

APPENDIX 1

Biological Resources Tables

Appendix 1-A: Sensitive Plant Species with the Potential to Occur

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

APPENDIX 1-A

Sensitive Plant Species with the Potential to Occur

Sensitive Plant Species with the Potential to Occur				
Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Abronia villosa</i> var. <i>aurita</i>	chaparral sand-verbena	BLMS/FSS/None/None/ List A/1B.1	Chaparral, Coastal scrub, Desert dunes/sandy/ annual herb/ Jan-Sep/ 246-5249	Absent. Suitable habitat for this species is present within the ROW. No historical occurrences of this species have been recorded within 3 miles of the ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Acanthomintha</i> <i>ilicifolia</i>	San Diego thornmint	FT/FSS/SE/List A/ 1B.1/NCCP	Chaparral, Coastal scrub, Valley and foothill grassland, Vernal pools/clay, openings/ annual herb/ Apr-Jun/ 33-3150	Absent. Suitable habitat is present within the ROW and historical occurrences of this species have been recorded within 3 miles of the TL 637 ROW near poles P36, P37, and P35. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Agave shawii</i>	Shaw's agave	None/None/List B/ 2.1/NCCP	Coastal bluff scrub, Coastal scrub/ perennial leaf succulent/ Sep-May/ 33-246	Not expected to occur. The site is outside of the species' known elevation range.
<i>Allium munzii</i>	Munz's onion	FE/ST/1B.1	Chaparral, Cismontane woodland, Coastal scrub, Pinyon and juniper woodland, Valley and foothill grassland/mesic, clay/ perennial bulbiferous herb/ Mar-May/ 974-3510	Absent. No suitable habitat for this species is present within the ROW and no historical occurrences of this species have been recorded within 3 miles of the TL ROW.
<i>Ambrosia pumila</i>	San Diego ambrosia	FE/None/List A/ 1B.1/NCCP	Chaparral, Coastal scrub, Valley and foothill grassland, Vernal pools/sandy loam or clay, often in disturbed areas, sometimes alkaline/ perennial rhizomatous herb/ Apr-Oct/ 66-1362	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Aphanisma</i> <i>blitoides</i>	Aphanisma	None/None/List A/ 1B.2/NCCP	Coastal bluff scrub, Coastal dunes, Coastal scrub/sandy/ annual herb/ Mar- Jun/ 3-1001	Not expected to occur. The site is outside of the species' known elevation range.
<i>Arctostaphylos</i> <i>glandulosa</i> ssp. <i>crassifolia</i>	Del Mar manzanita	FE/None/List A/ 1B.1/NCCP	Chaparral(maritime, sandy)/ perennial evergreen shrub/ Dec-Jun/ 0-1198	Not expected to occur. The site is outside of the species' known elevation range.

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Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Arctostaphylos otayensis</i>	Otay manzanita	BLMS/None/None/List A/ 1B.2/NCCP	Chaparral, Cismontane woodland/metavolcanic/ perennial evergreen shrub/ Jan-Apr/ 902-5577	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Arctostaphylos rainbowensis</i>	Rainbow manzanita	FSS/None/List A/1B.1	Chaparral/ perennial evergreen shrub/ Dec-Mar/ 673-2198	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 19 miles of the TL ROW (CDFW 2013).
<i>Astragalus brauntonii</i>	Braunton's milk-vetch	FE/None/1B.1	Chaparral, Coastal scrub, Valley and foothill grassland/recent burns or disturbed areas, usually sandstone with carbonate layers/ perennial herb/ Jan-Aug/ 13-2100	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 70 miles of the TL ROW (CDFW 2013).
<i>Astragalus deanei</i>	Dean's milk-vetch	BLMS/FSS/None/List A/ 1B.1	Chaparral, Cismontane woodland, Coastal scrub, Riparian forest/ perennial herb/ Feb-May/ 246-2280	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Astragalus douglasii</i> var. <i>perstrictus</i>	Jacumba milk-vetch	BLMS/FSS/None/List A/ 1B.2	Chaparral, Cismontane woodland, Pinyon and juniper woodland, Riparian scrub, Valley and foothill grassland/rocky/ perennial herb/ Apr-Jun/ 2953-4495	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Astragalus insularis</i> var. <i>harwoodii</i>	Harwood's milk-vetch	None/None/List B/2.2	Desert dunes, Mojavean desert scrub/sandy or gravelly/ annual herb/ Jan-May/ 0-2329	Not expected to occur. No suitable vegetation present.
<i>Astragalus oocarpus</i>	San Diego milk-vetch	BLMS/FSS/None/List A/ 1B.2	Chaparral(openings), Cismontane woodland/ perennial herb/ May-Aug/ 1001-5000	Present. A total of 83 individuals were observed within the TL 637 ROW near pole P107 during protocol level focused plant surveys conducted during the 2010 blooming period.

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Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Astragalus pachypus</i> var. <i>jaegeri</i>	Jaeger's bush milk-vetch	FSS/None/List A/1B.1	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland/sandy or rocky/ perennial shrub/ Dec-Jun/ 1198-3002	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 10 miles of the TL ROW (CDFW 2013).
<i>Astragalus tener</i> var. <i>titi</i>	Coastal dunes milk-vetch	FE/SE/List A/1B.1/NCCP	Coastal bluff scrub(sandy), Coastal dunes, Coastal prairie(mesic)/often vernal mesic areas/ annual herb/ Mar-May/ 3-164	Not expected to occur. The site is outside of the species' known elevation range.
<i>Atriplex coulteri</i> (= <i>Obione coulteri</i>)	Coulter's saltbush	None/None/List A/1B.2	Coastal bluff scrub, Coastal dunes, Coastal scrub, Valley and foothill grassland/alkaline or clay/ perennial herb/ Mar-Oct/ 10-1509	Moderate. Suitable habitat for this species is present within the ROW; historical occurrences of this species have been recorded within 5 miles of the ROW (CNDDDB 2013)
<i>Atriplex parishii</i> (= <i>Obione parishii</i>)	Parish's brittlescale	FSS/None/List A/1B.1	Chenopod scrub, Playas, Vernal pools/ alkaline/annual herb/ Jun-Oct/ 82-6234	Not expected to occur. No suitable vegetation present.
<i>Ayenia compacta</i> (= <i>A.californica</i>)	California ayenia	None/None/List B/2.3	Mojavean desert scrub, Sonoran desert scrub/rocky/ perennial herb/ Mar-Apr/ 492-3593	Not expected to occur. No suitable vegetation present.
<i>Baccharis vanessae</i>	Encinitas baccharis	FT/SE/FSS/List A/ 1B.1/NCCP	Chaparral(maritime), Cismontane woodland/sandstone/ perennial deciduous shrub/ Aug-Nov/ 197-2362	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Berberis nevini</i>	Nevin's barberry	FE/FSS/SE/List A/ 1B.1/NCCP	Chaparral, Cismontane woodland, Coastal scrub, Riparian scrub/sandy or gravelly/ perennial evergreen shrub/ Mar-Jun/ 899-2707	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Bloomeria</i> [= <i>Muilla</i>] <i>clevelandii</i>	San Diego goldenstar	BLMS/None/None/List A/ 1B.1/NCCP	Chaparral, Coastal scrub, Valley and foothill grassland, Vernal pools/clay/ perennial bulbiferous herb/ Apr-May/ 164-1526	Absent. Outside the elevation range found within the TL ROW. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW.

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Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Boechnera hirshbergiae</i>	Hirshberg's rockcress	None/None/1B.2	Pebble plain/ perennial herb/ Mar-May/ 4593-4642	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Brodiaea filifolia</i>	thread-leaved brodiaea	FT/SE/FSS/List A/1B.1	Chaparral(openings), Cismontane woodland, Coastal scrub, Playas, Valley and foothill grassland, Vernal pools/often clay/ perennial bulbiferous herb/ Mar-Jun/ 82-3675	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW.
<i>Brodiaea orcuttii</i>	Orcutt's brodiaea	BLMS/FSS/None/List A/ 1B.1/NCCP	Closed-cone coniferous forest, Chaparral, Cismontane woodland, Meadows and seeps, Valley and foothill grassland, Vernal pools/mesic, clay, sometimes serpentinite/ perennial bulbiferous herb/ May-Jul/ 98-5551	Present. A total of 1,020 individuals was observed within the TL 637 ROW near poles P26 and P28 during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Calamagrostis koelerioides</i>	fire reedgrass	None/None/NCCP	Yellow Pine Forest, Chaparral, many additional plant communities/meadows, slopes, dry hills, ridges/perennial herb/June-August/0-7545	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded in CNDDB (CDFW 2013).
<i>California macrophylla</i> (= <i>Erodium macrophyllum</i> var. <i>californicum</i>)	round-leaved filaree	BLMS/None/None/List B/ 1B.1	Cismontane woodland, Valley and foothill grassland/clay/ annual herb/ Mar-May/ 49-3937	Low. There is one CNDDB location within 4 miles of the Creelman Substation; however, the general habitat suitability is not appropriate. (CNDDB 2013)
<i>Calochortus dunnii</i>	Dunn's mariposa lily	BLMS/FSS/SR/List A/ 1B.2/NCCP	Closed-cone coniferous forest, Chaparral, Valley and foothill grassland/gabbroic or metavolcanic, rocky/ perennial bulbiferous herb/ (Feb),Apr-Jun/ 607-6004	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Calochortus plummerae</i>	Plummer's mariposa lily	FSS/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Valley and foothill grassland/granitic, rocky/ perennial bulbiferous herb/ May-Jul/ 328-5577	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 10 miles of the TL ROW (CDFW 2013).

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Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Calochortus weedii</i> var. <i>intermedius</i>	intermediate mariposa lily	FSS/None/1B.2	Chaparral, Coastal scrub, Valley and foothill grassland/rocky, calcareous/perennial bulbiferous herb/ May-Jul/ 344-2805	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 30 miles of the TL ROW (CDFW 2013).
<i>Camissoniopsis lewisii</i> (= <i>Camissonia lewisii</i>)	Lewis' evening-primrose	None/None/List C/3	Coastal bluff scrub, Cismontane woodland, Coastal dunes, Coastal scrub, Valley and foothill grassland/sandy or clay/ annual herb/ Mar-May(Jun),/ 0-984	Not expected to occur. The site is outside of the species' known elevation range.
<i>Castilleja lasiorhyncha</i>	San Bernardino Mountains owl's-clover	FSS/None/1B.2	Chaparral, Meadows and seeps, Pebble plain, Riparian woodland, Upper montane coniferous forest/mesic/ annual herb hemiparasitic/ May-Aug/ 4265-7841	Not expected to occur. The site is outside of the species' known elevation range.
<i>Caulanthus heterophyllus</i> (= <i>Caulanthus stenocarpus</i>)	slender-pod jewel flower	None/None/NCCP	Coastal Sage Scrub, Chaparral, weed, species characteristic of disturbed places/dry, open scrub, chaparral, often after fire or disturbance/annual herb/March-May/0-4265	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded in CNDDB (CDFW 2013).
<i>Caulanthus simulans</i>	Payson's jewel-flower	FSS/None/List D/ 4.2/NCCP	Chaparral, Coastal scrub/sandy, granitic/ annual herb/ (Feb),Mar-May(Jun),/ 295-7218	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 5 miles of the TL ROW (CDFW 2013).
<i>Ceanothus cyaneus</i>	Lakeside ceanothus	BLMS/FSS/None/List A/ 1B.2/NCCP	Closed-cone coniferous forest, Chaparral/ perennial evergreen shrub/ Apr-Jun/ 771-2477	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Ceanothus ophiochilus</i>	Vail Lake ceanothus	FT/SE/1B.1	Chaparral(gabbroic or pyroxenite-rich outcrops)/ perennial evergreen shrub/ Feb-Mar/ 1903-3494	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 30 miles of the TL ROW (CDFW 2013).
<i>Ceanothus verrucosus</i>	wart-stemmed ceanothus	None/None/List B/ 2.2/NCCP	Chaparral/ perennial evergreen shrub/ Dec-May/ 3-1247	Not expected to occur. The site is outside of the species' known elevation range.

