HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/24/2014  
Date Data Arrived at EDR: 02/25/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 21

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/25/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Quarterly

### PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/17/2014  
Date Data Arrived at EDR: 03/18/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 37

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 03/18/2014  
Next Scheduled EDR Contact: 06/30/2014  
Data Release Frequency: Quarterly

### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/13/2014  
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/30/2013  
Number of Days to Update: 182

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### TRIBAL RECORDS

#### INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 34

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 04/18/2014  
Next Scheduled EDR Contact: 07/28/2014  
Data Release Frequency: Semi-Annually

#### INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 05/02/2014  
Next Scheduled EDR Contact: 08/18/2014  
Data Release Frequency: Varies

#### INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/13/2014  
Date Data Arrived at EDR: 02/14/2014  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 10

Source: EPA, Region 5  
Telephone: 312-886-7439  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Varies

#### INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013  
Date Data Arrived at EDR: 03/01/2013  
Date Made Active in Reports: 04/12/2013  
Number of Days to Update: 42

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Quarterly

#### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013  
Date Data Arrived at EDR: 11/07/2013  
Date Made Active in Reports: 12/06/2013  
Number of Days to Update: 29

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Quarterly

#### INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012  
Date Data Arrived at EDR: 08/28/2012  
Date Made Active in Reports: 10/16/2012  
Number of Days to Update: 49

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/20/2014	Source: EPA Region 7
Date Data Arrived at EDR: 02/21/2014	Telephone: 913-551-7003
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 62	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

### INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 02/21/2014
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

### INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/21/2013	Source: EPA Region 4
Date Data Arrived at EDR: 11/26/2013	Telephone: 404-562-8677
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 04/22/2014
Number of Days to Update: 90	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

### INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 05/02/2014
Number of Days to Update: 184	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

### INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013	Source: EPA, Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 01/27/2014	Last EDR Contact: 05/02/2014
Number of Days to Update: 271	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

### INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/21/2013	Source: EPA Region 4
Date Data Arrived at EDR: 11/26/2013	Telephone: 404-562-9424
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 04/22/2014
Number of Days to Update: 90	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

### INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/13/2014  
Date Data Arrived at EDR: 02/14/2014  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 10

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Varies

### INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 01/29/2014  
Date Data Arrived at EDR: 01/29/2014  
Date Made Active in Reports: 03/12/2014  
Number of Days to Update: 42

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 01/27/2014  
Next Scheduled EDR Contact: 05/12/2014  
Data Release Frequency: Semi-Annually

### INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 02/20/2014  
Date Data Arrived at EDR: 02/21/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 62

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Varies

### INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/29/2013  
Date Data Arrived at EDR: 08/01/2013  
Date Made Active in Reports: 11/01/2013  
Number of Days to Update: 92

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Quarterly

### INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 07/29/2013  
Date Data Arrived at EDR: 07/30/2013  
Date Made Active in Reports: 12/06/2013  
Number of Days to Update: 129

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Quarterly

### INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013  
Date Data Arrived at EDR: 02/06/2013  
Date Made Active in Reports: 04/12/2013  
Number of Days to Update: 65

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Quarterly

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/20/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 04/20/2009  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/17/2013  
Date Data Arrived at EDR: 10/01/2013  
Date Made Active in Reports: 12/06/2013  
Number of Days to Update: 66

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 04/01/2014  
Next Scheduled EDR Contact: 07/14/2014  
Data Release Frequency: Varies

### EDR PROPRIETARY RECORDS

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: N/A  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: N/A  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/22/2014  
Date Data Arrived at EDR: 01/23/2014  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 19

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 03/31/2014  
Next Scheduled EDR Contact: 07/14/2014  
Data Release Frequency: Semi-Annually

#### Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/22/2014  
Date Data Arrived at EDR: 01/23/2014  
Date Made Active in Reports: 02/12/2014  
Number of Days to Update: 20

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 03/31/2014  
Next Scheduled EDR Contact: 07/14/2014  
Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

#### CUPA Facility List

Cupa Facility List

Date of Government Version: 03/24/2014  
Date Data Arrived at EDR: 03/24/2014  
Date Made Active in Reports: 04/30/2014  
Number of Days to Update: 37

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 03/24/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: Varies

### BUTTE COUNTY:

#### CUPA Facility Listing

Cupa facility list.

Date of Government Version: 08/01/2013  
Date Data Arrived at EDR: 08/02/2013  
Date Made Active in Reports: 08/22/2013  
Number of Days to Update: 20

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 04/10/2014  
Next Scheduled EDR Contact: 07/28/2014  
Data Release Frequency: No Update Planned

### CALVERAS COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CUPA Facility Listing

#### Cupa Facility Listing

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 04/03/2014  
Date Made Active in Reports: 04/29/2014  
Number of Days to Update: 26

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 03/31/2014  
Next Scheduled EDR Contact: 07/14/2014  
Data Release Frequency: Quarterly

### COLUSA COUNTY:

#### CUPA Facility List

##### Cupa facility list.

Date of Government Version: 12/05/2013  
Date Data Arrived at EDR: 12/05/2013  
Date Made Active in Reports: 01/27/2014  
Number of Days to Update: 53

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 03/13/2014  
Next Scheduled EDR Contact: 05/26/2014  
Data Release Frequency: Varies

### CONTRA COSTA COUNTY:

#### Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/24/2014  
Date Data Arrived at EDR: 02/25/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 21

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 05/05/2014  
Next Scheduled EDR Contact: 08/18/2014  
Data Release Frequency: Semi-Annually

### DEL NORTE COUNTY:

#### CUPA Facility List

##### Cupa Facility list

Date of Government Version: 01/09/2013  
Date Data Arrived at EDR: 01/10/2013  
Date Made Active in Reports: 02/25/2013  
Number of Days to Update: 46

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 05/05/2014  
Next Scheduled EDR Contact: 08/18/2014  
Data Release Frequency: Varies

### EL DORADO COUNTY:

#### CUPA Facility List

##### CUPA facility list.

Date of Government Version: 02/20/2014  
Date Data Arrived at EDR: 02/21/2014  
Date Made Active in Reports: 03/20/2014  
Number of Days to Update: 27

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 05/05/2014  
Next Scheduled EDR Contact: 08/18/2014  
Data Release Frequency: Varies

### FRESNO COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/31/2014  
Date Data Arrived at EDR: 04/15/2014  
Date Made Active in Reports: 05/01/2014  
Number of Days to Update: 16

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 04/14/2014  
Next Scheduled EDR Contact: 07/28/2014  
Data Release Frequency: Semi-Annually

### HUMBOLDT COUNTY:

#### CUPA Facility List

CUPA facility list.

Date of Government Version: 03/20/2014  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 04/28/2014  
Number of Days to Update: 38

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

### IMPERIAL COUNTY:

#### CUPA Facility List

Cupa facility list.

