

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Status: Species of Concern

Common Name: Conservancy fairy shrimp
Status: Endangered

Scientific Name: *Branchinecta conservatio*

Group: Ferns and Allies

Common Name: Crater Lake grap fern
Status: Species of Concern

Scientific Name: *Botrychium pumicola nealleyi*

Common Name: No common name
Status: Species of Concern

Scientific Name: *Botrychium crenulatum*

Group: Fishes

Common Name: Rough sculpin
Status: Species of Concern

Scientific Name: *Cottus asperimus*

Common Name: Kern River rainbow trout
Status: Species of Concern

Scientific Name: *Oncorhynchus mykiss gilberti*

Common Name: Steelhead
Status: Endangered

Scientific Name: *Oncorhynchus (=Salmo) mykiss*

Common Name: Goose Lake redband trout
Status: Species of Concern

Scientific Name: *Oncorhynchus mykiss ssp.*

Common Name: Eagle Lake rainbow Trout
Status: Under Review

Scientific Name: *Oncorhynchus mykiss aquilarum*

Common Name: Flannelmouth sucker
Status: Species of Concern

Scientific Name: *Catostomus latipinnis*

Common Name: Steelhead
Status: Under Review

Scientific Name: *Oncorhynchus (=Salmo) mykiss*

Common Name: longfin smelt
Status: Candidate

Scientific Name: *Spirinchus thaleichthys*

Common Name: Benton Valley speckled dace
Status: Species of Concern

Scientific Name: *Rhinichthys osculus ssp.*

Common Name: Jenny Creek sucker
Status: Species of Concern

Scientific Name: *Catostomus rimiculus ssp.*

Common Name: Arroyo chub
Status: Species of Concern

Scientific Name: *Gila orcuttii*

Common Name: Steelhead
Status: Threatened

Scientific Name: *Oncorhynchus (=Salmo) mykiss*

Common Name: Owens speckled dace
Status: Species of Concern

Scientific Name: *Rhinichthys osculus ssp.*

Common Name: Red Hills roach
Status: Species of Concern

Scientific Name: *Lavinia symmetricus ssp.*

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Santa Ana speckled dace Status: Species of Concern	Scientific Name: <i>Rhinichthys osculus</i> ssp.
Common Name: Shoshone pupfish Status: Species of Concern	Scientific Name: <i>Cyprinodon nevadensis shoshone</i>
Common Name: Long Valley speckled dace Status: Species of Concern	Scientific Name: <i>Rhinichthys osculus</i> ssp.
Common Name: Klamath largescale sucker Status: Species of Concern	Scientific Name: <i>Catostomus snyderi</i>
Common Name: Goose Lake sucker Status: Species of Concern	Scientific Name: <i>Catostomus occidentalis lacusanserinus</i>
Common Name: Sacramento perch Status: Species of Concern	Scientific Name: <i>Archoplites interruptus</i>
Common Name: green sturgeon Status: Threatened	Scientific Name: <i>Acipenser medirostris</i>
Common Name: Pit roach Status: Species of Concern	Scientific Name: <i>Lavinia symmetricus mitrulus</i>
Common Name: Warner Valley redband trout Status: Species of Concern	Scientific Name: <i>Oncorhynchus mykiss</i> ssp.
Common Name: Amargosa Canyon speckled dace Status: Species of Concern	Scientific Name: <i>Rhinichthys osculus</i> ssp.
Common Name: Russian River tule perch Status: Species of Concern	Scientific Name: <i>Hysterocarpus traskii</i> pomo
Common Name: Goose Lake lamprey Status: Species of Concern	Scientific Name: <i>Lampetra tridentata</i> ssp.
Common Name: Gualala roach Status: Species of Concern	Scientific Name: <i>Lavinia symmetricus parvipinnis</i>
Group: Flowering Plants	
Common Name: Marin dwarf-flax Status: Threatened	Scientific Name: <i>Hesperolinon congestum</i>
Common Name: Fleshy owl's-clover Status: Threatened	Scientific Name: <i>Castilleja campestris</i> ssp. <i>succulenta</i>
Common Name: Pine Hill ceanothus Status: Endangered	Scientific Name: <i>Ceanothus roderickii</i>
Common Name: Hoover's spurge Status: Threatened	Scientific Name: <i>Chamaesyce hooveri</i>
Common Name: Suisun thistle Status: Endangered	Scientific Name: <i>Cirsium hydrophilum</i> var. <i>hydrophilum</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Vine Hill clarkia Status: Endangered	Scientific Name: <i>Clarkia imbricata</i>
Common Name: Soft bird's-beak Status: Endangered	Scientific Name: <i>Cordylanthus mollis</i> ssp. <i>mollis</i>
Common Name: Baker's larkspur Status: Endangered	Scientific Name: <i>Delphinium bakeri</i>
Common Name: Yellow larkspur Status: Endangered	Scientific Name: <i>Delphinium luteum</i>
Common Name: lone (incl. Irish Hill) buckwheat Status: Endangered	Scientific Name: <i>Eriogonum apricum</i> (incl. var. <i>prostratum</i>)
Common Name: Pine Hill flannelbush Status: Endangered	Scientific Name: <i>Fremontodendron californicum</i> ssp. <i>decumbens</i>
Common Name: El Dorado bedstraw Status: Endangered	Scientific Name: <i>Galium californicum</i> ssp. <i>sierrae</i>
Common Name: Sebastopol meadowfoam Status: Endangered	Scientific Name: <i>Limnanthes vinculans</i>
Common Name: San Joaquin Orcutt grass Status: Threatened	Scientific Name: <i>Orcuttia inaequalis</i>
Common Name: Sacramento Orcutt grass Status: Endangered	Scientific Name: <i>Orcuttia viscida</i>
Common Name: Pitkin Marsh lily Status: Endangered	Scientific Name: <i>Lilium pardalinum</i> ssp. <i>pitkinense</i>
Common Name: Few-flowered navarretia Status: Endangered	Scientific Name: <i>Navarretia leucocephala</i> ssp. <i>pauciflora</i> (=N. <i>pauciflora</i>)
Common Name: Many-flowered navarretia Status: Endangered	Scientific Name: <i>Navarretia leucocephala</i> ssp. <i>plieantha</i>
Common Name: Colusa grass Status: Threatened	Scientific Name: <i>Neostapfia colusana</i>
Common Name: Hairy Orcutt grass Status: Endangered	Scientific Name: <i>Orcuttia pilosa</i>
Common Name: Lake County stonecrop Status: Endangered	Scientific Name: <i>Parvisedum leiocarpum</i>
Common Name: Calistoga allocarya Status: Endangered	Scientific Name: <i>Plagiobothrys strictus</i>
Common Name: Napa bluegrass Status: Endangered	Scientific Name: <i>Poa napensis</i>
Common Name: Hartweg's golden sunburst	Scientific Name: <i>Pseudobahia bahiifolia</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Status: Endangered