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Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Centromadia parryi</i> ssp. <i>australis</i> (= <i>Hemizonia parryi</i> ssp. <i>australis</i>)	southern tarplant	None/None/List B/1B.1	Marshes and swamps(margins), Valley and foothill grassland(vernally mesic), Vernal pools/ annual herb/ May-Nov/ 0-1394	Not expected to occur. The site is outside of the species' known elevation range.
<i>Chaenactis glabriuscula</i> var. <i>orcuttiana</i> (= <i>C. tenuifolia</i> var. <i>orcuttiana</i>)	Orcutt's pincushion	BLMS/None/None/List A/ 1B.1	Coastal bluff scrub(sandy), Coastal dunes/ annual herb/ Jan-Aug/ 0-328	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Chaenactis parishii</i>	Parish's chaenactis	None/None/List A/1B.3	Chaparral(rocky)/ perennial herb/ May-Jul/ 4265-8202	Not expected to occur. The site is outside of the species' known elevation range.
<i>Chamaesyce platysperma</i> (= <i>Euphorbia platysperma</i>)	flat-seeded spurge	None/ None/ 1B.2	Desert dunes, Sonoran desert scrub(sandy)/ annual herb/ Feb-Sep/ 213-328	Absent. Outside the elevation found within the TL ROW. No suitable habitat for this species is present within the ROW, and historical occurrences of this species have not been recorded within 3 miles of the TL ROW.
<i>Chloropyron maritimum</i> (= <i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>)	salt marsh bird's-beak	FE/SE/List A/1B.2/NCCP	Coastal dunes, Marshes and swamps(coastal salt)/ annual herb hemiparasitic/ May-Oct/ 0-98	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 5 miles of the TL ROW (CDFW 2013).
<i>Chorizanthe orcuttiana</i>	Orcutt's spineflower	FE/SE/List A/1B.1/NCCP	Closed-cone coniferous forest, Chaparral(maritime), Coastal scrub/sandy openings/ annual herb/ Mar-May/ 10-410	Absent. Outside the elevation found within the TL ROW. No suitable habitat for this species is present within the ROW, and historical occurrences of this species have not been recorded within 3 miles of the TL ROW.
<i>Chorizanthe parryi</i> var. <i>parryi</i>	Parry's spineflower	BLMS/FSS/None/1B.1	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland/sandy or rocky, openings/ annual herb/ Apr-Jun/ 902-4003	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 30 miles of the TL ROW (CDFW 2013).

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Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Chorizanthe polygonoides</i> var. <i>longispina</i>	long-spined spineflower	BLMS/FSS/None/List A/ 1B.2	Chaparral, Coastal scrub, Meadows and seeps, Valley and foothill grassland, Vernal pools/often clay/ annual herb/ Apr-Jul/ 98-5020	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Chorizanthe staticooides</i> ssp. <i>chrysacanthae</i>	Orange County Turkish rugging	None/None/NCCP	Coastal Sage Scrub, Chaparral, desert scrub/annual herb/April-July/0-6561	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded in CNDDDB (CDFW 2013).
<i>Chorizanthe xanti</i> var. <i>leucotheca</i>	white-bracted spineflower	None/ None/ 1B.2	Coastal scrub(alluvial fans), Mojavean desert scrub, Pinyon and juniper woodland/sandy or gravelly/ annual herb/ Apr-Jun/ 984-3937	Absent. No suitable habitat for this species is present within the ROW, and historical occurrences of this species have not been recorded within 3 miles of the TL ROW.
<i>Clarkia delicata</i>	delicate clarkia	FSS/None/List A/1B.2	Chaparral, Cismontane woodland/often gabbroic/ annual herb/ Apr-Jun/ 771-3281	Present A total of 2,830 individuals was observed within the TL 637 ROW near poles P90, P91, P108, and P174 during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Clinopodium chandleri</i> (= <i>Satureja chandleri</i>)	San Miguel savory	FSS/None/List A/ 1B.2/NCCP	Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland, Valley and foothill grassland/Rocky, gabbroic or metavolcanic/ perennial shrub/ Mar-Jul/ 394-3527	Low. Suitable habitat for this species is present within the ROW; historical occurrences of this species have been recorded at 5 miles southwest of the ROW (CNDDDB 2013)
<i>Comarostaphylis diversifolia</i> ssp. <i>diversifolia</i>	summer holly	None/None/List A/1B.2	Chaparral, Cismontane woodland/ perennial evergreen shrub/ Apr-Jun/ 98-2592	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 5 miles of the TL ROW (CDFW 2013).

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Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Cordylanthus orcuttianus</i> (= <i>Dicranostegia orcuttiana</i>)	Orcutt's bird's-beak	None/None/List B/ 2.1/NCCP	Coastal scrub/ annual herb hemiparasitic/ (Mar),Apr-Jul(Sep),/ 33-1148	Not expected to occur. The site is outside of the species' known elevation range.
<i>Corethrogyne filaginifolia</i> var. <i>linifolia</i>	Del Mar Mesa sand aster	None/None/List A/ 1B.1/NCCP	Coastal bluff scrub, Chaparral(maritime, openings), Coastal scrub/sandy/ perennial herb/ May-Sep/ 49-492	Not expected to occur. The site is outside of the species' known elevation range.
<i>Cryptantha ganderi</i>	Gander's cryptantha	None/ None/ 1B.1	Desert dunes, Sonoran desert scrub(sandy)/ annual herb/ Feb-May/ 525-1312	Absent. Outside the elevation found within the TL ROW. No suitable habitat for this species is present within the ROW, and historical occurrences of this species have not been recorded within 3 miles of the TL ROW.
<i>Cylindropuntia californica</i> var. <i>californica</i> (= <i>Opuntia parryi</i> var. <i>sperpentina</i>)	California pricklypear	None/None/1B.1/NCCP	Chaparral, Coastal scrub/ perennial stem and succulent/ Apr-May/ 98-492	Not expected to occur. The site is outside of the species' known elevation range.
<i>Cylindropuntia munzii</i>	Munz's cholla	None/ None/ 1B.3	Sonoran desert scrub(sandy or gravelly)/ perennial stem succulent/ May/ 492-1969	Absent. Outside the elevation found within the TL ROW. No suitable habitat for this species is present within the ROW, and historical occurrences of this species have not been recorded within 3 miles of the TL ROW.
<i>Deinandra</i> (= <i>Hemizonia</i>) <i>conjugens</i>	Otay tarplant	FT/SE/List A/1B.1/NCCP	Coastal scrub, Valley and foothill grassland/clay/ annual herb/ May-Jun/ 82-984	Absent. Outside the elevation found within the TL ROW. No suitable habitat for this species is present within the ROW, and historical occurrences of this species have not been recorded within 3 miles of the TL ROW.
<i>Deinandra floribunda</i> (= <i>Hemizonia floribunda</i>)	Tecate tarplant	BLMS/FSS/None/List A/ 1B.2	Chaparral, Coastal scrub/ annual herb/ Aug-Oct/ 230-4003	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.

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<i>Deinandra mohavensis</i> (= <i>Hemizonia mohavensis</i>)	Mojave tarplant	BLMS/FSS/SE/List A/ 1B.3	Chaparral, Coastal scrub, Riparian scrub/mesic/ annual herb/ (May), Jun-Oct(Jan),/ 2100-5249	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 15 miles of the TL ROW (CDFW 2013).
<i>Delphinium hesperium</i> ssp. <i>cuyamaca</i>	Cuyamaca larkspur	BLMS/FSS/SR/List A/ 1B.2	Lower montane coniferous forest, Meadows and seeps, Vernal pools/mesic/ perennial herb/ May-Jul/ 4003-5351	Absent. Outside elevation range. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Dieteria asteroides</i> var. <i>lagunensis</i> (= <i>Machaeranthera asteroides</i> var. <i>lagunensis</i>)	Mount Laguna aster	BLMS/FSS/SR/List B/2.1	Cismontane woodland, Lower montane coniferous forest/ perennial herb/ Jul-Aug/ 2625-7874	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 15 miles of the TL ROW (CDFW 2013).
<i>Dodecahema leptoceras</i>	slender-horned spineflower	FE/SE/1B.1	Chaparral, Cismontane woodland, Coastal scrub(alluvial fan)/sandy/ annual herb/ Apr-Jun/ 656-2493	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 30 miles of the TL ROW (CDFW 2013).
<i>Downingia concolor</i> var. <i>brevior</i>	Cuyamaca Lake downingia	None/SE/List A/1B.1	Meadows and seeps(vernally mesic), Vernal pools/ annual herb/ May-Jul/ 4528-4921	Not expected to occur. The site is outside of the species' known elevation range.
<i>Dudleya alainae</i> (= <i>D. saxosa</i> ssp. <i>aloides</i>)	Banner dudleya	None/None/3.2	Chaparral, Lower montane coniferous forest, Sonoran desert scrub/rocky/ perennial herb/ May-Jul/ 2428-3937	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded in CNDDB (CDFW 2013).
<i>Dudleya brevifolia</i> (= <i>blochmaniae</i>) ssp. <i>brevifolia</i>	Short-leaved dudleya	None/SE/1B.1/NCCP	Chaparral(maritime, openings), Coastal scrub/Torrey sandstone/ perennial herb/ Apr-May/ 98-820	Not expected to occur. The site is outside of the species' known elevation range.

Sensitive Plant Species with the Potential to Occur				
Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Dudleya cymosa</i> ssp. <i>ovatifolia</i>	Oval-leaved dudleya	FT/None/1B.2	Chaparral, Coastal scrub/volcanic or sedimentary, rocky/ perennial herb/ Mar- Jun/ 492-5495	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 60 miles of the TL ROW (CDFW 2013).
<i>Dudleya</i> <i>multicaulis</i>	many- stemmed dudleya	BLMS/FSS/List A/ 1B.2/NCCP	Chaparral, Coastal scrub, Valley and foothill grassland/often clay/ perennial herb/ Apr-Jul/ 49-2592	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW.
<i>Dudleya</i> <i>variegata</i>	variegated dudleya	BLMS/None/List A/ 1B.2/NCCP	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland, Vernal pools/clay/ perennial herb/ Apr-Jun/ 10-1903	Absent. Outside the elevation found within the TL ROW. No suitable habitat for this species is present within the ROW, and historical occurrences of this species have not been recorded within 3 miles of the TL ROW.
<i>Dudleya viscida</i>	sticky dudleya	FSS/None/List A/ 1B.2/NCCP	Coastal bluff scrub, Chaparral, Cismontane woodland, Coastal scrub/rocky/ perennial herb/ May-Jun/ 33-1804	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 5 miles of the TL ROW (CDFW 2013).
<i>Eriastrum</i> <i>harwoodii</i>	Harwood's eriastrum	None/ None/ 1B.2	Desert dunes/ annual herb/ Mar-Jun/ 410-3002	Absent. No suitable habitat for this species is present within the ROW, and historical occurrences of this species have not been recorded within 3 miles of the TL ROW.
<i>Ericameria</i> <i>palmeri</i> var. <i>palmeri</i>	Palmer's goldenbush	BLMS/None/None/List B/ 1B.1/NCCP	Chaparral, Coastal scrub/mesic/ perennial evergreen shrub/ (Jul),Sep- Nov/ 98-1969	Absent. Outside the elevation found within the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.