Date of Government Version: 01/27/2014  
Date Data Arrived at EDR: 01/28/2014  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 14

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Varies

### INYO COUNTY:

#### CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013  
Date Data Arrived at EDR: 09/11/2013  
Date Made Active in Reports: 10/14/2013  
Number of Days to Update: 33

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

### KERN COUNTY:

#### Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010  
Date Data Arrived at EDR: 09/01/2010  
Date Made Active in Reports: 09/30/2010  
Number of Days to Update: 29

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 02/10/2014  
Next Scheduled EDR Contact: 05/26/2014  
Data Release Frequency: Quarterly

### KINGS COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/25/2014  
Date Data Arrived at EDR: 02/27/2014  
Date Made Active in Reports: 03/20/2014  
Number of Days to Update: 21

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

### LAKE COUNTY:

#### CUPA Facility List

Cupa facility list

Date of Government Version: 01/23/2013  
Date Data Arrived at EDR: 01/25/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 33

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 04/21/2014  
Next Scheduled EDR Contact: 08/04/2014  
Data Release Frequency: Varies

### LOS ANGELES COUNTY:

#### San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: EPA Region 9  
Telephone: 415-972-3178  
Last EDR Contact: 03/24/2014  
Next Scheduled EDR Contact: 07/07/2014  
Data Release Frequency: No Update Planned

#### HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 12/06/2013  
Date Data Arrived at EDR: 01/28/2014  
Date Made Active in Reports: 03/17/2014  
Number of Days to Update: 48

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 04/02/2014  
Next Scheduled EDR Contact: 07/28/2014  
Data Release Frequency: Semi-Annually

#### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/20/2014  
Date Data Arrived at EDR: 01/21/2014  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 21

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 04/22/2014  
Next Scheduled EDR Contact: 08/04/2014  
Data Release Frequency: Varies

#### City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009  
Date Data Arrived at EDR: 03/10/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 29

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 04/17/2014  
Next Scheduled EDR Contact: 08/04/2014  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/07/2014	Source: Community Health Services
Date Data Arrived at EDR: 02/25/2014	Telephone: 323-890-7806
Date Made Active in Reports: 03/25/2014	Last EDR Contact: 04/17/2014
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/04/2014
	Data Release Frequency: Annually

### City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 02/10/2014	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 02/12/2014	Telephone: 310-524-2236
Date Made Active in Reports: 03/17/2014	Last EDR Contact: 04/21/2014
Number of Days to Update: 33	Next Scheduled EDR Contact: 08/04/2014
	Data Release Frequency: Semi-Annually

### City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 02/25/2014	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 02/27/2014	Telephone: 562-570-2563
Date Made Active in Reports: 04/14/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 46	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Annually

### City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/13/2014	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 03/27/2014	Telephone: 310-618-2973
Date Made Active in Reports: 04/28/2014	Last EDR Contact: 04/14/2014
Number of Days to Update: 32	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Semi-Annually

### MADERA COUNTY:

#### CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 03/26/2014	Source: Madera County Environmental Health
Date Data Arrived at EDR: 03/27/2014	Telephone: 559-675-7823
Date Made Active in Reports: 04/29/2014	Last EDR Contact: 02/24/2014
Number of Days to Update: 33	Next Scheduled EDR Contact: 06/09/2014
	Data Release Frequency: Varies

### MARIN COUNTY:

#### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/03/2014	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 01/09/2014	Telephone: 415-499-6647
Date Made Active in Reports: 02/12/2014	Last EDR Contact: 04/07/2014
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Semi-Annually

### MERCED COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CUPA Facility List CUPA facility list.

Date of Government Version: 03/10/2014  
Date Data Arrived at EDR: 03/11/2014  
Date Made Active in Reports: 04/10/2014  
Number of Days to Update: 30

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 03/10/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

### MONO COUNTY:

#### CUPA Facility List CUPA Facility List

Date of Government Version: 03/03/2014  
Date Data Arrived at EDR: 03/04/2014  
Date Made Active in Reports: 04/01/2014  
Number of Days to Update: 28

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 03/03/2014  
Next Scheduled EDR Contact: 06/16/2014  
Data Release Frequency: Varies

### MONTEREY COUNTY:

#### CUPA Facility Listing CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/18/2014  
Date Data Arrived at EDR: 03/20/2014  
Date Made Active in Reports: 04/25/2014  
Number of Days to Update: 36

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

### NAPA COUNTY:

#### Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011  
Date Data Arrived at EDR: 12/06/2011  
Date Made Active in Reports: 02/07/2012  
Number of Days to Update: 63

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 03/03/2014  
Next Scheduled EDR Contact: 06/06/2014  
Data Release Frequency: No Update Planned

#### Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008  
Date Data Arrived at EDR: 01/16/2008  
Date Made Active in Reports: 02/08/2008  
Number of Days to Update: 23

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 03/03/2014  
Next Scheduled EDR Contact: 06/16/2014  
Data Release Frequency: No Update Planned

### NEVADA COUNTY:

#### CUPA Facility List CUPA facility list.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/06/2013  
Date Data Arrived at EDR: 11/07/2013  
Date Made Active in Reports: 12/04/2013  
Number of Days to Update: 27

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 05/05/2014  
Next Scheduled EDR Contact: 08/18/2014  
Data Release Frequency: Varies

### ORANGE COUNTY:

#### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 02/01/2014  
Date Data Arrived at EDR: 02/12/2014  
Date Made Active in Reports: 03/17/2014  
Number of Days to Update: 33

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 05/07/2014  
Next Scheduled EDR Contact: 08/28/2014  
Data Release Frequency: Annually

#### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/03/2014  
Date Data Arrived at EDR: 02/13/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 33

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 05/07/2014  
Next Scheduled EDR Contact: 08/25/2014  
Data Release Frequency: Quarterly

#### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/01/2014  
Date Data Arrived at EDR: 02/12/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 34

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 05/07/2014  
Next Scheduled EDR Contact: 08/25/2014  
Data Release Frequency: Quarterly

### PLACER COUNTY:

#### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/10/2014  
Date Data Arrived at EDR: 03/11/2014  
Date Made Active in Reports: 04/10/2014  
Number of Days to Update: 30

Source: Placer County Health and Human Services  
Telephone: 530-745-2363  
Last EDR Contact: 03/10/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: Semi-Annually

### RIVERSIDE COUNTY:

#### Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/15/2014  
Date Data Arrived at EDR: 04/17/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 7

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 03/02/2014  
Next Scheduled EDR Contact: 07/07/2014  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Underground Storage Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/14/2014  
Date Data Arrived at EDR: 01/15/2014  
Date Made Active in Reports: 02/12/2014  
Number of Days to Update: 28

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 03/24/2014  
Next Scheduled EDR Contact: 07/07/2014  
Data Release Frequency: Quarterly

### SACRAMENTO COUNTY:

#### Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/06/2014  
Date Data Arrived at EDR: 04/08/2014  
Date Made Active in Reports: 04/29/2014  
Number of Days to Update: 21

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 04/04/2014  
Next Scheduled EDR Contact: 07/21/2014  
Data Release Frequency: Quarterly

#### Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/06/2014  
Date Data Arrived at EDR: 04/08/2014  
Date Made Active in Reports: 04/29/2014  
Number of Days to Update: 21

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 04/04/2014  
Next Scheduled EDR Contact: 07/21/2014  
Data Release Frequency: Quarterly

### SAN BERNARDINO COUNTY:

#### Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 03/18/2014  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 04/25/2014  
Number of Days to Update: 35

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 02/10/2014  
Next Scheduled EDR Contact: 05/26/2014  
Data Release Frequency: Quarterly