Common Name: San Joaquin adobe sunburst
Status: Threatened

Scientific Name: *Pseudobahia peirsonii*

Common Name: Layne's butterweed
Status: Threatened

Scientific Name: *Senecio layneae*

Common Name: Keck's Checker-mallow
Status: Endangered

Scientific Name: *Sidalcea keckii*

Common Name: Kenwood Marsh checker-mallow
Status: Endangered

Scientific Name: *Sidalcea oregana* ssp. *valida*

Common Name: Metcalf Canyon jewelflower
Status: Endangered

Scientific Name: *Streptanthus albidus* ssp. *albidus*

Common Name: Presidio Manzanita
Status: Endangered

Scientific Name: *Arctostaphylos hookeri* var. *ravenii*

Common Name: Sonoma sunshine
Status: Endangered

Scientific Name: *Blennosperma bakeri*

Common Name: Tiburon mariposa lily
Status: Threatened

Scientific Name: *Calochortus tiburonensis*

Common Name: Coyote ceanothus
Status: Endangered

Scientific Name: *Ceanothus ferrisiae*

Common Name: Sonoma spineflower
Status: Endangered

Scientific Name: *Chorizanthe valida*

Common Name: Tiburon jewelflower
Status: Endangered

Scientific Name: *Streptanthus niger*

Common Name: Hidden Lake bluecurls
Status: Threatened

Scientific Name: *Trichostema austromontanum* ssp. *compactum*

Common Name: Fountain thistle
Status: Endangered

Scientific Name: *Cirsium fontinale* var. *fontinale*

Common Name: Presidio clarkia
Status: Endangered

Scientific Name: *Clarkia franciscana*

Common Name: Palmate-bracted bird's beak
Status: Endangered

Scientific Name: *Cordylanthus palmatus*

Common Name: Tiburon paintbrush
Status: Endangered

Scientific Name: *Castilleja affinis* ssp. *neglecta*

Common Name: Sonoma alopecurus
Status: Endangered

Scientific Name: *Alopecurus aequalis* var. *sonomensis*

Common Name: lone manzanita
Status: Threatened

Scientific Name: *Arctostaphylos myrtifolia*

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Pallid manzanita Status: Threatened	Scientific Name: <i>Arctostaphylos pallida</i>
Common Name: Solano grass Status: Endangered	Scientific Name: <i>Tuctoria mucronata</i>
Common Name: San Mateo thornmint Status: Endangered	Scientific Name: <i>Acanthomintha obovata</i> ssp. <i>duttonii</i>
Common Name: Clara Hunt's milk-vetch Status: Endangered	Scientific Name: <i>Astragalus clarianus</i>
Common Name: Chinese Camp brodiaea Status: Threatened	Scientific Name: <i>Brodiaea pallida</i>
Common Name: Mariposa pussypaws Status: Threatened	Scientific Name: <i>Calyptridium pulchellum</i>
Common Name: Stebbins' morning-glory Status: Endangered	Scientific Name: <i>Calystegia stebbinsii</i>
Common Name: White sedge Status: Endangered	Scientific Name: <i>Carex albida</i>
Common Name: Santa Clara Valley dudleya Status: Endangered	Scientific Name: <i>Dudleya setchellii</i>
Common Name: Island tree poppy Status: Species of Concern	Scientific Name: <i>Dendromecon rigida rhamnoides</i>
Common Name: Northcoast birds-beak Status: Species of Concern	Scientific Name: <i>Cordylanthus maritimus palustris</i>
Common Name: Loch Lomond coyote thistle Status: Endangered	Scientific Name: <i>Eryngium constancei</i>
Common Name: Red Hills vervain Status: Threatened	Scientific Name: <i>Verbena californica</i>
Common Name: San Francisco lessingia Status: Endangered	Scientific Name: <i>Lessingia germanorum</i> (=L.g. var. <i>germanorum</i>)
Common Name: Payson's jewelflower Status: Species of Concern	Scientific Name: <i>Caulanthus simulans</i>
Common Name: Santa Barbara false-lupine Status: Species of Concern	Scientific Name: <i>Thermopsis macrophylla agnina</i>
Common Name: Beaked clarkia Status: Species of Concern	Scientific Name: <i>Clarkia rostrata</i>
Common Name: Boundary Peak rock-cress Status: Species of Concern	Scientific Name: <i>Boechera pinzliae</i>
Common Name: Island jepsonia Status: Species of Concern	Scientific Name: <i>Jepsonia malvifolia</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Channel Island tree poppy Status: Species of Concern	Scientific Name: <i>Dendromecon rigida</i> ssp. <i>harfordii</i>
Common Name: Springville clarkia Status: Threatened	Scientific Name: <i>Clarkia springvillensis</i>
Common Name: Pennell's bird's-beak Status: Endangered	Scientific Name: <i>Cordylanthus tenuis</i> ssp. <i>capillaris</i>
Common Name: Hollisteria Status: Species of Concern	Scientific Name: <i>Hollisteria lanata</i>
Common Name: Tuolumne fawn-lily Status: Species of Concern	Scientific Name: <i>Erythronium tuolumnense</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Holocarpha virgata elongata</i>
Common Name: Peirson's spring beauty Status: Species of Concern	Scientific Name: <i>Claytonia lanceolata peirsonii</i>
Common Name: Hispid birds-beak Status: Species of Concern	Scientific Name: <i>Cordylanthus mollis hispidus</i>
Common Name: Wart-stemmed ceanothus Status: Species of Concern	Scientific Name: <i>Ceanothus verrucosus</i>