Sensitive Plant Species with the Potential to Occur				
Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Eriogonum evanidum</i>	vanishing wild buckwheat	FSS/None/List A/1B.1	Chaparral, Cismontane woodland, Lower montane coniferous forest, Pinyon and juniper woodland/sandy/ annual herb/ Jul-Oct/ 3609-7300	Not expected to occur. The site is outside of the species' known elevation range.
<i>Eryngium aristulatum</i> var. <i>parishii</i>	San Diego button-celery	FE/SE/List A/1B.1/NCCP	Coastal scrub, Valley and foothill grassland, Vernal pools/mesic/ annual/perennial herb/ Apr-Jun/ 66-2034	Absent. Outside the elevation found within the TL ROW.
<i>Erysimum ammphilum</i>	sand-loving wallflower	BLMS/None/None/1B.2/ NCCP	Chaparral(maritime), Coastal dunes, Coastal scrub/sandy, openings/ perennial herb/ Feb-Jun/ 0-197	Not expected to occur. The site is outside of the species' known elevation range.
<i>Ferocactus viridescens</i> (= <i>F. v. var. viridescens</i>)	San Diego barrel cactus	None/None/List B/ 2.1/NCCP	Chaparral, Coastal scrub, Valley and foothill grassland, Vernal pools/ perennial stem succulent/ May-Jun/ 10-1476	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 5 miles of the TL ROW (CDFW 2013).
<i>Fremontodendron mexicanum</i>	Mexican flannelbush	FE/FSS/SR/List A/1B.1	Closed-cone coniferous forest, Chaparral, Cismontane woodland/gabbroic, metavolcanic, or serpentinite/ perennial evergreen shrub/ Mar-Jun/ 33-2349	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Galium angustifolium</i> ssp. <i>borregoense</i>	Borrego bedstraw	None/SR/List A/1B.3	Sonoran desert scrub(rocky)/ perennial herb/ Mar/ 1148-4101	Not expected to occur. No suitable vegetation present.
<i>Galium angustifolium</i> ssp. <i>jacinticum</i>	San Jacinto Mountains bedstraw	FSS/None/List A/1B.3	Lower montane coniferous forest/ perennial herb/ Jun-Aug/ 4429-6890	Not expected to occur. No suitable vegetation present.
<i>Githopsis diffusa</i> ssp. <i>filicaulis</i> (= <i>G. filicaulis</i>)	Mission Canyon bluecup	FSS/None/List C/3.1	Chaparral(mesic, disturbed areas)/ annual herb/ Apr-Jun/ 1476-2297	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 5 miles of the TL ROW (CDFW 2013).

Sensitive Plant Species with the Potential to Occur				
Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Grindelia hallii</i>	San Diego gumplant	BLMS/None/List A/1B.2	Chaparral, Lower montane coniferous forest, Meadows and seeps, Valley and foothill grassland/ perennial herb/ Jul-Oct/ 607-5725	Moderate Potential Suitable habitat for this species is present within the ROW; historical occurrences of this species have been recorded within 3 miles of the ROW.
<i>Harpagonella palmeri</i>	Palmer's grappling-hook	None/None/List D/ 4.2/NCCP	Chaparral, Coastal scrub, Valley and foothill grassland/clay/ annual herb/ Mar-May/ 66-3133	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 5 miles of the TL ROW (CDFW 2013).
<i>Hazardia orcuttii</i>	Orcutt's hazardia	FC/ ST/ 1B.1	Chaparral(maritime), Coastal scrub/often clay/ perennial evergreen shrub/ Aug-Oct/ 262-279	Absent. Outside the elevation found within the TL ROW. Suitable habitat for this species is present within the ROW. No historical occurrences of this species have been recorded within 3 miles of the TL ROW.
<i>Hesperocypris (=Cupressus) forbesii</i>	Tecate cypress	BLMS/FSS/None/List A/ 1B.1/NCCP	Closed-cone coniferous forest, Chaparral/clay, gabbroic or metavolcanic/ perennial evergreen tree/ N/A/ 262-4921	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Hesperocypris stephensonii</i> (= <i>Cupressus arizonica</i> ssp. <i>arizonica</i> ; <i>Cupressus stephensonii</i>)	Cuyamaca cypress	FSS/None/List A/1B.1	Closed-cone coniferous forest, Chaparral, Cismontane woodland, Riparian forest/gabbroic/ perennial evergreen tree/ N/A/ 3396-5594	Not expected to occur. The site is outside of the species' known elevation range.
<i>Heterotheca sessiliflora</i> ssp. <i>sessiliflora</i>	beach goldenaster	None/None/1B.1	Chaparral(coastal), Coastal dunes, Coastal scrub/ perennial herb/ Mar-Dec/ 0-4019	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 20 miles of the TL ROW (CDFW 2013).

Sensitive Plant Species with the Potential to Occur				
Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Heuchera brevistaminea</i>	Laguna Mountains alumroot	BLMS/None/None/List A/ 1B.3	Broadleaved upland forest, Chaparral, Cismontane woodland, Riparian forest/rocky/ perennial rhizomatous herb/ Apr-Jul(Sep),/ 4495-6562	Absent. Outside the elevation found within the TL ROW. No historical occurrences of this species have been recorded within 3 miles of the TL ROW.
<i>Heuchera rubescens</i> (= <i>Heuchera rubescens</i> var. <i>versicolor</i>)	San Diego County alumroot	None/None/List B/2.3	Chaparral, Lower montane coniferous forest/rocky/ perennial rhizomatous herb/ May-Jun/ 4921-13123	Not expected to occur. The site is outside of the species' known elevation range.
<i>Horkelia cuneata</i> var. <i>puberula</i>	mesa horkelia	FSS/None/List A/1B.1	Chaparral(maritime), Cismontane woodland, Coastal scrub/sandy or gravelly/ perennial herb/ Feb-Jul(Sep),/ 230-2657	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 20 miles of the TL ROW (CDFW 2013).
<i>Horkelia truncata</i>	Ramona horkelia	FSS/None/List A/1B.3	Chaparral, Cismontane woodland/clay, gabbroic/ perennial herb/ May-Jun/ 1312-4265	Absent. Suitable habitat for this species is present within the ROW, and historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Hulsea californica</i>	San Diego sunflower	BLMS/None/None/List A/ 1B.3	Chaparral, Lower montane coniferous forest, Upper montane coniferous forest/openings and burned areas/ perennial herb/ Apr-Jun/ 3002-9564	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded at 5 miles of the TL ROW (CDFW 2013).
<i>Isocoma menziesii</i> var. <i>decumbens</i>	decumbent goldenbush	None/None/List A/1B.2	Chaparral, Coastal scrub(sandy, often in disturbed areas)/ perennial shrub/ Apr-Nov/ 33-443	Not expected to occur. The site is outside of the species' known elevation range.
<i>Juncus luciensis</i>	Santa Lucia dwarf rush	None/None/1B.2	Chaparral, Great Basin scrub, Lower montane coniferous forest, Meadows and seeps, Vernal pools/ annual herb/ Apr-Jul/ 984-6693	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 5 miles of the TL ROW (CDFW 2013).

Sensitive Plant Species with the Potential to Occur				
Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Lepechinia cardiophylla</i>	heart-leaved pitcher sage	FSS/None/List A/ 1B.2/NCCP	Closed-cone coniferous forest, Chaparral, Cismontane woodland/ perennial shrub/ Apr-Jul/ 1706-4495	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded at 5 miles of the TL ROW (CDFW 2013).
<i>Lepechinia ganderi</i>	Gander's pitcher sage	BLMS/None/None/List A/ 1B.3/NCCP	Closed-cone coniferous forest, Chaparral, Coastal scrub, Valley and foothill grassland/Gabbroic or metavolcanic/ perennial shrub/ Jun-Jul/ 1001-3297	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW.
<i>Lepidium flavum</i> var. <i>felipense</i>	Borrego Valley pepper-grass	BLMS/None/None/List A/ 1B.2	Pinyon and juniper woodland, Sonoran desert scrub/sandy/ annual herb/ Mar- May/ 1493-2756	Absent. Outside the elevation found within the TL ROW. No historical occurrences of this species have been recorded within 3 miles of the TL ROW.
<i>Lepidium virginicum</i> var. <i>robinsonii</i>	Robinson's pepper-grass	BLMS/None/None/List A/ 1B.2	Chaparral, Coastal scrub/ annual herb/ Jan-Jul/ 3-2904	Absent. Outside the elevation found within the TL ROW. No historical occurrences of this species have been recorded within 3 miles of the TL ROW.
<i>Lessingia glandulifera</i> var. <i>tomentosa</i>	Warner Springs lessingia	FSS/None/List A/1B.3	Chaparral(sandy)/ annual herb/ Aug-Oct/ 2854-4003	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded at 5 miles of the TL ROW (CDFW 2013).
<i>Lewisia brachycalyx</i> (= <i>L. brachycarpa</i> / <i>Oreobroma crachycalyx</i>)	short-sepaled lewisia	None/None/List B/2.2	Lower montane coniferous forest, Meadows and seeps/mesic/ perennial herb/ Feb-Jun(Jul),/ 4495-7546	Not expected to occur. The site is outside of the species' known elevation range.
<i>Lilium parryi</i> (= <i>L. p. kessleri</i>)	lemon lily	FSS/None/List A/1B.2	Lower montane coniferous forest, Meadows and seeps, Riparian forest, Upper montane coniferous forest/mesic/ perennial bulbiferous herb/ Jul-Aug/ 4003-9006	Not expected to occur. The site is outside of the species' known elevation range.

Sensitive Plant Species with the Potential to Occur				
Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Limnanthes alba</i> ssp. <i>parishii</i> (= <i>Limnanthes</i> <i>gracilis</i> ssp. <i>parishii</i>)	Parish's slender meadowfoam (=Parish's meadowfoam)	BLMS/FSS/SE/List A/ 1B.2	Lower montane coniferous forest, Meadows and seeps, Vernal pools/vernally mesic/ annual herb/ Apr- Jun/ 1969-6562	Absent. No suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Linanthus</i> <i>maculatus</i>	Little San Bernardino Mountains linanthus	None/ None/ 1B.2	Desert dunes, Joshua tree "woodland", Mojavean desert scrub, Sonoran desert scrub/sandy/ annual herb/ Mar-May/ 640- 6808	Absent. No suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Linanthus orcuttii</i>	Orcutt's linanthus	BLMS/FSS/None/List A/ 1B.3	Chaparral, Lower montane coniferous forest, Pinyon and juniper woodland/openings/ annual herb/ May- Jun/ 3002-7037	Absent. No suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Lotus nuttallianus</i>	Nuttall's lotus	None/None/List A/ B.1/NCCP	Coastal dunes, Coastal scrub(sandy)/ annual herb/ Mar-Jun(Jul),/ 0-33	Not expected to occur. The site is outside of the species' known elevation range.
<i>Lupinus</i> <i>excubitus</i> var. <i>medius</i>	Mountain Springs bush lupine	BLMS/None/None/List A/ 1B.3	Pinyon and juniper woodland, Sonoran desert scrub/ perennial shrub/ Mar-May/ 1394-4495	Absent. No suitable habitat for this species is present within the TL ROW. No historical occurrences of this species have been recorded within 3 miles of the TL ROW.
<i>Mentzelia</i> <i>tridentata</i> (= <i>M.</i> <i>tricuspis</i> var. <i>brevicornuta</i>)	creamy blazing star	BLMS/None/None/1B.3	Mojavean desert scrub/rocky, gravelly, sandy/ annual herb/ Mar-May/ 2297- 3806	Not expected to occur. No suitable vegetation present.
<i>Monardella</i> <i>hypoleuca</i> ssp. <i>lanata</i>	felt-leaved monardella	FSS/None/List A/ 1B.2/NCCP	Chaparral, Cismontane woodland/ perennial rhizomatous herb/ Jun-Aug/ 984-5167	Absent. Suitable habitat for this species is present within the ROW. Historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.