### SAN DIEGO COUNTY:

#### Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013  
Date Data Arrived at EDR: 09/24/2013  
Date Made Active in Reports: 10/17/2013  
Number of Days to Update: 23

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 03/10/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2013  
Date Data Arrived at EDR: 11/19/2013  
Date Made Active in Reports: 12/31/2013  
Number of Days to Update: 42

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Varies

### Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010  
Date Data Arrived at EDR: 06/15/2010  
Date Made Active in Reports: 07/09/2010  
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 03/10/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: No Update Planned

### SAN FRANCISCO COUNTY:

#### Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 09/29/2008  
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 02/10/2014  
Next Scheduled EDR Contact: 05/26/2014  
Data Release Frequency: Quarterly

#### Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010  
Date Data Arrived at EDR: 03/10/2011  
Date Made Active in Reports: 03/15/2011  
Number of Days to Update: 5

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 02/10/2014  
Next Scheduled EDR Contact: 05/26/2014  
Data Release Frequency: Quarterly

### SAN JOAQUIN COUNTY:

#### San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 04/10/2014  
Date Data Arrived at EDR: 04/11/2014  
Date Made Active in Reports: 04/29/2014  
Number of Days to Update: 18

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 04/07/2014  
Next Scheduled EDR Contact: 07/07/2014  
Data Release Frequency: Semi-Annually

### SAN LUIS OBISPO COUNTY:

#### CUPA Facility List

Cupa Facility List.

Date of Government Version: 02/24/2014  
Date Data Arrived at EDR: 02/26/2014  
Date Made Active in Reports: 03/26/2014  
Number of Days to Update: 28

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

### SAN MATEO COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/03/2014

Date Data Arrived at EDR: 04/04/2014

Date Made Active in Reports: 05/01/2014

Number of Days to Update: 27

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921

Last EDR Contact: 03/17/2014

Next Scheduled EDR Contact: 06/30/2014

Data Release Frequency: Annually

### Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/17/2014

Date Data Arrived at EDR: 03/18/2014

Date Made Active in Reports: 04/24/2014

Number of Days to Update: 37

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921

Last EDR Contact: 03/17/2014

Next Scheduled EDR Contact: 06/30/2014

Data Release Frequency: Semi-Annually

### SANTA BARBARA COUNTY:

#### CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011

Date Data Arrived at EDR: 09/09/2011

Date Made Active in Reports: 10/07/2011

Number of Days to Update: 28

Source: Santa Barbara County Public Health Department

Telephone: 805-686-8167

Last EDR Contact: 02/24/2014

Next Scheduled EDR Contact: 06/09/2014

Data Release Frequency: Varies

### SANTA CLARA COUNTY:

#### Cupa Facility List

Cupa facility list

Date of Government Version: 03/04/2014

Date Data Arrived at EDR: 03/06/2014

Date Made Active in Reports: 03/20/2014

Number of Days to Update: 14

Source: Department of Environmental Health

Telephone: 408-918-1973

Last EDR Contact: 03/03/2014

Next Scheduled EDR Contact: 06/16/2014

Data Release Frequency: Varies

#### HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005

Date Data Arrived at EDR: 03/30/2005

Date Made Active in Reports: 04/21/2005

Number of Days to Update: 22

Source: Santa Clara Valley Water District

Telephone: 408-265-2600

Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009

Data Release Frequency: No Update Planned

#### LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014

Date Data Arrived at EDR: 03/05/2014

Date Made Active in Reports: 03/18/2014

Number of Days to Update: 13

Source: Department of Environmental Health

Telephone: 408-918-3417

Last EDR Contact: 03/03/2014

Next Scheduled EDR Contact: 06/16/2014

Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/07/2014  
Date Data Arrived at EDR: 02/11/2014  
Date Made Active in Reports: 03/17/2014  
Number of Days to Update: 34

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 02/10/2014  
Next Scheduled EDR Contact: 05/26/2014  
Data Release Frequency: Annually

### SANTA CRUZ COUNTY:

#### CUPA Facility List

CUPA facility listing.

Date of Government Version: 02/24/2014  
Date Data Arrived at EDR: 02/25/2014  
Date Made Active in Reports: 03/20/2014  
Number of Days to Update: 33

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

### SHASTA COUNTY:

#### CUPA Facility List

Cupa Facility List.

Date of Government Version: 03/17/2014  
Date Data Arrived at EDR: 03/18/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 37

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Varies

### SOLANO COUNTY:

#### Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 04/25/2014  
Date Data Arrived at EDR: 04/01/2014  
Date Made Active in Reports: 04/28/2014  
Number of Days to Update: 27

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 03/17/2014  
Next Scheduled EDR Contact: 06/30/2014  
Data Release Frequency: Quarterly

#### Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/25/2014  
Date Data Arrived at EDR: 04/01/2014  
Date Made Active in Reports: 05/05/2014  
Number of Days to Update: 34

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 03/17/2014  
Next Scheduled EDR Contact: 06/30/2014  
Data Release Frequency: Quarterly

### SONOMA COUNTY:

#### Cupa Facility List

Cupa Facility list

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 01/02/2014  
Date Made Active in Reports: 02/11/2014  
Number of Days to Update: 40

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 03/31/2014  
Next Scheduled EDR Contact: 07/14/2014  
Data Release Frequency: Varies

### Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 04/03/2014  
Date Made Active in Reports: 04/28/2014  
Number of Days to Update: 25

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 03/31/2014  
Next Scheduled EDR Contact: 07/14/2014  
Data Release Frequency: Quarterly

### SUTTER COUNTY:

#### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 03/24/2014  
Date Data Arrived at EDR: 03/24/2014  
Date Made Active in Reports: 04/28/2014  
Number of Days to Update: 35

Source: Sutter County Department of Agriculture  
Telephone: 530-822-7500  
Last EDR Contact: 03/24/2014  
Next Scheduled EDR Contact: 06/23/2014  
Data Release Frequency: Semi-Annually

### TUOLUMNE COUNTY:

#### CUPA Facility List

Cupa facility list

Date of Government Version: 01/27/2014  
Date Data Arrived at EDR: 01/28/2014  
Date Made Active in Reports: 03/17/2014  
Number of Days to Update: 48

Source: Division of Environmental Health  
Telephone: 209-533-5633  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Varies

### VENTURA COUNTY:

#### Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 01/28/2014  
Date Data Arrived at EDR: 02/25/2014  
Date Made Active in Reports: 03/20/2014  
Number of Days to Update: 23

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 02/18/2014  
Next Scheduled EDR Contact: 06/02/2014  
Data Release Frequency: Quarterly

#### Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011  
Date Data Arrived at EDR: 12/01/2011  
Date Made Active in Reports: 01/19/2012  
Number of Days to Update: 49

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 04/04/2014  
Next Scheduled EDR Contact: 07/21/2014  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008  
Date Data Arrived at EDR: 06/24/2008  
Date Made Active in Reports: 07/31/2008  
Number of Days to Update: 37

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 02/17/2014  
Next Scheduled EDR Contact: 06/02/2014  
Data Release Frequency: Quarterly

### Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/06/2014  
Date Data Arrived at EDR: 03/24/2014  
Date Made Active in Reports: 04/28/2014  
Number of Days to Update: 35

Source: Ventura County Resource Management Agency  
Telephone: 805-654-2813  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Quarterly

### Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 03/06/2014  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 04/28/2014  
Number of Days to Update: 38

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 03/17/2014  
Next Scheduled EDR Contact: 06/30/2014  
Data Release Frequency: Quarterly

### YOLO COUNTY:

#### Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 04/08/2014  
Date Made Active in Reports: 05/05/2014  
Number of Days to Update: 27

Source: Yolo County Department of Health  
Telephone: 530-666-8646  
Last EDR Contact: 03/24/2014  
Next Scheduled EDR Contact: 07/07/2014  
Data Release Frequency: Annually

### YUBA COUNTY:

#### CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 02/11/2014  
Date Data Arrived at EDR: 02/13/2014  
Date Made Active in Reports: 03/17/2014  
Number of Days to Update: 32

Source: Yuba County Environmental Health Department  
Telephone: 530-749-7523  
Last EDR Contact: 05/05/2014  
Next Scheduled EDR Contact: 08/18/2014  
Data Release Frequency: Varies

### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013  
Date Data Arrived at EDR: 08/19/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 02/21/2014  
Next Scheduled EDR Contact: 06/02/2014  
Data Release Frequency: Annually

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/19/2012  
Date Made Active in Reports: 08/28/2012  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 04/18/2014  
Next Scheduled EDR Contact: 07/28/2014  
Data Release Frequency: Annually

### NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 02/28/2014  
Date Data Arrived at EDR: 03/12/2014  
Date Made Active in Reports: 04/29/2014  
Number of Days to Update: 48

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 05/07/2014  
Next Scheduled EDR Contact: 08/18/2014  
Data Release Frequency: Annually

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 07/24/2013  
Date Made Active in Reports: 08/19/2013  
Number of Days to Update: 26

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 04/21/2014  
Next Scheduled EDR Contact: 08/04/2014  
Data Release Frequency: Annually

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 06/21/2013  
Date Made Active in Reports: 08/05/2013  
Number of Days to Update: 45

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 02/24/2014  
Next Scheduled EDR Contact: 06/09/2014  
Data Release Frequency: Annually

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 08/09/2013  
Date Made Active in Reports: 09/27/2013  
Number of Days to Update: 49

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 03/17/2014  
Next Scheduled EDR Contact: 06/30/2014  
Data Release Frequency: Annually

**Oil/Gas Pipelines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

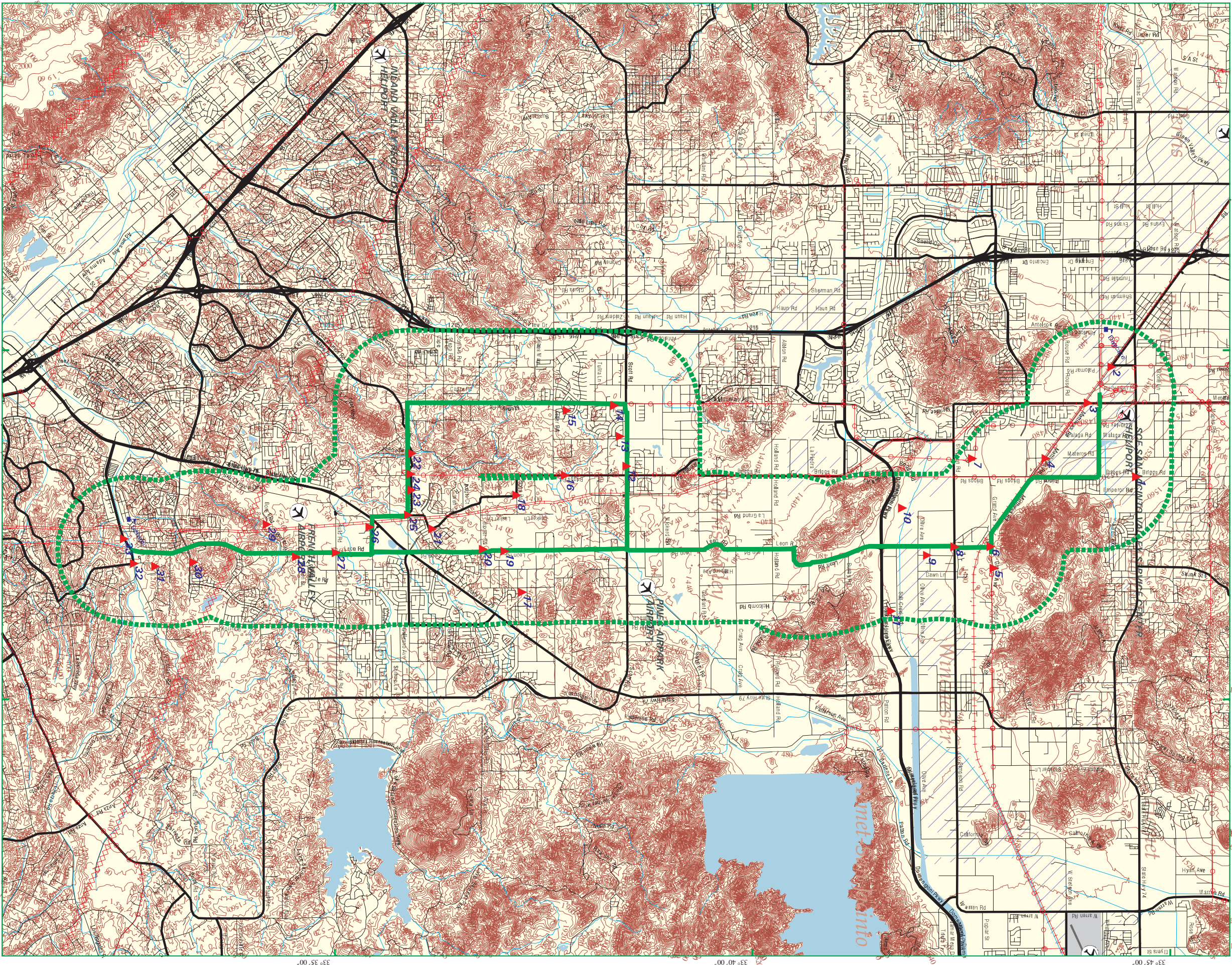
**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

**California Earthquake Fault Lines:** The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

### **STREET AND ADDRESS INFORMATION**

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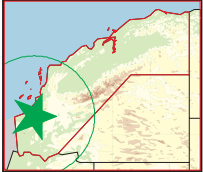




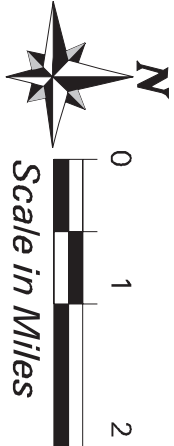
# EDR DataMap® - Corridor Study

## Valley South 115 Kv Subtransmission Project

Winchester, CA



- |  |  |  |               |  |             |  |                         |
|--|--|--|---------------|--|-------------|--|-------------------------|
|  | Listed Sites                                 |  | Major Roads   |  | Pipelines   |  | Superfund Sites         |
|  | Earthquake Epicenters (Richter 5 or greater) |  | Waterways     |  | Powerlines  |  | Federal DOD Sites       |
|  | Search Boundary                              |  | Railroads     |  | Fault Lines |  | Indian Reservations BIA |
|  | Roads  |  | Contour Lines |  | Water       |  | 100-Yr Flood Zones      |