Common Name: Oso manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos osoensis</i>
Common Name: Dudley's lousewort Status: Species of Concern	Scientific Name: <i>Pedicularis dudleyi</i>
Common Name: Pierpoint Springs liveforever Status: Species of Concern	Scientific Name: <i>Dudleya cymosa costifolia</i>
Common Name: Mono milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus monoensis monoensis</i>
Common Name: Kern mallow Status: Endangered	Scientific Name: <i>Eremalche kernensis</i>
Common Name: San Mateo woolly sunflower Status: Endangered	Scientific Name: <i>Eriophyllum latilobum</i>
Common Name: Long-petaled lewisia Status: Species of Concern	Scientific Name: <i>Lewisia longipetala</i>
Common Name: Monterey manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos montereyensis</i>
Common Name: [Unnamed] checkermallow Status: Species of Concern	Scientific Name: <i>Sidalcea malvaeflora patula</i>
Common Name: Howe's hedgehog cactus Status: Species of Concern	Scientific Name: <i>Echinocereus engelmannii howei</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Tuolumne coyote-thistle Status: Species of Concern	Scientific Name: <i>Eryngium pinnatisectum</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Lessingia micradenia micradenia</i>
Common Name: Santa Catalina Island manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos catalinae</i>
Common Name: Cuyamaca raspberry Status: Species of Concern	Scientific Name: <i>Rubus glaucifolius ganderi</i>
Common Name: [Unnamed] milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus lentiformis</i>
Common Name: Brandegee eriastrum Status: Species of Concern	Scientific Name: <i>Eriastrum brandegeae</i>
Common Name: San Clemente Island brodiaea Status: Species of Concern	Scientific Name: <i>Triteleia clementina</i>
Common Name: Summer-holly Status: Species of Concern	Scientific Name: <i>Comarostaphylis diversifolia diversifolia</i>
Common Name: Borrego Valley peppergrass Status: Species of Concern	Scientific Name: <i>Lepidium flavum felipense</i>
Common Name: Ahart's dwarf rush Status: Species of Concern	Scientific Name: <i>Juncus leiospermus var. ahartii</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Chorizanthe polygonoides longispina</i>
Common Name: San Francisco wallflower Status: Species of Concern	Scientific Name: <i>Erysimum franciscanum</i>
Common Name: Diablo rock-rose Status: Species of Concern	Scientific Name: <i>Helianthella castanea</i>
Common Name: Carmel Valley malacothrix Status: Species of Concern	Scientific Name: <i>Malacothrix saxatilis arachnoidea</i>
Common Name: Lupine, San Mateo tre Status: Species of Concern	Scientific Name: <i>Lupinus arboreus eximius</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Dendrographa leucophaea</i>
Common Name: Butte County meadowfoam Status: Endangered	Scientific Name: <i>Limnanthes floccosa ssp. californica</i>
Common Name: Bakersfield cactus Status: Endangered	Scientific Name: <i>Opuntia treleasei</i>
Common Name: Klamath manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos klamathensis</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Laguna Mountains aster Status: Species of Concern	Scientific Name: <i>Machaeranthera asteroides lagunensis</i>
Common Name: Heart-leaved pitcher-sage Status: Species of Concern	Scientific Name: <i>Lepechinia cardiophylla</i>
Common Name: Caper-fruited tropidocarpum Status: Species of Concern	Scientific Name: <i>Tropidocarpum capparideum</i>
Common Name: Santiago Peak phacelia Status: Species of Concern	Scientific Name: <i>Phacelia suaveolens keckii</i>
Common Name: Panamint daisy Status: Species of Concern	Scientific Name: <i>Enceliopsis covillei</i>
Common Name: Shasta River mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus monanthus</i>
Common Name: Jaeger's bush milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus pachypus jaegeri</i>
Common Name: Mouse buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum nudum murinum</i>
Common Name: Ashy phacelia Status: Species of Concern	Scientific Name: <i>Phacelia distans</i>
Common Name: Little mousetail Status: Species of Concern	Scientific Name: <i>Myosurus minimus apus</i>
Common Name: Orcutt's dudleya Status: Species of Concern	Scientific Name: <i>Dudleya attenuata orcuttii</i>
Common Name: Star-fruited, small stonecrop Status: Species of Concern	Scientific Name: <i>Sedum radiatum depauperatum</i>
Common Name: Bodie Hills draba Status: Species of Concern	Scientific Name: <i>Cusickiella quadricostata</i>
Common Name: Pappose spikeweed Status: Species of Concern	Scientific Name: <i>Hemizonia parryi congonii</i>
Common Name: Hoover's rosinweed Status: Species of Concern	Scientific Name: <i>Calycadenia hooveri</i>
Common Name: Glandular dwarf-flax Status: Species of Concern	Scientific Name: <i>Hesperolinon adenophyllum</i>