Sensitive Plant Species with the Potential to Occur				
Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Monardella macrantha</i> ssp. <i>hallii</i>	Hall's monardella	FSS/None/List A/1B.3	Broadleafed upland forest, Chaparral, Cismontane woodland, Lower montane coniferous forest, Valley and foothill grassland/ perennial rhizomatous herb/ Jun-Oct/ 2395-7201	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded at 14 miles of the TL ROW (CDFW 2013).
<i>Monardella nana</i> ssp. <i>leptosiphon</i>	San Felipe monardella	BLMS/FSS/None/List A/ 1B.2	Chaparral, Lower montane coniferous forest/ perennial rhizomatous herb/ Jun-Jul/ 3937-6086	Not expected to occur. The site is outside of the species' known elevation range.
<i>Monardella stoneana</i>	Jennifer's monardella	BLMS/None/None/List A/ 1B.2	Closed-cone coniferous forest, Chaparral, Coastal scrub, Riparian scrub/usually rocky intermittent streambeds/ perennial herb/ Jun-Sep/ 33-2592	Absent. No suitable habitat for this species is present within the TL ROW. No historical occurrences of this species have been recorded within 3 miles of the TL ROW.
<i>Monardella viminea</i> (= <i>M. linoidea</i> subsp. <i>viminea</i>)	willowy monardella	FE/SE/List A/1B.1/NCCP	Chaparral, Coastal scrub, Riparian forest, Riparian scrub, Riparian woodland/alluvial ephemeral washes/ perennial herb/ Jun-Aug/ 164-738	Not expected to occur. The site is outside of the species' known elevation range.
<i>Myosurus minimus</i> ssp. <i>apus</i>	little mousetail	None/None/List C/ 3.1/NCCP	Valley and foothill grassland, Vernal pools(alkaline)/ annual herb/ Mar-Jun/ 66-2100	Moderate. Suitable habitat for this species is present within the ROW; historical occurrences of this species have been recorded within 5 miles of the ROW (CNDDDB 2013)
<i>Nama stenocarpum</i>	mud nama	None/None/List B/2.2	Marshes and swamps(lake margins, riverbanks)/ annual/perennial herb/ Jan-Jul/ 16-1640	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded at 5 miles of the TL ROW (CDFW 2013).
<i>Navarretia fossalis</i>	spreading navarretia	FT/None/List A/ 1B.1/NCCP	Chenopod scrub, Marshes and swamps(assorted shallow freshwater), Playas, Vernal pools/ annual herb/ Apr-Jun/ 98-2149	Absent. Outside of the elevation range found within the TL ROW.

Sensitive Plant Species with the Potential to Occur				
Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Navarretia peninsularis</i>	Baja navarretia	FSS/None/List A/1B.2	Chaparral(openings), Lower montane coniferous forest, Meadows and seeps, Pinyon and juniper woodland/mesic/ annual herb/ Jun-Aug/ 4921-7546	Not expected to occur. The site is outside of the species' known elevation range.
<i>Nolina cismontana</i>	chaparral nolina	FSS/None/List A/1B.2	Chaparral, Coastal scrub/sandstone or gabbro/ perennial evergreen shrub/ (Mar),May-Jul/ 459-4183	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded at 25 miles of the TL ROW (CDFW 2013).
<i>Nolina interrata</i>	Dehesa nolina	BLMS/None/SE/List A/ 1B.1/NCCP	Chaparral(gabbroic, metavolcanic, or serpentinite)/ perennial herb/ Jun-Jul/ 607-2805	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Orcuttia californica</i>	California Orcutt grass	FE/SE/List A/1B.1/NCCP	Vernal pools/ annual herb/ Apr-Aug/ 49-2165	Absent. Outside the elevation found within the TL ROW. No suitable habitat for this species is present within the ROW. No historical occurrences of this species have been recorded within 3 miles of the TL ROW.
<i>Packera</i> (=Senecio) <i>ganderi</i>	Gander's butterweed	BLMS/FSS/SR/1B.2/ NCCP	Chaparral(burns, gabbroic outcrops)/ perennial herb/ Apr-Jun/ 1312-3937	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Penstemon californicus</i>	California beardtongue	FSS/None/1B.2	Chaparral, Lower montane coniferous forest, Pinyon and juniper woodland/sandy/ perennial herb/ May-Jun(Aug),/ 3839-7546	Not expected to occur. The site is outside of the species' known elevation range.
<i>Phacelia keckii</i> (= <i>P. suaveolens</i> ssp. <i>keckii</i>)	Santiago Peak phacelia	FSS/None/1B.3	Closed-cone coniferous forest, Chaparral/ annual herb/ May-Jun/ 1788-5249	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded at 30 miles of the TL ROW (CDFW 2013).

Sensitive Plant Species with the Potential to Occur				
Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Pinus torreyana</i> (ssp. <i>torreyana</i>)	Torrey pine	None/None/List A/ 1B.2NCCP	Closed-cone coniferous forest, Chaparral/Sandstone/ perennial evergreen tree/ N/A/ 246-525	Not expected to occur. The site is outside of the species' known elevation range.
<i>Poa atropurpurea</i>	San Bernardino bluegrass	FE/FSS/None/List A/ 1B.2	Meadows and seeps(mesic)/ perennial rhizomatous herb/ (Apr),May-Jul(Aug),/ 4462-8054	Not expected to occur. The site is outside of the species' known elevation range.
<i>Pogogyne abramsii</i>	San Diego mesa mint	FE/SE/List A/1B.1/NCCP	Vernal pools/ annual herb/ Mar-Jul/ 295- 656	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Pogogyne nudiuscula</i>	Otay mesa mint	FE/SE/List A/1B.1/NCCP	Vernal pools/ annual herb/ May-Jul/ 295- 820	Absent. Outside the elevation found within the TL ROW. No suitable habitat for this species is present within the ROW. No historical occurrences of this species have been recorded within 3 miles of the TL ROW.
<i>Ribes canthariforme</i>	Moreno currant	BLMS/FSS/None/List A/ 1B.3	Chaparral, Riparian scrub/ perennial deciduous shrub/ Feb-Apr/ 1115-3937	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Rosa minutifolia</i>	Small-leaved rose	None/SE/List B/ 2.1/NCCP	Chaparral, Coastal scrub/ perennial deciduous shrub/ Jan-Jun/ 492-525	Not expected to occur. The site is outside of the species' known elevation range.
<i>Scutellaria bolanderi</i> ssp. <i>austromontana</i>	southern skullcap	FSS/None/List A/1B.2	Chaparral, Cismontane woodland, Lower montane coniferous forest/mesic/ perennial rhizomatous herb/ Jun-Aug/ 1394-6562	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Sibaropsis hammittii</i>	Hammitt's claycress	FSS/None/List A/1B.2	Chaparral(openings), Valley and foothill grassland/clay/ annual herb/ Mar-Apr/ 2362-3494	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded at 12 miles of the TL ROW (CDFW 2013).

Sensitive Plant Species with the Potential to Occur				
Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Solanum xanti</i> (= <i>tenuilobatum</i>)	chaparral nightshade	None/None/None/NCCP	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Northern Oak Woodland, Southern Oak Woodland, Foothill Woodland, Chaparral/Feb-July/0- 9000	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded in CNDDB (CDFW 2013).
<i>Spermolepis</i> <i>echinata</i>	bristly scaleseed	None/ None/ 2.3	Sonoran desert scrub(sandy or rocky)/ annual herb/ Mar-Apr/ 197-4921	Not expected to occur. No suitable vegetation present.
<i>Sphenopholis</i> <i>obtusata</i>	prairie wedge grass	None/None/2.2	Cismontane woodland, Meadows and seeps/mesic/ perennial herb/ Apr-Jul/ 984-6562	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded at 5 miles of the TL ROW (CDFW 2013).
<i>Stemodia</i> <i>durantifolia</i>	purple stemodia	None/None/List B/2.1	Sonoran desert scrub(often mesic, sandy)/ perennial herb/ Jan-Dec/ 591- 984	Absent. Outside the elevation found within the TL ROW. No suitable habitat for this species is present within the ROW. No historical occurrences of this species have been recorded within 3 miles of the TL ROW.
<i>Streptanthus</i> <i>bernardinus</i>	Laguna Mountains jewelflower	FSS/None/List D/4.3	Chaparral, Lower montane coniferous forest/ perennial herb/ May-Aug/ 2198- 8202	Low. Suitable habitat for this species is present within the TL ROW; however, no historical occurrences of this species have been recorded at 5 miles of the TL ROW (CDFW 2013).
<i>Streptanthus</i> <i>campestris</i>	southern jewelflower	BLMS/FSS/None/List A/ 1B.3	Chaparral, Lower montane coniferous forest, Pinyon and juniper woodland/rocky/ perennial herb/ (Apr),May-Jul/ 2953-7546	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Symphyotrichum</i> <i>defoliatum</i> (= <i>Aster</i> <i>bernardinus</i>)	San Bernardino aster	BLMS/FSS/None/1B.2	Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Meadows and seeps, Marshes and swamps, Valley and foothill grassland(vernally mesic)/near ditches, streams, springs/ perennial rhizomatous herb/ Jul-Nov/ 7-6693	Present A total of 100 individuals were observed within TL 637 ROW near pole P106 during protocol-level focused plant surveys conducted during the 2010 blooming period.

Sensitive Plant Species with the Potential to Occur				
Species	Common Name	Status Federal/State/County /NCCP/Other	Habitat/Blooming Period	Potential to Occur/Comments
<i>Tetracoccus dioicus</i>	Parry's tetracoccus	BLMS/FSS/None/List A/ 1B.2/NCCP	Chaparral, Coastal scrub/ perennial deciduous shrub/ Apr-May/ 541-3281	Present A total of 181 individuals were observed within the TL 637 ROW near poles P48, P50, and P46 during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Thermopsis californica</i> var. <i>semota</i>	velvety false-lupine	BLMS/FSS/None/List A/ 1B.2	Cismontane woodland, Lower montane coniferous forest, Meadows and seeps, Valley and foothill grassland/ perennial rhizomatous herb/ Mar-Jun/ 3281-6135	Absent. Suitable habitat for this species is present within the ROW; however, no historical occurrences of this species have been recorded within 3 miles of the TL ROW. Not observed during protocol-level focused plant surveys conducted during the 2010 blooming period.
<i>Triquetrella californica</i>	coastal triquetrella	None/ None/ 1B.2	Coastal bluff scrub, Coastal scrub, valley & foothill grasslands/soil/ moss/ N/A/ 33- 328	Not expected to occur. The site is outside of the species' known elevation range.

Source: SDG&E 2013; Chambers Group 2012a; CDFW 2013; CNPS 2013; SDG&E NCCP 1995; Cleveland National Forest Sensitive Species List (Winters, pers. comm. 2013)

FEDERAL CANDIDATES AND LISTED PLANTS

BLMS = BLM Sensitive

FSS = USFS Sensitive

FE = Federally listed endangered FT = Federally listed threatened

STATE LISTED PLANTS

SE = State listed endangered

SR = State listed rare

ST = State listed threatened

SDG&E NATURAL COMMUNITY CONSERVATION PLAN (NCCP)

NCCP = Covered Species

CALIFORNIA NATIVE PLANT SOCIETY LISTS

1B = Species rare, threatened, or endangered in California and elsewhere. These species are eligible for state listing.

2 = Species rare, threatened, or endangered in California but more common elsewhere. These species are eligible for state listing.