## **Appendix H: Noise Methodology and Measurements**

## Project-Generated Construction Source Noise Prediction Model

# Valley South 115 kV Subtransmission Project PEA

**Table 1: Scenarios Evaluating Impacts to Receptors within 50 Feet of Wood Pole Installation**

Scenario	Modeling Parameters					Modeled Noise Level <sup>3</sup>
	Equipment	HP	Quantity	Hrs/Day <sup>1</sup>	Usage Factor <sup>2</sup>	@ 50 Feet
Scenario 1	Auger Truck	210	1	1	0.125	78.5 dBA L <sub>eq</sub>
	Material Handling Truck	315	1	2	0.125	
Scenario 2	Manlift/Bucket Truck	250	1	1.5	0.1875	82.6 dBA L <sub>eq</sub>
	Boom/Crane Truck	350	1	1.5	0.1875	
	Material Handling Truck	315	1	2	0.25	

1. Equipment usage is based on the total hours of operation per day, as presented in Table 3.9-A Subtransmission Construction Equipment and Workforce Estimates, and has been divided by 4, based on anticipated installation of 4 poles per day. Therefore, only a quarter of the total daily usage would occur within 50 feet of residential receptors.

2. The usage factor has been applied to an 8-hr day activity duration to coincide with anticipated construction equipment operation at pole installation location (i.e. 8 hr/day x 0.125 usage factor = 1 hr/day).

3. Ground type = Hard; Ground Factor = 0.0

**Table 2: Scenarios Evaluating Impacts to Receptors within 50 Feet of Tubular Steel Installation**

Scenario	Modeling Parameters					Modeled Noise Level
	Equipment	HP	Quantity	Hrs/Day <sup>1</sup>	Usage Factor <sup>2</sup>	@ 50 Feet <sup>3</sup>
Scenario 3	Auger Truck	210	1	6	0.75	83.8 dBA L <sub>eq</sub>
Scenario 4	Backhoe/Front Loader	125	1	6	0.75	78.8 dBA L <sub>eq</sub>
Scenario 5	Concrete Mixer Truck	350	3	2	0.25	83.8 dBA L <sub>eq</sub>
Scenario 6	Material Handling Truck	315	1	8	1.0	84.0 dBA L <sub>eq</sub>
Scenario 7	Dump Truck	350	1	4	0.5	83.0 dBA L <sub>eq</sub>
	Backhoe/Front Loader	125	1	6	0.75	
Scenario 8	Boom/Crane Truck	350	1	4	0.5	86.1 dBA L <sub>eq</sub>
	Material Handling Truck	315	1	8	1.0	

1. Equipment usage is based on the total hours of operation per day, as presented in Table 3.9-A Subtransmission Construction Equipment and Workforce Estimates.

2. The usage factor has been applied to an 8-hr day to coincide with anticipated construction equipment operation at pole installation location (i.e. 8 hr/day x 0.75 usage factor = 6 hrs/day).

3. Ground type = Hard; Ground Factor = 0.0

## **Appendix I: Visual Simulation Methodology**

# **Valley South 115 kV Subtransmission Project PEA**

## **Visual Simulation Methodology**

Visual simulations prepared for the Valley South 115 kV Subtransmission Project PEA consisted of various subtransmission pole structures types, subtransmission circuits, distribution circuits, communication lines, and all relevant specialized hardware.

To capture and document existing conditions, photos were taken from each Key Observation Point (KOP). As a result of multiple site visits, multiple cameras were used. Specifically, the cameras used during these site visits were the Sony DSC NEX-3, Nikon D60, and Fuji Fine Pix S1800. At each KOP, digital metadata and geo-referenced location data were captured. The resulting images were later used to create the base images for the photo simulations.

For each simulation, the KOP location data was imported into ArcMap and combined with other geo-referenced design data, including: proposed subtransmission alignment; proposed pole locations; existing pole locations; road alignments (for reference); a digital elevation model for topography; and a high-resolution aerial photo. Once compiled, all of this data was exported as a KMZ file format for a quick visual reference tool that could easily be viewed by most people via Google Earth. Additionally, design data was exported from ArcMap as a DWG file format.

A virtual model was then created from the exported design data in Autodesk's 3D Studio Max. The DWG files were imported to create the framework whereby 3D models of the proposed subtransmission structures were placed. The 3D subtransmission structure models were created and scaled using CAD elevations and photo reference provided by SCE. The position and elevation for all structures were cross-referenced with a digital elevation model and aerial photography for accuracy.

Virtual cameras, native to 3D Studio Max, were also created, placed and aligned with their corresponding KOP point in the 3D model. The virtual cameras mirrored the physical attributes of real cameras to allow adjustments to focal length, focus, exposure, etc. All of the metadata from each of the KOP images was translated to each corresponding virtual camera.

The cameras, their settings, position, and alignment were all verified for accuracy using existing conditions photos and existing reference objects that were identified on aerial photos. Existing reference objects are referred to as Camera Alignment Aids or CAAs. Examples of a CAA are: existing subtransmission structures, trees, light poles, roads, and fence lines. When a CAA was identified, a proxy 3D object was geo-referenced and added to the model. Refinements to the camera settings, position, and alignment were then made to fine tune the accuracy of the simulation.

The last step in creating the virtual model was to replicate time-of-day light and shadow that matched each KOP and their respective existing condition photo. The date and time for each photo was pulled from each photo's metadata and keyed in using the 3D Studio Max native sunlight system.

With the virtual model complete, images were rendered of 3D model from the various virtual cameras throughout the model. Rendering in 3D Studio Max consisted of taking a snapshot of the 3D model through the lenses of the virtual cameras. These rendered images were then saved as PNG file format to maintain transparency and allow the rendered model to be placed into the existing photo.

The final step in the visual simulation process was blending the rendered image of the structures into the existing conditions photo. The two images (i.e., existing conditions image and rendered image) were layered in Adobe Photoshop. A layer mask was created on the rendered image, and those areas that would be obscured by objects in the photo were erased. The blended final image was then exported as a JPG file format. The existing conditions image JPG file and simulated image JPG file were combined and converted to a PDF file format for review.

## **Appendix J: Tree Survey Report**



Keane Biological Consulting  
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Long Beach, CA 90815  
Phone: 562-708-7657  
e-mail: [keanebio@yahoo.com](mailto:keanebio@yahoo.com)



October 2, 2014

TO: Lisa Gonzales  
Southern California Edison  
1218 South 5th Avenue  
Monrovia, CA 91016

FROM: Elizabeth Kempton, Consulting Biologist  
Keane Biological Consulting  
2892 Bellflower Blvd., Suite 480  
Long Beach, CA 90815

SUBJECT: Tree Survey for the Valley South Subtransmission Project  
Riverside County, CA  
LSA-CWA-000568

Dear Ms. Gonzales:

In order to fulfill a California Public Energy Commission (CPUC) Gap Data Request for Southern California Edison's (SCE) proposed Valley South Subtransmission Project, a field survey was conducted to assess and evaluate trees that may be impacted by the project. The results of this survey are included herein.