Common Name: Otay lotus Status: Species of Concern	Scientific Name: <i>Lotus crassifolius otayensis</i>
Common Name: Kingston Mountains cinquefoil Status: Species of Concern	Scientific Name: <i>Ivesia patellifera</i>
Common Name: Bear Valley wooly-pod Status: Species of Concern	Scientific Name: <i>Astragalus leucolobus</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Bellinger's meadowfoam Status: Species of Concern	Scientific Name: <i>Limnanthes floccosa bellingeriana</i>
Common Name: San Clemente Island milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus nevinii</i>
Common Name: Bear Valley pyrrocoma Status: Species of Concern	Scientific Name: <i>Pyrrocoma uniflora gossypina</i>
Common Name: Munz's mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus palmeri munzii</i>
Common Name: Orcutt's linanthus Status: Species of Concern	Scientific Name: <i>Linanthus orcuttii</i>
Common Name: Tiburon tarweed Status: Species of Concern	Scientific Name: <i>Hemizonia multicaulis vernalis</i>
Common Name: Warner Springs lessingia Status: Species of Concern	Scientific Name: <i>Lessingia glandulifera tomentosa</i>
Common Name: Descanso milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus oocarpus</i>
Common Name: Klamath gentian Status: Species of Concern	Scientific Name: <i>Gentiana plurisetosa</i>
Common Name: Little San Bernardino Mountains gilia Status: Species of Concern	Scientific Name: <i>Gilia maculata</i>
Common Name: Mono Lake lupine Status: Species of Concern	Scientific Name: <i>Lupinus duranii</i>
Common Name: Suisun aster Status: Species of Concern	Scientific Name: <i>Aster chilensis lentus</i>
Common Name: Kruckeberg's jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus morrisonii kruckebergii</i>
Common Name: Ferris' milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus tener var. ferrisae</i>
Common Name: Salinas Valley popcornflower Status: Species of Concern	Scientific Name: <i>Plagiobothrys uncinatus</i>
Common Name: Twisselmann's nemacladus Status: Species of Concern	Scientific Name: <i>Nemacladus twisselmannii</i>
Common Name: Orange lupine Status: Species of Concern	Scientific Name: <i>Lupinus citrinus</i>
Common Name: Cuesta Pass sidalcea Status: Species of Concern	Scientific Name: <i>Sidalcea hickmanii anomala</i>
Common Name: San Francisco popcornflower Status: Species of Concern	Scientific Name: <i>Plagiobothrys torreyi var. diffusus</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Catalina ironwood Status: Species of Concern	Scientific Name: <i>Lyonothamnus floribundus floribundus</i>
Common Name: Orcutt's brodiaea Status: Species of Concern	Scientific Name: <i>Brodiaea orcuttii</i>
Common Name: Parry's horkelia Status: Species of Concern	Scientific Name: <i>Horkelia parryi</i>
Common Name: Panamint Mountains lupine Status: Species of Concern	Scientific Name: <i>Lupinus magnificus magnificus</i>
Common Name: Mono Hot Springs evening-primrose Status: Species of Concern	Scientific Name: <i>Camissonia sierrae alticola</i>
Common Name: Forked fiddleneck Status: Species of Concern	Scientific Name: <i>Amsinckia vernicosa furcata</i>
Common Name: Jaeger's caulostramina Status: Species of Concern	Scientific Name: <i>Caulostramina jaegeri</i>
Common Name: San Bernardino butterweed Status: Species of Concern	Scientific Name: <i>Packera bernardina</i>
Common Name: Island tree mallow Status: Species of Concern	Scientific Name: <i>Lavatera assurgentiflora</i>
Common Name: Wedge-leaved horkelia Status: Species of Concern	Scientific Name: <i>Horkelia cuneata sericea</i>
Common Name: Arroyo Seco bush-mallow Status: Species of Concern	Scientific Name: <i>Malacothamnus palmeri lucianus</i>
Common Name: Sand mesa manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos rudis</i>
Common Name: Sonoma ceanothus Status: Species of Concern	Scientific Name: <i>Ceanothus sonomensis</i>
Common Name: Santa Lucia manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos luciana</i>
Common Name: Refugio manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos refugioensis</i>
Common Name: Donner Pass buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum umbellatum torreyanum</i>
Common Name: Orcutt's bird's-beak Status: Species of Concern	Scientific Name: <i>Cordylanthus orcuttianus</i>
Common Name: Piute buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum breedlovei breedlovei</i>
Common Name: San Bernardino Mountains dudleya Status: Species of Concern	Scientific Name: <i>Dudleya abramsii affinis</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Dwarf goldenstar Status: Species of Concern	Scientific Name: <i>Bloomeria humilis</i>
Common Name: Ojai fritillary Status: Species of Concern	Scientific Name: <i>Fritillaria ojaiensis</i>