4 = A watch list of species of limited distribution. These species need to be monitored for changes in the status of their population

APPENDIX 1-B

*Sensitive Wildlife Species Observed or with the
Potential to Occur*

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
Reptiles and Amphibians				
<i>Anaxyrus [=Bufo] californicus</i>	Arroyo toad	FE/ SSC/ IUCN:EN/ Group 1/MIS (aquatic habitat)/ NCCP	Washes, arroyos, sandy riverbanks, riparian areas with willows, sycamores, oaks cottonwoods. Requires exposed sandy streambanks with stable terraces to burrow with scattered vegetation and calm pools with sandy/gravel bottoms for breeding. Found west of desert in coastal areas from upper Salinas River in San Luis Obispo Co. to northwestern Baja California, sea level to 900m (1).	Absent. Although CNDDDB lists several records of occurrence and Critical Habitat areas are located within 3 miles of the TL ROW, no suitable breeding habitat is present within the ROW; and this species was not found during focused surveys conducted by Chambers Group in 2010. Pasture grazing and development has removed potential habitat for this species from the TL ROW.
<i>Anniella pulchra</i>	California legless lizard	FSS/SSC/ Group 2	Loose soils (sand, loam, humus) in coastal dune, coastal sage scrub, woodlands, and riparian habitats (1).	Low. Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains habitat moderately suitable to support this species.
<i>Aspidoscelis hyperythra beldingi</i>	Belding's orange-throated whiptail	None/ SSC/ Group 2/NCCP	Coastal sage scrub, chamise-redshank chaparral, mixed chaparral, valley-foothill hardwood especially in areas with summer fog. Found from Santa Ana River and near Colton in San Bernardino Co., west of Peninsular ranges, south throughout Baja California, 0-610m (1, 2).	High. CNDDDB lists four records of occurrence within 3 miles of the ROW, the closest occurrence being approximately 0.7 mile away, approximately 1.1 miles south of Ballena Valley at Highway 78, 6 miles east of Ramona. In addition, the TL 637 ROW contains good quality habitat to support this species.
<i>Aspidoscelis tigris stejnegeri</i>	Coastal whiptail	None/None	Hot and dry open areas with sparse foliage, chaparral, woodland, riparian areas. Found in coastal southern California, west of Peninsular Ranges and south of Transverse Ranges, north to Ventura Co, 0-2130m (1, 2).	High. CNDDDB lists four records of occurrence within 5 miles of the ROW, the closest occurrence being approximately 2.5 miles from the ROW (CDFW 2013)

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Clemmys</i> [= <i>Actinemmys</i>] <i>marmorata pallida</i>	Southwestern pond turtle	FSS/ BLMS/ SSC/IUCN:VU/ Group 1/NCCP	Slow-moving permanent or intermittent streams, ponds, small lakes, reservoirs with emergent basking sites; adjacent uplands used during winter. Found in coast ranges, central valley, 0-1800m (1, 2).	Low. Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains some low quality suitable habitat to support this species.
<i>Coleonyx variegatus abbotti</i>	San Diego banded gecko	None/ None/ Group 1/NCCP	Rocky areas in coastal sage and chaparral, and occurs most often in granite or rocky outcrops in coastal and cismontane southern California from interior Ventura Co. south, and is absent from extreme outer coast (1, 2).	Low. Although CNDDDB lists no records of occurrence within 5 miles of the TL ROW, habitat moderately suitable to support this species may be present within the ROW (CDFW 2013)
<i>Crotalus ruber ruber</i>	Northern red-diamond rattlesnake	None/ SSC/ Group 2/NCCP	Chaparral, oak and pine woodland, arid desert, rocky grassland habitats in rocky areas and dense vegetation; rocky desert flats on desert slopes of mountains. Morongo Valley (1)	High. Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains good quality suitable habitat.
<i>Diadophis punctatus similis</i>	San Diego ring-necked snake	FSS/ None/ Group 2/NCCP	Moist habitats, wet meadows; rocky hillsides; open habitats such as farmland, grassland, chaparral; and mixed coniferous forests and woodlands. San Diego Co. along coast and Peninsular range, southwestern San Bernardino Co. (1).	Moderate. Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains good quality suitable habitat.
<i>Ensatina klauberi</i>	Large-blotched salamander	FSS/ SSC/ Group 1	Moist shaded evergreen and deciduous forests, oak woodlands, under rocks, logs, debris, especially peeled off bark. Found in peninsular ranges of southern California and eastern San Bernardino Mtns., approx. 1,525m (1).	Low. Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, habitat moderately suitable to support this species is present within the ROW.

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Lampropeltis zonata pulchra</i>	San Diego mountain kingsnake	BLM:S/FSS/ SSC/ Group 2	Valley-foothill hardwood, hardwood-conifer, mixed and montane chaparral, valley-foothill riparian, coniferous forests, wet meadows in central San Diego Co. peninsular ranges- Laguna, Palomar, Volcan, and Hot Springs Mtns., Santa Ana Mtns., and in Hollywood Hills, Santa Monica Mtns., 0-1981m (1).	Low. Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains low quality suitable habitat.
<i>Lichanura trivirgata roseofusca</i>	Coastal rosy boa	FSS/ None/ Group 2/NCCP	Rocky chaparral hillsides and canyons, scrub flats with good cover, common in riparian areas but does not require permanent water. Found in extreme southern California within Tijuana River and Otay watersheds (1, 2).	Present. CNDDDB records lists 2 records of occurrence for this species within 3 miles of the TL ROW, and the ROW contains good quality suitable habitat. In addition, this species was observed on the TL 637 ROW near poles P51 and P116.
<i>Phrynosoma coronatum blainvillii</i>	Coast (=San Diego) horned lizard	FSS/ BLMS/ SSC/ Group 2/NCCP	Areas of sandy soil and low vegetation in valleys, foothills, and semiarid mountains. Annual grassland, chaparral, woodland, coniferous forest, sandy areas, frequently near ant hills. Foothills and coastal plains from Los Angeles to northern Baja California (1, 3).	Present. CNDDDB lists six records of occurrence for this species within 3 miles of the TL ROW, the ROW contains good quality habitat, and this species was observed on the TL 637 ROW near pole P116.
<i>Plestiodon [=Eumeces] skiltonianus interparietalis</i>	Coronado Island skink	BLMS/ SSC/ Group 2/NCCP	Grassland, woodlands, pine forests, chaparral, especially open sunny areas such as clearings and edges of creeks, and rocky areas near streams with lots of vegetation; in litter, rotting logs, under flat stones. Found in coastal ranges and Sierra Nevada and foothills, 0-2530m (1, 2).	Present. CNDDDB lists a single record of occurrence for this species within 1 mile of the TL ROW, and this species was observed on the TL 637 ROW near pole R107. In addition, the TL ROW contains good quality suitable habitat to support this species.

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Rana aurora draytoni</i>	California Red-legged Frog	FT/SSC/IUCN:VU/Group 1/NCCP	Lowland or foothill streams, wetlands, riparian woodlands; dense, shrubby or emergent vegetation associated with deep, still or slow-moving water from Coast Ranges south of Mendocino Co., and in portions of Sierra Nevada and Cascades ranges, sea level to 1,525m (1,2).	Low. Although CNDDDB lists no records of occurrence within 5 miles of the TL ROW, habitat moderately suitable to support this species may be present within the ROW (CDFW 2013)
<i>Rana muscosa</i>	Mountain yellow-legged frog	FE /CE/ FSS/SSC/IUCN:EN Group 1	Meadow streams, isolated pools, lake borders, rocky stream courses within ponderosa pine, montane hardwood-conifer and montane riparian habitat types in southern Sierra Nevada; and rocky streams in narrow canyons and in chaparral in southern California. Elevations 370-3,660m (1,2).	Absent. CNDDDB lists no records of occurrence within 3 miles of the TL ROW, and the ROW lacks suitable habitat to support this species.
<i>Salvadora hexalepis virgulata</i>	Coast patch-nosed snake	None/ SSC/ Group 2/NCCP	Semi-arid brushy areas and chaparral in canyons, rocky hillsides, plains from northern Carrizo Plains south through coastal zone, south and west of the deserts into coastal northern Baja California, at elevations below sea level to 2130m (1).	Low. Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains moderate quality suitable habitat.
<i>Spea [=Scaphiopus] hammondi</i>	Western spadefoot	None/BLMS/ SSC/ Group 2/NCCP	Sandy/gravelly soils within mixed woodlands, grasslands, coastal sage scrub, chaparral, sandy washes, foothills, mountains, and other habitats. Breed in rainpools that do not have bullfrogs, fish, or crayfish. Found throughout Great Valley and foothills south of Redding, throughout South Coast Ranges in southern California south of Transverse Mtns and west of Peninsular Mtns, 0-1365m (1).	Low. Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains fair to moderate quality habitat and vernal pools that may support breeding are present adjacent to the ROW.

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Taricha torosa torosa</i>	Coast range newt	None/ SSC/ Group 2	Wet forests, oak forests, chaparral, rolling grasslands; in southern California, occupies drier chaparral, oak woodland, grasslands. Coastal drainages from Monterey Co. to San Diego Co. Lives in terrestrial habitats and may migrate over 1 km to breed in ponds, reservoirs and slow moving streams (1, 2).	Low. Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, low quality suitable habitat to support this species is present within the ROW.
<i>Thamnophis hammondi</i>	Two-striped garter snake	FSS/ BLMS/ SSC/ Group 1/NCCP	Permanent or semi-permanent bodies of water bordered by dense vegetation in rocky areas, oak woodland, chaparral, brushland, coniferous forest. Found on Diablo Range, South Coast and Transverse ranges, and Santa Catalina Island (1, 2).	Low. Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains moderate quality suitable habitat.
<i>Thamnophis sirtalis ssp.</i>	South coast garter snake	None/ SSC/ Group 2	Streams, creeks, pools, streams with rocky beds, ponds, lakes, vernal pools. Coastal plain from Ventura to San Diego Co., 0-850m (2).	Low. Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains moderate quality suitable habitat.
Birds				
<i>Accipiter cooperii</i>	Cooper's hawk (nesting)	None/DFG:WL/Group 1/NCCP	Dense stands of live oak, riparian deciduous, forest habitats near water. Breeds in southern Sierra Nevada foothills, New York Mtns., Owens Valley, other local areas in southern California, 0-2700m (2).	Present (foraging) High (nesting). Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains good quality suitable habitat, and this species was observed on the TL 637 ROW near pole P156.

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Agelaius tricolor</i>	Tricolored blackbird (nesting colony)	BCC/ WLBC/ BLMS/ SSC/IUCN:EN/ Group 1/NCCP	Breeds in emergent wetland with tall, dense cattails or tules; willow, blackberry, tall herb thickets. Feeds in grassland and cropland habitats. Found throughout Central Valley and coastal areas south of Sonoma Co. (2).	L (foraging and nesting). Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains suitable foraging habitat to support this species. However, no large stands of cattails to support colonial nesting occurs within the project ROW.
<i>Aimophila ruficeps canescens</i>	Southern California rufous-crowned sparrow	None/DFG:WL/Group 1/NCCP	Sparse mixed chaparral and coastal scrub habitats (especially coastal sage) in southern California on slopes of Transverse and Coastal ranges, north to Los Angeles County, and northwestern Baja California. Found on steep, rocky hillsides with grass and forb patches, and grassy slopes without shrubs, if rock outcrops are present (2, 4).	P (foraging) H (nesting). CNDDDB lists 3 records of occurrence within 3 miles of the TL ROW. This species was observed foraging in several locations along the TL ROW, and the ROW contains good quality suitable habitat.
<i>Ammodramus savannarum</i>	Grasshopper sparrow	None/ SSC/ Group 1/NCCP	Dry, dense grasslands, especially with a variety of grasses and tall forbs, scattered shrubs for singing perches. Summer resident and breeder in foothills and lowlands west of Cascade-Sierra Nevada crest from Mendocino and Trinity Cos. south to San Diego Co. In southern California, occurs on hillsides and mesas in coastal areas, breeds up to 1500m (2).	Low (foraging and nesting). Although CNDDDB lists no records of occurrence within 5 miles of the TL ROW, habitat moderately suitable to support this species may be present within the ROW (CDFW 2013)
<i>Amphispiza belli belli</i>	Bell's sage sparrow	BCC/WLBC/DFG:WL/ Group 1	Low, dense stands of shrubs; chaparral dominated by chamise, coastal scrub dominated by sage. Coast Ranges from northern California to northwestern Baja California, western slope of Sierra Nevada (2, 4).	Moderate (foraging and nesting). CNDDDB lists 1 record of occurrence within 5 miles of the TL ROW, and the ROW may contains moderate quality suitable habitat (CDFW 2013)