## **PROJECT BACKGROUND AND LOCATION**

Southern California Edison (SCE) proposes to upgrade the region's existing electrical infrastructure and improve its overall electrical reliability by constructing the Valley South Subtransmission Project in Riverside County, CA (Figure 1). This project will serve the cities of Menifee, Murrieta, Temecula, Wildomar and portions of unincorporated Riverside County, including French Valley, Murrieta Hot Springs, and Winchester. The Valley South Subtransmission Project is approximately 15 miles in length and includes: (1) construction of a new 115 kilovolt (kV) subtransmission line beginning at the existing SCE Valley Substation in Menifee, CA and ending east of the existing SCE Auld Substation in Murrieta, CA; (2) reconductoring (installation of new conductor wires) on approximately 3.4 miles of an existing 115 kV line beginning east of the existing Auld Substation in Murrieta, CA and ending north of the existing Triton Substation in Temecula CA; (3) installation of communication equipment at area substations to support the proposed Valley South Subtransmission Project; and (4) equipment modifications at Valley Substation.

## **METHODS**

On September 19, 2014, Keane Biological Consulting Biologist, Elizabeth Kempton, visited the project site to survey for trees within the potential impact area of the Valley South Subtransmission Project. Prior to visiting the

project area applicable aerial photos and maps were reviewed using Google Earth<sup>1</sup> and Google Maps Streetview.<sup>2</sup>

The entire route of the planned transmission route was toured by vehicle during the survey to ensure that all trees and tall shrubs<sup>3</sup> were detected, and areas where trees and tall shrubs were adjacent or within the potential impact area were surveyed and measured by foot. Tree measurements were made using standard arboricultural methods<sup>4</sup> to calculate the diameter at breast height (DBH) and to calculate tree height. Plants were identified using the *Jepson's Manual 2<sup>nd</sup> Edition*. Kevin Darney (SCE Transmission Project Delivery, Project Manager) assisted in the survey by determining tree-trimming requirements based on requirements included in *CPUC General Order (GO) 95, Overhead Electric Line Construction*.<sup>5</sup> Trees were tagged with tree numbers in the field for later identification. Photographs were and GPS coordinates were recorded in the field. A final map was produced in ArcGIS 10.2 (ESRI, Redlands, CA) based on the results of the field survey.

## RESULTS

Results of the tree survey are shown in Attachment B (excel file). Locations of trees identified in the survey are shown in Attachment A, Figure 2. Photographs of trees are included in Attachment A, Figures 3.

It was determined that a total of 26 trees are within the potential impact area of the Valley South Subtransmission Project. Of these trees, over half will need to be completely removed in order to meet requirements of CPUC General Order (GO) 95 for tree-trimming. Most of these trees do not appear to require permits in order to be trimmed or removed, except five (Nos. 1-5), which qualify as potential “street trees” in the city of Hemet (subject to permitting pursuant to Chapter 2, Article IV, Division 4 and Chapter 6, Article IV of the Municipal Code of the City of Hemet<sup>6</sup>).

## CONCLUSION

The tree survey found 26 trees or tall shrubs that may require trimming or removal for the project, and five of these trees may need permits for removal or trimming.

Please contact Elizabeth Kempton at [elizabeth.kempton@gmail.com](mailto:elizabeth.kempton@gmail.com) if you have any questions regarding the survey or report.

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<sup>1</sup> Google Earth. 2014. Aerial Imagery. Available at: [www.google.com/earth](http://www.google.com/earth).

<sup>2</sup> Google Maps. 2014. Aerial Imagery. Available at: [www.google.com/maps](http://www.google.com/maps).

<sup>3</sup> Tall shrubs were also included in this survey as they will need to be trimmed or removed as part of the project and may be subject to code enforcement rules. For the purposes of this report, the Jepson Manual (Baldwin et al. 2012. *Jepson Manual, Second Edition*. Berkeley, CA: University of California Press) description for each species was used to determine if a plant was a tree or a tall shrub.

<sup>4</sup> International Society of Arboriculture. 2001. Guidelines for Developing and Evaluating Tree Ordinances. Available at: [http://www.isa-arbor.com/education/resources/educ\\_TreeOrdinanceGuidelines.pdf](http://www.isa-arbor.com/education/resources/educ_TreeOrdinanceGuidelines.pdf)

<sup>5</sup> Baldwin et al. 2012. *Jepson Manual, Second Edition*. Berkeley, CA: University of California Press.

<sup>6</sup> Available at: <https://library.municode.com/HTML/12521/book.html>

## Attachment A. Maps and Photographs

Figure 1. Project Overview<sup>7</sup>



<sup>7</sup> Figure from: Southern California Edison. Project Map Valley South Subtransmission Line. Available at: [https://www.sce.com/wps/wcm/connect/a686f88c-02a5-41c9-999b-bf92c395d0ad/ValleySouthMap\\_AA.pdf?MOD=AJPERES](https://www.sce.com/wps/wcm/connect/a686f88c-02a5-41c9-999b-bf92c395d0ad/ValleySouthMap_AA.pdf?MOD=AJPERES)

**Southern California Edison  
Valley South Subtransmission Project  
Tree Survey  
Riverside County, CA  
Map 1 of 5**

Sources: ArcGIS Basemaps (2016), NAIP Imagery (2013)

0 3,250 6,500 9,750 13,000 Feet

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Prepared by:  
Keane Biological Consulting, Inc.  
September 26, 2014