Common Name: Humboldt Bay owl's clover Status: Species of Concern	Scientific Name: <i>Castilleja ambigua humboldtiensis</i>
Common Name: Prostrate hosackia Status: Species of Concern	Scientific Name: <i>Lotus nuttallianus</i>
Common Name: San Luis Obispo monardella Status: Species of Concern	Scientific Name: <i>Monardella frutescens</i>
Common Name: Closed-lip beardtongue Status: Species of Concern	Scientific Name: <i>Penstemon personatus</i>
Common Name: Velvety false-lupine Status: Species of Concern	Scientific Name: <i>Thermopsis macrophylla semota</i>
Common Name: Nuttall's scrub oak Status: Species of Concern	Scientific Name: <i>Quercus dumosa</i>
Common Name: San Gabriel manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos gabrielensis</i>
Common Name: Hanaupah laphamia Status: Species of Concern	Scientific Name: <i>Perityle villosa</i>
Common Name: Seaside, Coulter's daisy Status: Species of Concern	Scientific Name: <i>Lasthenia glabrata coulteri</i>
Common Name: Sp. nov. ined. (chaparral) beargrass Status: Species of Concern	Scientific Name: <i>Nolina</i> sp.
Common Name: Palmer's mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus palmeri palmeri</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Ivesia longibracteata</i>
Common Name: Ertter's milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus ertterae</i>
Common Name: Heartscale Status: Species of Concern	Scientific Name: <i>Atriplex cordulata</i>
Common Name: Mt. Eddy draba Status: Species of Concern	Scientific Name: <i>Draba carnosula</i>
Common Name: Shirley Meadows mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus westonii</i>
Common Name: Candleholder dudleya Status: Species of Concern	Scientific Name: <i>Dudleya candelabrum</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Santa Cruz gooseberry Status: Species of Concern	Scientific Name: <i>Ribes thacherianum</i>
Common Name: Munz cholla Status: Species of Concern	Scientific Name: <i>Opuntia munzii</i>
Common Name: Lakeside ceanothus Status: Species of Concern	Scientific Name: <i>Ceanothus cyaneus</i>
Common Name: Point Reyes meadowfoam Status: Species of Concern	Scientific Name: <i>Limnanthes douglasii sulphurea</i>
Common Name: Los Angeles sunflower Status: Species of Concern	Scientific Name: <i>Helianthus nuttallii parishii</i>
Common Name: Howell's lewisia Status: Species of Concern	Scientific Name: <i>Lewisia cotyledon howellii</i>
Common Name: Santa Barbara Island cream cups Status: Species of Concern	Scientific Name: <i>Platystemon californicus ciliatus</i>
Common Name: Island snapdragon Status: Species of Concern	Scientific Name: <i>Gambelia speciosa</i>
Common Name: Adobe sanicle Status: Species of Concern	Scientific Name: <i>Sanicula maritima</i>
Common Name: Nissenan manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos nissenana</i>
Common Name: Parish's rock-cress Status: Species of Concern	Scientific Name: <i>Arabis parishii</i>
Common Name: Tiehm's rock-cress Status: Species of Concern	Scientific Name: <i>Arabis tiehmii</i>
Common Name: Yosemite woolly-sunflower Status: Species of Concern	Scientific Name: <i>Eriophyllum nubigenum</i>
Common Name: Jones layia Status: Species of Concern	Scientific Name: <i>Layia jonesii</i>
Common Name: White bear desert-poppy Status: Species of Concern	Scientific Name: <i>Arctomecon merriamii</i>
Common Name: Panamint dudleya Status: Species of Concern	Scientific Name: <i>Dudleya saxosa saxosa</i>
Common Name: Dunn's mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus dunnii</i>
Common Name: California dissantherium Status: Species of Concern	Scientific Name: <i>Dissantherium californicum</i>
Common Name: Temblor buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum temblorense</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Shaw's agave Status: Species of Concern	Scientific Name: <i>Agave shawii</i>
Common Name: Pickering ivesia Status: Species of Concern	Scientific Name: <i>Ivesia pickeringii</i>
Common Name: Forked buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum bifurcatum</i>
Common Name: San Bernardino rock-cress Status: Species of Concern	Scientific Name: <i>Arabis breweri pecuniaria</i>
Common Name: Butterworth's buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum butterworthianum</i>
Common Name: Borrego aster Status: Species of Concern	Scientific Name: <i>Xylorhiza orcuttii</i>
Common Name: The Lassics lupine Status: Species of Concern	Scientific Name: <i>Lupinus constancei</i>
Common Name: Giant spanishneedle Status: Species of Concern	Scientific Name: <i>Palafoxia arida gigantea</i>
Common Name: San Clemente island bedstraw Status: Species of Concern	Scientific Name: <i>Galium catalinense acrispum</i>
Common Name: Pecho manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos pechoensis</i>
Common Name: Lavin's milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus oophorus lavinii</i>