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Aquila chrysaetos</i>	Golden eagle (nesting & wintering)	BLMS/BCC/FP/ WL/CDF:S/ Group 1/NCCP	Rolling foothills, mountain areas, sage-juniper flats, desert throughout California (2).	High (foraging). Absent (nesting). Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, a historic golden eagle nesting location was identified within 5 miles southeast of the TL 637 ROW in an area known as the Mt. Gower Open Space in the Cleveland National Forest. According to the Raptor Management page on the USDA Forest Service website (http://www.fs.usda.gov/detail/cleveland/landmanagement/resourcemanagement), this nest was not active in 2012. This species was not identified during the Sunrise Powerlink surveys for eagles. Therefore, this species is considered to have a high potential to forage but is not considered to have a potential to nest within the TL 637 ROW.
<i>Athene cucularia</i>	Burrowing owl	BCC/ BLMS/ SSC/ Group 1/NCCP	Open, dry grassland and desert habitats; grass, forb and open shrub stages of pinyon-juniper and ponderosa pine habitats throughout the state, 0-1600m (2).	L (foraging) L (burrow sites and wintering). Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains low quality suitable habitat to support the species.
<i>Branta canadensis</i>	Canada Goose	None/ None/ Group 2/NCCP	Lakes, fresh emergent wetlands, moist grasslands, croplands, pastures, and meadows. Winter migrant throughout Central Valley, Salton Sea, northeastern California, also along Colorado River (2).	Low (foraging and nesting). Although CNDDDB lists no records of occurrence for this species, habitat moderately suitable to support this species may be present within the ROW (CDFW 2013)

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Buteo regalis</i>	Ferruginous hawk (wintering)	BCC/DFG:WL/Group 1/NCCP	Open, grasslands, sagebrush flats, desert scrub, low foothills surrounding valleys, fringes of pinyon-juniper habitats. Uncommon winter resident at low elevations and open grasslands of Modoc Plateau, Central Valley, Coast Ranges. Common winter resident in southwestern California (2).	Moderate (foraging). Low (nesting). CNDDDB lists 1 record of occurrence within 5 miles of the TL ROW, and the ROW may contain moderate quality suitable habitat (CDFW 2013)
<i>Buteo swainsoni</i>	Swainsons hawk	BCC/WLBCC/BLMS/FSS/ ST/ Group 1/NCCP	Forages in grasslands or suitable grain or alfalfa fields or livestock pastures; breeds in stands with few trees in juniper-sage flats, riparian areas, and in oak savannah in Central Valley (2).	Low. Although CNDDDB lists no records of occurrence within 5 miles of the TL ROW, habitat moderately suitable to support this species may be present within the ROW (CDFW 2013)
<i>Campylorhynchus brunneicapillus sandiegensis</i>	San Diego cactus wren (San Diego & Orange Counties only)	BCC/ FSS / SSC/ Group 1/NCCP	Southern cactus scrub, maritime succulent scrub, cactus thickets in coastal sage scrub. In arid parts of westward-draining slopes of southern California (2).	Low (foraging and nesting). Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains low quality suitable habitat to support this species.
<i>Charadrius alexandrinus nivosus</i>	Western snowy plover (nesting)	FT/ BCC/ WLBCC/ SSC/ Group 1/NCCP	Sandy marine and estuarine shores. Nests on these habitats and salt pond levees. Nesting areas in Salton Sea, Mono Lake, shores of alkali lakes of northeastern California, Central Valley, and southeastern deserts (2).	Low (foraging and nesting). CNDDDB lists no records of occurrence for this species within 5 miles of the ROW and habitat suitable to support this species is low (CDFW 2013)
<i>Charadrius montanus</i>	Mountain plover (wintering)	PT/ BCC/ BLMS/WLBCC/ SSC/ Group 2/NCCP	Nests in open, shortgrass prairies or grasslands; winters in shortgrass plains, plowed fields, open sagebrush, and sandy deserts. Winters in short grasslands and plowed fields of Central Valley below 1000m (2).	Low (foraging and nesting). CNDDDB lists no records of occurrence for this species within 5 miles of the ROW and habitat suitable to support this species is low (CDFW 2013)

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Circus cyaneus</i>	Northern harrier (nesting)	None/ SSC/ Group 1/NCCP	Open wetlands (nesting), pasture, old fields, dry uplands, grasslands, rangelands, coastal sage scrub. Resident of northeastern plateau and coastal areas; less common resident in Central Valley. Breeds at marsh edge in shrubby vegetation in Central Valley and Sierra Nevada (0-1700m), and northeastern California (up to 800m) (2).	Low (foraging and nesting). Although CNDDDB lists no records of occurrence for this species within 5 miles of the ROW, habitat moderately suitable to support this species may be present within the ROW (CDFW 2013)
<i>Coccyzus americanus occidentalis</i>	Western Yellow-billed Cuckoo (Nesting)	FC/SE/BCC /BLMS/ FSS/Group 1	Dense, wide riparian woodlands and forest with well-developed understories. Valley foothill and desert riparian habitats scattered throughout California – Colorado River, Sacramento and Owens Valleys, South Fork of the Kern River, Santa Ana River, and Amargosa River (2).	Low (foraging and nesting). Although CNDDDB lists no records of occurrence for this species within 5 miles of the ROW, habitat moderately suitable to support this species may be present within the ROW (CDFW 2013)
<i>Dendroica petechia brewsteri</i>	Yellow warbler (nesting)	BCC/ SCC/ Group 2	Nests in lowland and foothill riparian woodlands; montane chaparral, open ponderosa pine, mixed conifer habitats up to 2500m; winters in a variety of habitats. Breeds from coast range in Del Norte Co., east to Modoc plateau, south to Santa Barbara and Ventura Cos., western slope of Sierra Nevada south to Kern Co.; also breeds in ranges in San Diego Co. (2).	L (foraging and nesting). Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains low to moderate quality suitable habitat to support this species.
<i>Egretta rufescens</i>	Reddish egret	None/ None/ Group 2/NCCP	Forages in saltmarsh, mudflats, coastal lagoons; nests on natural islands or man-made dredge spoil canals, occasionally on coastal mainland. Found in southwestern and central coastal California (4).	Low (foraging and nesting). CNDDDB lists no records of occurrence for this species and habitat suitable to support this species is low within the ROW (CDFW 2013). There are no known occurrences of this species within the ROW (Unitt 2004).

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Elanus leucurus</i>	white-tailed kite (nesting)	BLMS/ FP/ Group 1	Open grasslands, savanna-like habitats, agriculture, wetlands, oak woodlands, riparian, herbaceous and open stages of most habitats in cismontane California, near agricultural areas. Found in coastal and valley lowlands of California (2).	P (foraging) M (nesting). CNDDDB lists 1 record of occurrence for this species within 1 mile of the TL ROW, and this species was observed on the TL 637 ROW near pole P158. In addition, the ROW contains high quality suitable habitat.
<i>Empidonax traillii extimus</i>	Southwestern willow flycatcher (nesting)	FE/WLBCC/ SE/ Group 1/NCCP	Riparian woodlands along streams and rivers with mature, dense stands of willows or alders; may nest in thickets dominated by tamarisk. Broad, open river valleys or large mountain meadows with lush growth of shrubby willows. Found in riparian habitats in northern San Diego Co. (1).	L (foraging) A (nesting). The TL ROW contains low quality suitable habitat; the southwestern willow flycatcher has a low potential to forage within this habitat. However, since CNDDDB lists no records of occurrence within 3 miles of the TL ROW, and the southwestern willow flycatcher has high site fidelity and is not known to breed outside historic locations, this species can be considered absent for nesting within the TL 637 ROW.
<i>Falco mexicanus</i>	Prairie falcon (nesting)	BCC/WL/Group 1	Grassland, savannas, rangeland, agriculture, desert scrub, alpine meadows; nest on cliffs or bluffs. Southeastern deserts northwest through Central Valley and along inner Coast Ranges and Sierra Nevada (2).	Moderate (foraging and nesting). CNDDDB lists 1 record of occurrence within 5 miles of the TL ROW, and the ROW may contains moderate quality suitable habitat (CDFW 2013)
<i>Falco peregrinus anatum</i>	American peregrine falcon (nesting)	FD/ BCC/ CDFS/ SD/ FP/ Group 1/NCCP	Nests in woodland, forest, coastal habitats along coast north of Santa Barbara and in Sierra Nevada, and other mountains of northern California. Winters in Central Valley, and is found in other riparian areas and coastal/inland wetlands (2).	Low (foraging and nesting). Although CNDDDB lists no records of occurrence for this species within 5 miles of the ROW, habitat moderately suitable to support this species may be present within the ROW (CDFW 2013)

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Haliaeetus leucocephalus</i>	Bald Eagle	FSS/SE/BLMS/BCC/FP/CDF:S/ NCCP	Large bodies of water and flowing rivers with abundant fish, with adjacent snags or other perches; breeds in northern California and is found during winter at few locations throughout southern California (2).	Low (foraging and nesting). Although CNDDDB lists no records of occurrence for this species within 5 miles of the ROW, habitat moderately suitable to support this species may be present within the ROW (CDFW 2013)
<i>Numenius americanus</i>	Long-billed curlew (nesting)	BCC/WL/WLBCC/ Group 2/NCCP	Nests in upland shortgrass prairies and wet meadows in northeast California; winters in coastal estuaries, open grasslands and croplands along California coast, and in Central and Imperial valleys (2).	Low (foraging and nesting). CNDDDB lists no records of occurrence for this species and habitat suitable to support this species is low within the ROW (CDFW 2013)
<i>Passerculus sandwichensis beldingi</i>	Belding's savannah sparrow	None/ SE/ Group 1/NCCP	Scattered southern coastal wetlands in southwestern California (2).	Low (foraging and nesting). Although CNDDDB lists no records of occurrence for this species within 5 miles of the ROW, habitat moderately suitable to support this species may be present within the ROW (CDFW 2013)
<i>Passerculus sandwichensis rostratus</i>	Large-billed savannah sparrow (wintering)	None/ SSC/ Group 2/NCCP	Grassland, saline emergent wetlands from central coastal and southern California; Santa Cruz, Morro Bay, San Miguel Island, San Clemente Island, San Diego (2, 4).	Low (foraging). Absent (nesting). CNDDDB lists no records of occurrence for this species and habitat suitable to support this species is low within the ROW (CDFW 2013)
<i>Pelecanus occidentalis californicus</i>	California brown pelican (nesting colony & communal roosts)	FD/ SD/BLMS/FP/ Group 2/NCCP	Open sea, large water bodies, coastal bays and harbors, estuarine, marine subtidal, and marine pelagic waters along coast and breeds on Channel Islands (2).	Absent (nesting and foraging). CNDDDB lists no records of occurrence within 5 miles of the TL ROW, and the ROW lacks suitable habitat to support this species (CDFW 2013).