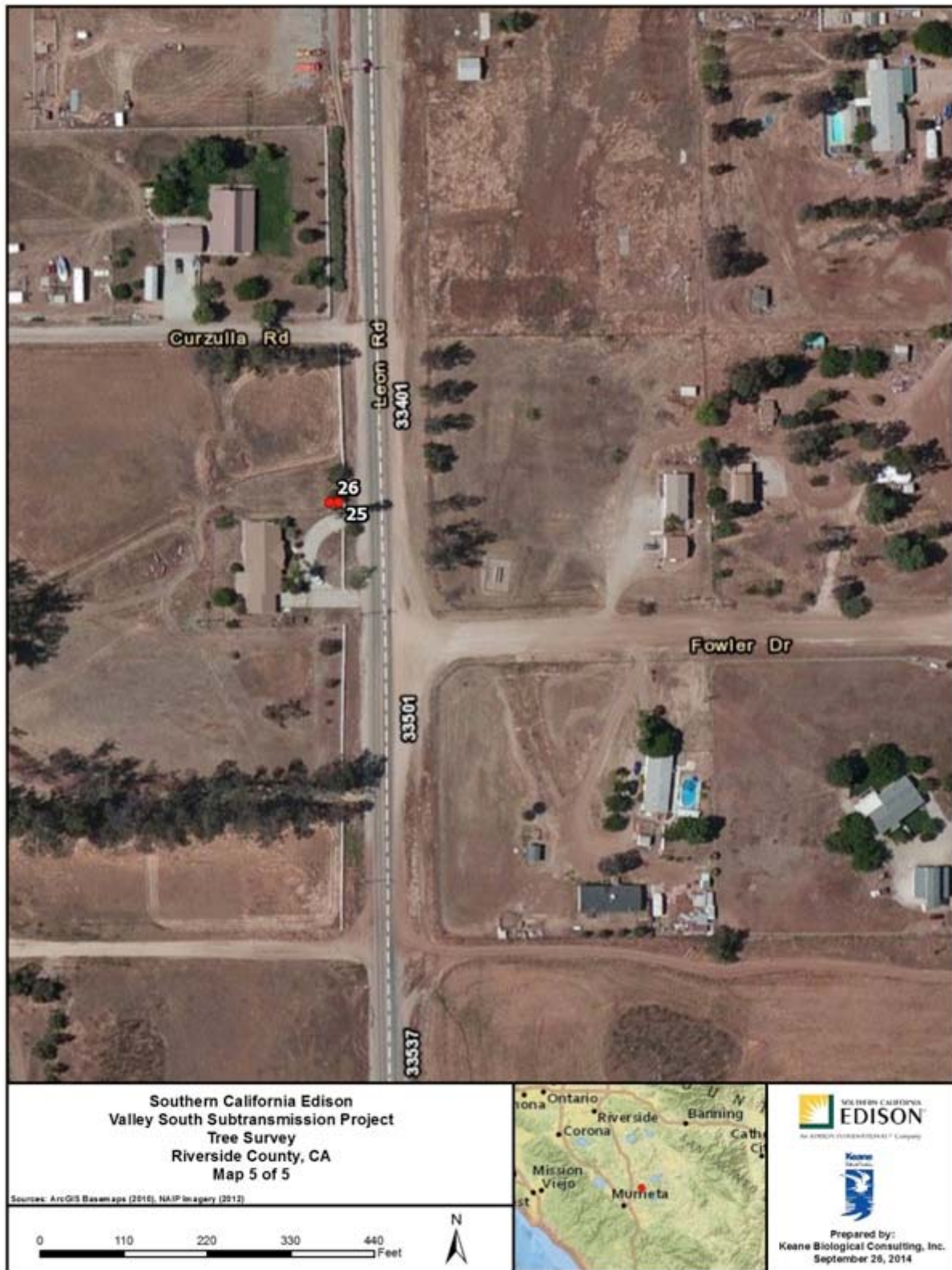


Figure 3. Photographs of Trees



Picture 1. Trees and tall shrubs 1 to 5 (mulefat and saltcedar), looking northwest.



Picture 2. Trees and tall shrubs 1 to 5 (mulefat and saltcedar), looking northeast





Picture 3. Tree 6 (blue gum), looking east.



Picture 4. Tree 7 (Chinese saltscedar), looking east.





Picture 5. Tree 8 (blue gum), looking east.



Picture 6. Tree 9 (blue gum), looking east.





Picture 7. Tree 10 (blue gum), looking east.



Picture 8. Tree 11 (blue gum, “topped” and located under Canary Island pines), looking west.





Picture 9. Tree 12 (Canary Island pine), looking east.



Picture 10. Tree 12 to 14 (Canary Island pine, blue gums), looking east.





Picture 11. Tree 15 (Canary Island pine), looking east.

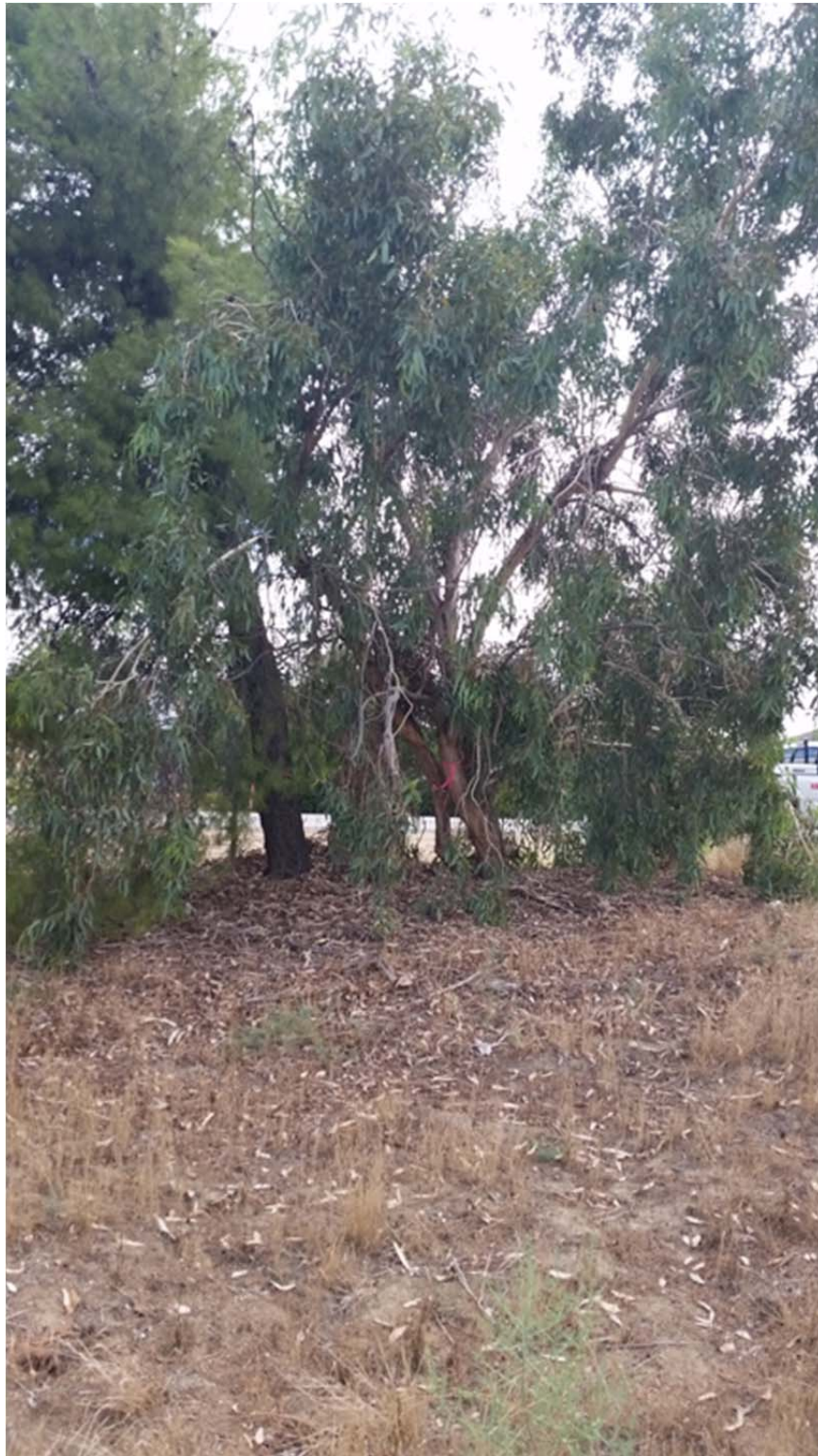


Picture 12. Tree 16 (blue gum), looking east.





Picture 13. Tree 17 (blue gum), looking east.



Picture 14. Tree 18 and 19 (Canary Island pine and blue gum), looking east.





Picture 15. Tree 20 (Canary Island pine), looking east.





Picture 16. Tree 21 (Canary Island pine), looking east.



Picture 17. Tree 22 (blue gum), looking east.





Picture 18. Tree 23 (Fremont cottonwood), looking east.



Picture 19. Tree 24 (Canary Island pine), looking east.



Picture 20. Tree 25 and 26 (Mexican fan palms), looking west.