Common Name: Tahquitz ivesia Status: Species of Concern	Scientific Name: <i>Ivesia callida</i>
Common Name: Adder's-mouth Status: Species of Concern	Scientific Name: <i>Malaxis brachypoda</i>
Common Name: Black-flowered figwort Status: Species of Concern	Scientific Name: <i>Scrophularia atrata</i>
Common Name: Indian Valley brodiaea Status: Species of Concern	Scientific Name: <i>Brodiaea coronaria rosea</i>
Common Name: Alkali mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus striatus</i>
Common Name: Franciscan manzanita Status: Endangered	Scientific Name: <i>Arctostaphylos franciscana</i>
Common Name: Coast lily Status: Species of Concern	Scientific Name: <i>Lilium maritimum</i>
Common Name: Mt. Gleason paintbrush Status: Species of Concern	Scientific Name: <i>Castilleja gleasonii</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Gander's pitcher-sage Status: Species of Concern	Scientific Name: <i>Lepechinia ganderi</i>
Common Name: Mt. Tamalpais thistle Status: Species of Concern	Scientific Name: <i>Cirsium hydrophilum vaseyi</i>
Common Name: Greene's mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus greenei</i>
Common Name: Yellow-tubered toothwort Status: Species of Concern	Scientific Name: <i>Cardamine nuttallii</i>
Common Name: Mendocino bush-mallow Status: Species of Concern	Scientific Name: <i>Malacothamnus mendocinensis</i>
Common Name: Mono phacelia Status: Species of Concern	Scientific Name: <i>Phacelia monoensis</i>
Common Name: Butte County catchfly Status: Species of Concern	Scientific Name: <i>Silene occidentalis longistipitata</i>
Common Name: Barton Flats horkelia Status: Species of Concern	Scientific Name: <i>Horkelia wilderae</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Ivesia jaegeri</i>
Common Name: Rusby's desert-mallow Status: Species of Concern	Scientific Name: <i>Sphaeralcea rusbyi eremicola</i>
Common Name: Oregon fireweed Status: Species of Concern	Scientific Name: <i>Epilobium oreganum</i>
Common Name: Pallid birds-beak Status: Species of Concern	Scientific Name: <i>Cordylanthus tenuis pallescens</i>
Common Name: San Clemente Island evening-primrose Status: Species of Concern	Scientific Name: <i>Camissonia guadalupensis clementina</i>
Common Name: Carmel Valley bush-mallow Status: Species of Concern	Scientific Name: <i>Malacothamnus palmeri involucreatus</i>
Common Name: Coast wallflower Status: Species of Concern	Scientific Name: <i>Erysimum ammophilum</i>
Common Name: Hutchinson's delphinium Status: Species of Concern	Scientific Name: <i>Delphinium hutchinsonae</i>
Common Name: Olay manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos otayensis</i>
Common Name: Jacumba milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus douglasii perstrictus</i>
Common Name: Santa Susana tarweed Status: Species of Concern	Scientific Name: <i>Hemizonia minthornii</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Santa Lucia pogogyne Status: Species of Concern	Scientific Name: Pogogyne clareana
Common Name: Moreno currant Status: Species of Concern	Scientific Name: Ribes canthariforme
Common Name: Pine City stonecrop Status: Species of Concern	Scientific Name: Sedum pinetorum
Common Name: [Unnamed] milk-vetch Status: Species of Concern	Scientific Name: Astragalus tegetarioides
Common Name: Cienega Seca oxytheca Status: Species of Concern	Scientific Name: Oxytheca parishii ciengensis
Common Name: Tracy's sanicle Status: Species of Concern	Scientific Name: Sanicula tracyi
Common Name: Tulare horkelia Status: Species of Concern	Scientific Name: Horkelia tularensis
Common Name: Palmer's haplopappus Status: Species of Concern	Scientific Name: Haplopappus palmeri palmeri
Common Name: Northcoast semaphore grass Status: Species of Concern	Scientific Name: Pleuropogon hooverianus
Common Name: Mt. Hamilton jewelflower Status: Species of Concern	Scientific Name: Streptanthus callistus
Common Name: Recurved larkspur Status: Species of Concern	Scientific Name: Delphinium recurvatum
Common Name: Hospital Canyon larkspur Status: Species of Concern	Scientific Name: Delphinium californicum interius
Common Name: Island wallflower Status: Species of Concern	Scientific Name: Erysimum insulare insulare
Common Name: Talus fritillary Status: Species of Concern	Scientific Name: Fritillaria falcata
Common Name: Mendocino gentian Status: Species of Concern	Scientific Name: Gentiana setigera
Common Name: Lost Hills saltbush Status: Species of Concern	Scientific Name: Atriplex vallicola
Common Name: Vine Hill manzanita Status: Species of Concern	Scientific Name: Arctostaphylos densiflora
Common Name: Bolander's horkelia Status: Species of Concern	Scientific Name: Horkelia bolanderi
Common Name: Howell's montia Status: Species of Concern	Scientific Name: Montia howellii