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Plegadis chihi</i>	White-faced ibis (nesting colony)	None/ WL/ Group 1/NCCP	Nests in marsh; winter foraging in shallow lacustrine waters, muddy ground of wet meadows, marshes, ponds, lakes, rivers, flooded fields and estuaries. Uncommon summer resident in areas of southern California (esp. Salton Sea area), rare visitor to Central Valley (2).	Low (foraging and nesting). CNDDDB lists no records of occurrence for this species within 5 miles of the ROW and habitat suitable to support this species is low within the ROW (CDFW 2013)
<i>Polioptila californica californica</i>	Coastal California gnatcatcher	FT/ WL/BCC/ SSC/ Group 1/NCCP	Coastal sage scrub, coastal sage scrub-chaparral mix, coastal sage scrub-grassland ecotone, riparian in late summer. Found from eastern Orange and southwestern Riverside Cos. south through coastal foothills of San Diego Co. (2).	P (foraging and nesting). CNDDDB lists 2 records of occurrence of this species within 2 miles of the TL ROW. In addition, the ROW contains good quality suitable habitat, and this species was observed nesting on the ROW near poles P64 and P48 during focused surveys conducted in 2010.
<i>Progne subis</i>	Purple martin (nesting)	None/ SSC/ Group 1	Nests in tall sycamores, pines, oak woodlands, coniferous forest; forages over riparian, forest and woodland. Found throughout the state in wooded, low-elevation habitats. Rare and local breeder in the south in mountain ranges and along coast (2).	P (foraging and nesting). CNDDDB lists a record of occurrence in 2007 for this species nesting in a wood power pole east of Little Page Road, and 0.5 mile south of Highway 78, at Collier Flat. In addition, a purple martin pair was observed nesting during TL 637 construction at pole P113.
<i>Rallus longirostris levipes</i>	Light-footed clapper rail	FE/SE/ FP/WL/BCC/Group 1/NCCP	Coastal saline emergent wetlands along southern California from Santa Barbara Co. to San Diego Co. (2).	Low (foraging) Absent (nesting). CNDDDB lists no records of occurrence for this species within 5 miles of the ROW and habitat suitable to support this species is low within the ROW (CDFW 2013)

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Siala mexicana</i>	Western bluebird	None/None/ Group 2/NCCP	Open forests of deciduous, coniferous or mixed trees, savanna, edges of riparian woodland. Common throughout California excluding higher mountains and eastern deserts (2).	High (foraging and nesting). Although no records in CNDDDB, this species has an expanding distribution and breeding has been confirmed in the area (Unitt 2004).
<i>Sternula antillarum browni</i>	California least tern (nesting colony)	FE/WLBCC/ SE/ FP/ Group 1/NCCP	Breeding colonies located in marine and estuarine shores in southern California, and in San Francisco Bay in abandoned salt ponds and estuarine shores. Feeds in nearby waters. Are migratory to California (2).	Low (foraging) Absent (nesting). CNDDDB lists no records of occurrence for this species within 5 miles of the ROW and habitat suitable to support this species is low within the ROW (CDFW 2013)
<i>Strix occidentalis occidentalis</i>	California spotted owl	BLMS/ FSS/ BCC/ WLCC/ SSC/ Group 1/MIS (montane coniferous forest)	Dense, old-growth, multi-layered mixed conifer, redwood and Douglas-fir habitats in northern California; oak and oak-conifer habitats in southern California; 0-2,300m (2).	Low. Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the TL 637 ROW contains low quality suitable habitat to support the species.
<i>Thalasseus [=Sternula] elegans</i>	Elegant tern (nesting colony)	WLBCC/WL/ Group 1/NCCP	Coastal waters, estuaries, large bays and harbors, mudflats; rarely occur offshore and never found inland. Found along coastal California, most common in southern California, not found north of Marin Co. (2).	Low (foraging) Absent (nesting). CNDDDB lists no records of occurrence for this species and habitat suitable to support this species is low within the ROW (CDFW 2013)
<i>Icteria virens</i>	Yellow-breasted chat	None/None/SSC	Riparian forest, riparian scrub, riparian woodland (17). Frequents dense, brushy thickets and tangles near water, and thick understory in riparian woodland. In Southern California, breeds locally on the coast and very locally inland (2).	Low (foraging and nesting). Although CNDDDB lists no records of occurrence for this species within 5 miles of the ROW, habitat moderately suitable to support this species may be present within the ROW (CDFW 2013)

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Vireo bellii pusillus</i>	Least Bell's vireo (nesting)	FE/ WLBC/ SE/ Group 1/NCCP	Willows and low, dense valley foothill riparian habitat and lower portions of canyons; along western edge of deserts in desert riparian habitat, 0-600m. Found in San Benito and Monterey Cos., and coastal southern California from Santa Barbara Co. south (2).	L (foraging and nesting). Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains low quality suitable habitat to support this species.
Fish				
<i>Gila orcutti</i>	Arroyo chub	FSS/ SSC/ AFS:VU/ Group 1	Permanent, small to moderate sized, moderate to high gradient streams with flow; headwaters, creeks, small to medium rivers, intermittent streams. Prefer slow moving sections with sand or mud substrate. Found in southern California watersheds (4).	Low. Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains low quality suitable habitat to support this species.
<i>Oncorhynchus mykiss</i>	Southern Steelhead Trout	FE/FSS/AFS:EN	<i>Oncorhynchus mykiss</i> ssp. <i>irideus</i> : Santa Maria River south to southern extent of range (San Mateo Creek in San Diego Co.); Southern steelhead likely have greater physiological tolerances to warmer water and more variable conditions. Ocean, rivers, creeks, large inland lakes, juveniles spend time in ocean before returning to natal stream to spawn; prefer summer temperatures 10-15° C. Migration requires deep (3m) pools with cover along river course (4).	Low. Although CNDDDB lists no records of occurrence (<i>Oncorhynchus mykiss</i> ssp. <i>irideus</i>) within 5 miles of the TL ROW, the ROW contains low quality suitable habitat to support this species (CDFW 2013)
<i>Rhinichthys osculus</i> spp 8	Santa Ana Speckled Dace	FSS	Shallow gravel and cobble riffles of permanent flowing streams with summer temperatures of 62-68° F; overhanging riparian plants provide cover; most common where other native fishes also are common (4)	Low. Although CNDDDB lists no records of occurrence, the ROW contains low quality suitable habitat to support this species (CDFW 2013)

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
Invertebrates				
<i>Branchinecta sandiegonensis</i>	San Diego fairy shrimp	FE/None/ IUCN:EN/Group 1/NCCP	Small, shallow vernal pools, occasionally ditches and road ruts in coastal mesa system of southern California and Baja California (4).	Low. CNDDDB lists 11 records of occurrence within 3 miles of the TL ROW, the closest being approximately 1.3 miles away in a pool southeast of 7th and Telford streets in Ramona, California. In addition the project ROW contains suitable habitat to support this species.
<i>Callophrys (=Mitoura) thornei</i>	Thorne's hairstreak butterfly	BLMS/ None/ Group 1/NCCP	Tecate cypress on chaparral-covered dry rocky slopes, Otay Mtn. (4).	Low. CNDDDB lists no records of occurrence for this species within 5 miles of the ROW and habitat suitable to support this species is low within the ROW (CDFW 2013)
<i>Euphydryas editha quino</i>	Quino checkerspot butterfly	FE/None/XERCES:CI/Group 1	Sparsely vegetated hilltops, ridgelines, occasionally rocky outcrops; host plant <i>Plantago erecta</i> and nectar plants must be present, San Diego and Riverside Cos. (4).	Absent. Although suitable habitat is present within the TL ROW, CNDDDB lists no records of occurrence within 3 miles of the TL ROW, and no Quino checkerspot butterflies were found during focused surveys conducted on the ROW in 2010 (Chambers Group 2010).
<i>Lycaena hermes</i>	Hermes copper butterfly	FC/ None/ IUCN:VU/Group 1	Coastal sage scrub, southern mixed chaparral supporting at least 5% cover of host plant <i>Rhamnus crocea</i> . Adults visit <i>Eriogonum fasciculatum</i> and <i>Helianthus gracilentus</i> . On well-drained hillsides and canyon bottoms, coastal San Diego Co. south to Santo Tomas, Baja California (4).	Absent. CNDDDB lists no records of occurrence within 3 miles of the TL ROW, and no suitable habitat for Hermes copper larvae was identified during a Hermes copper habitat assessment conducted in 2010 (Chambers Group 2011e).

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Panoquina errans</i>	Wandering (= saltmarsh) skipper	None/None/ Group 1/NCCP	Salt marsh from Los Angeles to Baja California, Mexico. Host plant <i>Distichlis spicata</i> in salt marshes or near beaches, mouths of rivers (4).	Absent (nesting and foraging). CNDDDB lists no records of occurrence within 5 miles of the TL ROW, and the ROW lacks suitable habitat to support this species (CDFW 2013).
<i>Pyrgus ruralis lagunae</i>	Laguna Mountains skipper	FE/ None/XERCES:CI/ Group 1	Only in a few open meadows in yellow pine forest between 5,000 and 6,000 ft in the vicinity of Mt. Laguna and Palomar Mtn. Eggs laid on leaves of <i>Horkelia clevelandi</i> . Larvae feed on leaves and overwinter on the host plant (4).	Absent. The Laguna mountains skipper can be considered absent from the TL ROW. CNDDDB lists no records of occurrence within 3 miles of the TL ROW and no suitable habitat within the ROW.
<i>Helminthoglypta milleri</i>	Peak shoulderband	None/None	Occupies chaparral habitats (17)	Low. Although CNDDDB lists no records of occurrence within 5 miles of the TL ROW, the ROW contains moderate quality suitable habitat to support this species (CDFW 2013)
<i>Streptocephalus woottoni</i>	Riverside fairy shrimp	FE/ None/ Group 1/NCCP	Deep, long-lived vernal pools, vernal pool-like seasonal ponds, stock ponds; warm water pools that have low to moderate dissolved solids; in patches of grassland or agriculture interspersed in coastal sage scrub vegetation in southern California(4).	Low. CNDDDB lists no records of occurrence for this species within 5 miles of the ROW and habitat suitable to support this species is low within the ROW (CDFW 2013)

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
Mammals				
<i>Antrozous pallidus</i>	Pallid bat	None/BLMS/ FSS/ WBWG:H/ SSC/ Group 2	Grasslands, shrublands, woodlands, forests; most common in open dry habitats with rocky outcrops for roosting. Found throughout low elevations of California, except for high Sierra Nevada and northwestern corner of the state south to Mendocino Co. (2).	Moderate. CNDDDB lists 6 records of occurrence within 3 miles of the TL ROW, the closest being approximately 0.6 mile from the TL 637 ROW. In addition, the ROW contains low quality roosting habitat to support this species.
<i>Lasionycteris noctivagans</i>	Silver-haired bat	None/None/WBWG:M	Lower montane coniferous forest, oldgrowth, riparian forest. In Southern California from Ventura and San Bernardino counties south to Mexico and on some of the Channel Islands. Summer range generally below 9000 feet. Feeds less than 20 feet above forest streams, ponds, and open brushy areas. Needs drinking water. Primarily a forest dweller (2)	Low. CNDDDB lists 1 record (1982) of occurrence within 3 miles of the TL ROW, and the ROW contains low quality roosting habitat to support this species.
<i>Chaetodipus californicus femoralis</i>	Dulzura (California) pocket mouse	None/SSC/ Group 2/NCCP	Open habitat, coastal sage scrub, chaparral, oak woodland, chamise chaparral, mixed conifer habitats; disturbance specialist; 0-3000 feet (7, 8).	Moderate. CNDDDB lists 3 records of occurrence within 3 miles of the TL ROW, and the ROW contains moderate quality suitable habitat.
<i>Chaetodipus fallax fallax</i>	Northwestern San Diego pocket mouse	None/SSC/ Group 2/NCCP	Coastal sage scrub, grassland, sage scrub-grassland ecotones, sparse mixed and chamise chaparral; rocky and gravelly areas with yucca overstory, 500-3000 feet (8).	Low. Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains low to moderate quality habitat to support this species.
<i>Chaetodipus fallax pallidus</i>	Pallid San Diego pocket mouse	None/ SSC/ Group 2/NCCP	Coastal scrub, mixed chaparral, sagebrush, desert wash, desert scrub, desert succulent shrub, pinyon-juniper, and annual grassland. Along southern margins of Mojave Desert, along northern slopes of San Bernardino Mtns., western edge of Colorado Desert south to Baja California (5).	Moderate. CNDDDB lists no records of occurrence within 3 miles of the TL ROW, and the ROW lacks suitable habitat to support this species.

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Corynorhinus townsendii</i>	Townsend's big-eared bat	None/BLMS/ FSS/ SSC/ WBWG:H/ Group 2	Mesic habitats, gleans from brush or trees or feeds along habitat edges. Found in all habitats but subalpine and alpine throughout California (2).	Moderate. CNDDDB lists 3 records of occurrence within 3 miles of the TL ROW, and the ROW contains low to moderate quality suitable habitat.
<i>Dipodomys merriami collinus</i>	Earthquake Merriam's kangaroo rat	None/None	Occurs in desert scrub and alkali desert scrub, sagebrush, Joshua tree, and pinyon-juniper habitats in southern California. Prefers sparse to moderate canopy on fine to coarse sands, with or without surface pavement or gravel in the subsoil (2)	Low. Although CNDDDB lists no records of occurrence within 5 miles of the TL ROW, the ROW contains moderate quality suitable habitat to support this species (CDFW 2013)
<i>Dipodomys stephensi</i>	Stephens' kangaroo rat	FE/ ST/ Group 1/NCCP	Open habitat, grassland, sparse coastal sage scrub, sandy loam and loamy soils with low clay content; gentle slopes (<30%) and sparse vegetative cover. Found around San Jacinto Valley (2).	Low to moderate. Although suitable habitat exists within the ROW, CNDDDB lists no records of occurrence within 3 miles of the TL ROW, and this species was not found during focused surveys conducted by Chambers Group in 2010. No populations of Stephens' kangaroo rat have been reported for the southern parts of San Diego County south of the area of Ramona.
<i>Eumops perotis</i>	western mastiff bat	BLMS/ SSC/ WBWG:H/Group 2	Roosts in small colonies in cracks and small holes, seeming to prefer man-made structures. All subalpine and alpine habitats; 50-10,000 feet (8).	Moderate. CNDDDB lists 7 records of occurrence within 3 miles of the TL ROW, and the ROW contains low quality roosting habitat to support this species.