## **Attachment 1 Tree Survey Data**

Attachment 1 to Appendix J Tree Survey Report – Tree Data														
Survey Date	Latitude	Longitude	Location Description	Vegetation ID Number	Common Name	Scientific Name	Height (ft)	DBH (ft)	Percent Trim	Removal Method	GO95 Req	Protected Tree	Permit Required?	Permit Description
9/19/2014	33.72153313	-117.1349515	Along Case Rd., ca. 300 feet southeast of intersection of Case and Briggs (paved) Rds.	1	Mulefat	Baccharis salicifolia	7	less than 1	100% removed	chainsaw	No, workspace req.	No	Yes	Ministerial, Municipal Code of the City of Hemet
9/19/2014	33.72154218	-117.1349623	Along Case Rd., ca. 300 feet southeast of intersection of Case and Briggs (paved) Rds.	2	Mulefat	Baccharis salicifolia	8	less than 1	100% removed	chainsaw	No, workspace req.	No	Yes	Ministerial, Municipal Code of the City of Hemet
9/19/2014	33.72154218	-117.1349623	Along Case Rd., ca. 300 feet southeast of intersection of Case and Briggs (paved) Rds.	3	Mulefat	Baccharis salicifolia	8	less than 1	100% removed	chainsaw	No, workspace req.	No	Yes	Ministerial, Municipal Code of the City of Hemet
9/19/2014	33.72154218	-117.1349623	Along Case Rd., ca. 300 feet southeast of intersection of Case and Briggs (paved) Rds.	4	saltcedar	Tamarix ramosissima	10	less than 1	100% removed	chainsaw	No, workspace req.	No	Yes	Ministerial, Municipal Code of the City of Hemet
9/19/2014	33.72153313	-117.1349731	Along Case Rd., ca. 300 feet southeast of intersection of Case and Briggs (paved) Rds.	5	saltcedar	Tamarix ramosissima	10	less than 1	100% removed	chainsaw	No, workspace req.	No	Yes	Ministerial, Municipal Code of the City of Hemet
9/19/2014	33.71106841	-117.119675	Along Leon Rd, ca. 120 feet south of intersection of Case and Leon Rds.	6	Blue Gum	Eucalyptus globulus	50	2.61	100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.71089708	-117.1196855	Along Leon Rd, ca. 120 feet south of intersection of Case and Leon Rds.	7	Chinese saltcedar	Tamarix chinensis	8	less than 1	100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.7107618	-117.1196961	Along Leon Rd, ca. 120 feet south of intersection of Case and Leon Rds.	8	Blue Gum	Eucalyptus globulus	80	3.33	100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.70709991	-117.1196802	Along Leon Rd., on north side of interection of Leon and Simpson Rds.	9	Blue Gum	Eucalyptus globulus	95	6.36	100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.70671191	-117.1198523	Along Leon Rd., on south side of intersection of Leon and Simpson Rds.	10	Blue Gum	Eucalyptus globulus	25	2.08	100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.64120466	-117.1192979	Along Leon Rd., ca. 130 to 250 feet south of intersection of Leon and Scott Rds.	11	Blue Gum	Eucalyptus globulus	3	less than 1	up to 50% trimmed, or 100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.64117758	-117.1193086	Along Leon Rd., ca. 130 to 250 feet south of intersection of Leon and Scott Rds.	12	Canary Island Pine	Pinus canariensis	50	1.27	up to 50% trimmed, or 100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none



Attachment 1 to Appendix J Tree Survey Report – Tree Data														
Survey Date	Latitude	Longitude	Location Description	Vegetation ID Number	Common Name	Scientific Name	Height (ft)	DBH (ft)	Percent Trim	Removal Method	GO95 Req	Protected Tree	Permit Required?	Permit Description
9/19/2014	33.64114154	-117.1192977	Along Leon Rd., ca. 130 to 250 feet south of intersection of Leon and Scott Rds.	13	Blue Gum	Eucalyptus globulus	30	1.01	up to 50% trimmed, or 100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.64115051	-117.1193085	Along Leon Rd., ca. 130 to 250 feet south of intersection of Leon and Scott Rds.	14	Blue Gum	Eucalyptus globulus	35	less than 1	up to 50% trimmed, or 100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.64106937	-117.1192869	Along Leon Rd., ca. 130 to 250 feet south of intersection of Leon and Scott Rds.	15	Canary Island Pine	Pinus canariensis	40	1.51	up to 50% trimmed, or 100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.64109645	-117.1192869	Along Leon Rd., ca. 130 to 250 feet south of intersection of Leon and Scott Rds.	16	Blue Gum	Eucalyptus globulus	8	less than 1	up to 50% trimmed, or 100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.64103325	-117.1192868	Along Leon Rd., ca. 130 to 250 feet south of intersection of Leon and Scott Rds.	17	Blue Gum	Eucalyptus globulus	10	less than 1	up to 50% trimmed, or 100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.64100626	-117.1192868	Along Leon Rd., ca. 130 to 250 feet south of intersection of Leon and Scott Rds.	18	Canary Island Pine	Pinus canariensis	50	1.33	up to 50% trimmed, or 100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.64097013	-117.1192867	Along Leon Rd., ca. 130 to 250 feet south of intersection of Leon and Scott Rds.	19	Blue Gum	Eucalyptus globulus	50	1.36	up to 50% trimmed, or 100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.64086192	-117.119265	Along Leon Rd., ca. 130 to 250 feet south of intersection of Leon and Scott Rds.	20	Blue Gum	Eucalyptus globulus	39	1.25	up to 50% trimmed, or 100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.64075371	-117.1192864	Along Leon Rd., ca. 130 to 250 feet south of intersection of Leon and Scott Rds.	21	Canary Island Pine	Pinus canariensis	40	1.17	up to 50% trimmed, or 100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.64069051	-117.1192863	Along Leon Rd., ca. 130 to 250 feet south of intersection of Leon and Scott Rds.	22	Blue Gum	Eucalyptus globulus	40	less than 1	up to 50% trimmed, or 100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.64059135	-117.1192754	Along Leon Rd., ca. 130 to 250 feet south of intersection of Leon and Scott Rds.	23	Fremont Cottonwo od	Populus fremontii	40	1.25	up to 50% trimmed, or 100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.64052824	-117.1192645	Along Leon Rd., ca. 130 to 250 feet south of intersection of Leon and Scott Rds.	24	Canary Island Pine	Pinus canariensis	40	1.22	up to 50% trimmed, or 100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none

Attachment 1 to Appendix J Tree Survey Report – Tree Data														
Survey Date	Latitude	Longitude	Location Description	Vegetation ID Number	Common Name	Scientific Name	Height (ft)	DBH (ft)	Percent Trim	Removal Method	GO95 Req	Protected Tree	Permit Required?	Permit Description
9/19/2014	33.6356488	-117.11915	Along Leon Rd., ca. 100 feet northwest of intersection of Leon Rd. and Fowler Dr.	25	Mexican Fan Palm	Washingtonia robusta	50	1.38	100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none
9/19/2014	33.6356488	-117.1191823	Along Leon Rd., ca. 100 feet northwest of intersection of Leon Rd. and Fowler Dr.	26	Mexican Fan Palm	Washingtonia robusta	50	1.32	100% removed	chainsaw	Yes	No	None found for Winchester/Meniffee	Possibly none