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: July gold Status: Species of Concern	Scientific Name: <i>Dedeckera eurekensis</i>
Common Name: Santa Catalina figwort Status: Species of Concern	Scientific Name: <i>Scrophularia villosa</i>
Common Name: Ahart's whitlow-wort Status: Species of Concern	Scientific Name: <i>Paronychia ahartii</i>
Common Name: Fern-leaved ironwood Status: Species of Concern	Scientific Name: <i>Lyonothamnus floribundus asplenifolius</i>
Common Name: The Lassics sandwort Status: Species of Concern	Scientific Name: <i>Minuartia decumbens</i>
Common Name: Fremont's rosinweed Status: Species of Concern	Scientific Name: <i>Calycadenia fremontii</i>
Common Name: Valley spearscale Status: Species of Concern	Scientific Name: <i>Atriplex joaquiniana</i>
Common Name: Secund jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus glandulosus hoffmanii</i>
Common Name: Plumas ivesia Status: Species of Concern	Scientific Name: <i>Ivesia sericoleuca</i>
Common Name: Arid northern clarkia Status: Species of Concern	Scientific Name: <i>Clarkia borealis arida</i>
Common Name: Bonny Doon manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos silvicola</i>
Common Name: Santa Catalina monkey-flower Status: Species of Concern	Scientific Name: <i>Mimulus traskiae</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Eschscholzia multiflora twisselmannii</i>
Common Name: Barstow wooly-sunflower Status: Species of Concern	Scientific Name: <i>Eriophyllum mohavense</i>
Common Name: Pitkin Marsh paintbrush Status: Species of Concern	Scientific Name: <i>Castilleja uliginosa</i>
Common Name: Pleasant Valley mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus clavatus avius</i>
Common Name: Short-jointed beavertail cactus Status: Species of Concern	Scientific Name: <i>Opuntia basilaris brachyclada</i>
Common Name: San Bernardino Mountains monkey-flower Status: Species of Concern	Scientific Name: <i>Mimulus exiguus</i>
Common Name: Scott Valley phacelia Status: Species of Concern	Scientific Name: <i>Phacelia greenei</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: San Luis serpentine dudleya Status: Species of Concern	Scientific Name: <i>Dudleya abramsii bettinae</i>
Common Name: Marble Mountain catchfly Status: Species of Concern	Scientific Name: <i>Silene marmorensis</i>
Common Name: Parrish's brittlescale Status: Species of Concern	Scientific Name: <i>Atriplex parishii</i>
Common Name: Flax-like monardella Status: Species of Concern	Scientific Name: <i>Monardella linoides oblonga</i>
Common Name: Western bog violet Status: Species of Concern	Scientific Name: <i>Viola primulifolia occidentalis</i>
Common Name: Johnston's buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum microthecum johnstonii</i>
Common Name: Whipple's monkey-flower Status: Species of Concern	Scientific Name: <i>Mimulus whipplei</i>
Common Name: Drymaria dwarf-flax Status: Species of Concern	Scientific Name: <i>Hesperolinon drymarioides</i>
Common Name: Jared's peppergrass Status: Species of Concern	Scientific Name: <i>Lepidium jaredii jaredii</i>
Common Name: Crisp monardella Status: Species of Concern	Scientific Name: <i>Monardella crispa</i>
Common Name: Humboldt Bay gumplant Status: Species of Concern	Scientific Name: <i>Grindelia stricta blakei</i>
Common Name: Jointed buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum intrafractum</i>
Common Name: Charlotte's phacelia Status: Species of Concern	Scientific Name: <i>Phacelia nashiana</i>
Common Name: Heckner's lewisia Status: Species of Concern	Scientific Name: <i>Lewisia cotyledon heckneri</i>
Common Name: Munz's hedgehog cactus Status: Species of Concern	Scientific Name: <i>Echinocereus engelmannii munzii</i>
Common Name: Goldenbush Status: Species of Concern	Scientific Name: <i>Isocoma arguta</i>
Common Name: Bodie Hills rock-cress Status: Species of Concern	Scientific Name: <i>Arabis bodiensis</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Stylocline masonii</i>
Common Name: Compact cobweb thistle Status: Species of Concern	Scientific Name: <i>Cirsium occidentale compactum</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: No common name Status: Species of Concern	Scientific Name: <i>Teloschistes villosus</i>