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Lasiurus blossevillii</i>	Western red bat	FSS/SSC/ WBWG:H/ Group 2	Prefers edges with trees for roosting and open areas for foraging. Roosts in woodlands and forests. Forages over grasslands, shrublands, woodlands, forests, and croplands. Found south of Shasta Co. to Mexican border, and west of the Sierra Nevada/Cascade crest. In winter, occupies coastal regions and lowlands south of San Francisco Bay (2).	Moderate. CNDDDB lists 3 records of occurrence within 3 miles of the TL ROW, and the ROW contains low quality roosting habitat to support this species.
<i>Lasiurus cinereus</i>	Hoary bat	None/None/WBWG:M	Habitats suitable for bearing young include all woodlands and forests with medium to large-size trees and dense foliage. Winters along the coast and in southern California, breeding inland and north of the winter range. (2)	Moderate. CNDDDB lists 5 records of occurrence within 3 miles of the TL ROW, and the ROW contains low quality roosting habitat to support this species.
<i>Lasiurus xanthinus</i>	Western yellow bat	None/SSC/WBWG:H	Uncommon in California, known only in Los Angeles and San Bernardino Co. south to the Mexican border. Recorded below 2000 ft in valley foothill riparian, desert riparian, desert wash, and palm oasis habitats. Roosts and feeds in, and near, palm oases and riparian habitats (2. This species occurs year-round in California. (2)	Moderate. CNDDDB lists 2 records of occurrence within 3 miles of the TL ROW, and the ROW contains low quality suitable habitat.
<i>Lepus californicus bennettii</i>	San Diego black-tailed jackrabbit	None/ SSC/ Group 2/NCCP	Arid habitats with open ground; grasslands, coastal sage scrub, agriculture, disturbed areas, rangelands in southern California (2, 4).	High. Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains low to moderate quality suitable habitat.

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Macrotus californicus</i>	California leaf-nosed bat	FSS/ BLMS/ SSC/ WBWG:H/ Group 2	Desert riparian, desert wash, desert scrub, desert succulent shrub, alkali desert scrub, and palm oasis. Found from Riverside, Imperial, San Diego, and San Bernardino Cos. south to Mexican border; fairly common along parts of Colorado River, elevation approximately 600m (2).	Low. CNDDDB lists no records of occurrence within 3 miles of the TL ROW. The ROW contains low to moderate quality suitable habitat to support this species.
<i>Myotis ciliolabrum</i>	Western small-footed myotis	BLMS/None/WBWG:M	Deserts, chaparral, riparian zones, western coniferous forest; most common above pinyon-juniper forest. Roost in caves, old mines, abandoned buildings (9).	Moderate. CNDDDB lists 7 records of occurrence within 3 miles of the TL ROW, and the ROW contains low quality roosting habitat to support this species.
<i>Myotis evotis</i>	Long-eared myotis	BLMS/None/WBWG:M	Roosts in buildings, crevices, under bark, and snags. Caves used as night roosts. Feeds along habitat edges, in open habitats, and over water. Occurs primarily along entire coast and in Sierra Nevada, Cascades, Great Basin, and 0-2700 m (2).	Moderate. CNDDDB lists 3 records of occurrence within 3 miles of the TL ROW, and the ROW contains low quality roosting habitat to support this species.
<i>Myotis volans</i>	Long-legged myotis	None/None/WBWG:H	Occupies woodland and forest habitats over 1200m. Feeds over open water and over open habitats such as chaparral and coastal scrub, using denser woodlands and forests for cover and reproduction. Roosts in rock crevices, buildings, under tree bark, in snags, mines, caves. Found in coastal ranges, Cascade/Sierra Nevada ranges, Great Basin, and ranges in Mojave Desert (2).	Low. Although CNDDDB lists no records of occurrence within 5 miles of the TL ROW, the ROW contains moderate quality suitable habitat to support this species (CDFW 2013)
<i>Myotis yumanensis</i>	Yuma myotis	BLMS/None/WBWG:LM	Closely tied to open water which is used for foraging; open forests and woodlands are optimal habitat throughout California, 0-3300m (2).	Low. CNDDDB lists 6 records of occurrence within 3 miles of the TL ROW, and the ROW contains low quality suitable habitat to support this species.

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Neotoma lepida intermedia</i>	San Diego desert woodrat	None/ SSC/ Group 2/NCCP	Joshua tree, pinyon-juniper, mixed and chamise-redshank chaparral, sagebrush, and most desert habitats. Found south of San Luis Obispo Co. to San Diego Co. and San Bernardino and Riverside Cos., 0-2600m (2, 4).	Moderate. Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains moderate quality suitable habitat to support this species.
<i>Nyctinomops femorosaccus</i>	Pocketed free-tailed bat	None/ SSC/ WBWG:M/ Group 2	Rocky desert areas with high cliffs or rock outcrops. Pinyon-juniper woodlands, desert scrub, desert succulent shrub, desert riparian, desert wash, alkali desert scrub, Joshua tree, palm oasis in Riverside, San Diego, Imperial Cos. (2).	Low. CNDDDB lists 6 records of occurrence within 3 miles of the TL ROW, the ROW contains low quality roosting habitat to support this species.
<i>Nyctinomops macrotis</i>	Big free-tailed bat	None/ SSC/ WBWG:MH/ Group 2	Rugged, rocky canyons in Riverside, Los Angeles, and San Diego Cos., but scattered records across California to Oakland (2, 5).	Moderate. CNDDDB lists 2 records of occurrence within 3 miles of the TL ROW, and the ROW contains low quality roosting habitat to support this species.
<i>Odocoileus hemionus fuliginata</i> (game species)	Southern mule deer	None/ None/ Group 2/MIS (healthy diverse habitats)/NCCP	Coastal sage scrub, chaparral, riparian, woodlands, forest; often browses in open areas adjacent to cover throughout California, except deserts and intensely farmed areas (2).	High. Although CNDDDB lists no records of occurrence, the ROW contains moderate quality suitable habitat to support this species (CDFW 2013)
<i>Onychomys torridus ramona</i>	Southern grasshopper mouse	None/ SSC/ Group 2/NCCP	Alkali desert scrub and other desert scrub habitats, sparse coastal scrub, especially with friable soils for digging in Mojave Desert and southern Central Valley (2).	Low. Although CNDDDB lists no records of occurrence within 3 miles of the TL ROW, the ROW contains low quality suitable habitat to support this species.
<i>Perognathus longimembris brevinasus</i>	Los Angeles Pocket Mouse	FSS/SSC /NCCP	Grassland, coastal sage scrub, disturbed habitats; fine, sandy soils with sparse vegetation from San Fernando Valley to San Bernardino, and to Hemet and Aguanga (6).	Low. Although CNDDDB lists no records of occurrence within 5 miles of the TL ROW, the ROW contains moderate quality suitable habitat to support this species (CDFW 2013)

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Perognathus longimembris internationalis</i>	Jacumba pocket mouse	None/ SSC/ Group 2/NCCP	Desert riparian, desert scrub, desert wash, coastal scrub, and sagebrush in San Diego and Riverside Cos. (2, 5).	Moderate. Although CNDDDB lists no records of occurrence within 5 miles of the TL ROW, the ROW contains moderate quality suitable habitat to support this species (CDFW 2013)
<i>Perognathus longimembris pacificus</i>	Pacific pocket mouse	FE/ SSC/ Group 1/NCCP	Coastal dunes, river alluvium, coastal sage scrub with firm sandy soils; along immediate coast in San Diego, Orange, and Los Angeles Cos. (4, 5).	Absent. CNDDDB lists no records of occurrence within 5 miles of the TL ROW and the ROW is out of this species habitat range (CDFW 2013)
<i>Puma [=Felis] concolor</i>	Mountain lion	None/ None/ Group 2/MIS (fragmentation)/NCCP	Coastal sage scrub, chaparral, riparian, woodlands, forest; rests in rocky areas, and on cliffs and ledges that provide cover. Most abundant in riparian areas and brushy stages of most habitats throughout California except deserts (2).	High. Although CNDDDB lists no records of occurrence and the ROW contains moderate quality suitable habitat to support this species (CDFW 2013)
<i>Taxidea taxu</i>	American badger	None/ SSC/ Group 2/NCCP	Dry, open treeless areas, grasslands, coastal sage scrub, especially with friable soils throughout California (2).	Moderate. CNDDDB lists 3 records of occurrence within 3 miles of the TL ROW, the closest being approximately 0.5 mile from the ROW. In addition, the ROW contains moderate quality suitable habitat to support this species.
<i>Ovis canadensis nelsoni</i> DPS (Distinct Population Segment)	Peninsular bighorn sheep	FE/ST/FP	Found in a variety of habitats including alpine, alpine dwarf scrub, chaparral, chenopod scrub, great basin scrub, mojavean desert scrub, montane dwarf scrub, pinon & juniper woodlands, riparian woodland, and sonoran desert scrub (17). Occur in desert mountain ranges from White Mts. of Mono and Inyo Counties., south to San Bernardino Mts., thence southeastward to the Mexican border. An isolated population occurs in the San Gabriel Mts (2).	Very low. CNDDDB lists no records of occurrence within 5 miles of the TL ROW and the ROW is out of this species habitat range (CDFW 2013)

Appendix 1-B: Sensitive Wildlife Species Observed or with the Potential to Occur

Sensitive Wildlife Species Observed or with the Potential to Occur				
Species	Common Name	Special Status ¹	Habitat	Potential to Occur/Comments ²
<i>Bassariscus astutus</i>	Ringtail	FP/Group 2	widely distributed permanent resident in California; found in a variety of riparian, forest, and shrub habitats at low to middle elevations near permanent water sources; feeds on small mammals, birds, reptiles, invertebrates, fruits and nuts (CDFW 2005).	Moderate. CNDDDB lists no records for this species, however suitable habitat exists within the riparian community that crosses TL 637 ROW and this species has been detected within the riparian habitat . No work is proposed in this area of suitable habitat (SDG&E pers. comm.).

Source: SDG&E 2013; Chambers Group 2012; CDFW 2013; SDG&E 1995; Cleveland National Forest Sensitive Species List (Winters, pers. comm. 2013)

SDG&E NATURAL COMMUNITY CONSERVATION PLAN

NCCP = COVERED SPECIES

NE = Narrow endemic

RSS = Regionally sensitive species

FEDERAL/STATE LISTED

FE = Federally listed endangered

FSS = Federal (USFWS) sensitive species

FT = Federally listed threatened

SE = State listed endangered

ST = State listed threatened

OTHER

BCC = U.S. Fish and Wildlife Service Birds of Conservation Concern species

CFP = California fully protected species

SSC = CDFW Species of Special Concern

WL = CDFW Watch List

* = Taxa listed with an asterisk fall into one or more of the following categories:

Taxa considered endangered or rare under Section 15380(d) of CEQA Guidelines

Taxa that are biologically rare, very restricted in distribution, or declining throughout their range

Population(s) in California that may be peripheral to the major portion of a taxon's range, but which are threatened with extirpation within California

Taxa closely associated with a habitat that is declining in California at an alarming rate (e.g., wetlands, riparian, old growth forests, desert aquatic systems, native grasslands)

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