Common Name: Peirson's morning-glory Status: Species of Concern	Scientific Name: <i>Calystegia peirsonii</i>
Common Name: The Cedars globe-lily Status: Species of Concern	Scientific Name: <i>Calochortus raichei</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Lessingia arachnoidea</i>
Common Name: Sierra Valley ivesia Status: Species of Concern	Scientific Name: <i>Ivesia aperta aperta</i>
Common Name: Ballona cinquefoil Status: Species of Concern	Scientific Name: <i>Potentilla multijuga</i>
Common Name: Silver-haired ivesia Status: Species of Concern	Scientific Name: <i>Ivesia argyrocoma</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Heterodermia erinacea</i>
Common Name: San Benito spineflower Status: Species of Concern	Scientific Name: <i>Chorizanthe biloba immemora</i>
Common Name: Cedar Crest allocarya Status: Species of Concern	Scientific Name: <i>Plagiobothrys glyptocarpus modestus</i>
Common Name: Trinity phacelia Status: Species of Concern	Scientific Name: <i>Phacelia dalesiana</i>
Common Name: Kingston bedstraw Status: Species of Concern	Scientific Name: <i>Galium hilendiae kingstonense</i>
Common Name: Short-leaved dudleya Status: Species of Concern	Scientific Name: <i>Dudleya blochmaniae blochmaniae</i>
Common Name: [Unnamed] linanthus Status: Species of Concern	Scientific Name: <i>Linanthus concinnus</i>
Common Name: Point Reyes stickyseed Status: Species of Concern	Scientific Name: <i>Blennosperma nanum robustum</i>
Common Name: Mason's lilaeopsis Status: Species of Concern	Scientific Name: <i>Lilaeopsis masonii</i>
Common Name: Mojave tarweed Status: Species of Concern	Scientific Name: <i>Hemizonia mohavensis</i>
Common Name: Island hazardia Status: Species of Concern	Scientific Name: <i>Hazardia cana</i>
Common Name: Parish's gooseberry Status: Species of Concern	Scientific Name: <i>Ribes divaricatum parishii</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Mt. Hamilton thistle Status: Species of Concern	Scientific Name: <i>Cirsium fontinale campylon</i>
Common Name: Conejo buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum crocatum</i>
Common Name: Masonic Mountain jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus oliganthus</i>
Common Name: Panamint Mountains buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum microthecum panamintense</i>
Common Name: Egg Lake monkey-flower Status: Species of Concern	Scientific Name: <i>Mimulus pygmaeus</i>
Common Name: Black wooly-pod Status: Species of Concern	Scientific Name: <i>Astragalus funereus</i>
Common Name: Cuyamaca larkspur Status: Species of Concern	Scientific Name: <i>Delphinium hesperium cuyamaca</i>
Common Name: Cooke's phacelia Status: Species of Concern	Scientific Name: <i>Phacelia cookei</i>
Common Name: Marin checkermallow Status: Species of Concern	Scientific Name: <i>Sidalcea hickmanii viridis</i>
Common Name: Henderson's bentgrass Status: Species of Concern	Scientific Name: <i>Agrostis hendersonii</i>
Common Name: Nine Mile Canyon phacelia Status: Species of Concern	Scientific Name: <i>Phacelia novemmillensis</i>
Common Name: Curve-podded Mojave milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus mohavensis hemigyris</i>
Common Name: Freed's jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus brachiatus hoffmanii</i>
Common Name: Snake cholla Status: Species of Concern	Scientific Name: <i>Opuntia parryi serpentina</i>
Common Name: Wolf's evening-primrose Status: Species of Concern	Scientific Name: <i>Oenothera wolfii</i>
Common Name: Stephens' beardtongue Status: Species of Concern	Scientific Name: <i>Penstemon stephensii</i>
Common Name: Parish's phacelia Status: Species of Concern	Scientific Name: <i>Phacelia parishii</i>
Common Name: Blasdale's bentgrass Status: Species of Concern	Scientific Name: <i>Agrostis blasdalei blasdalei</i>
Common Name: [Unnamed] scurf-pea Status: Species of Concern	Scientific Name: <i>Pediomelum castoreum</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Shaggy-hair lupine Status: Species of Concern	Scientific Name: <i>Lupinus spectabilis</i>
Common Name: Short-lobed broomrape Status: Species of Concern	Scientific Name: <i>Orobanche parishii brachyloba</i>
Common Name: San Nicolas Island lomatium Status: Species of Concern	Scientific Name: <i>Lomatium insulare</i>
Common Name: Tecopa bird's-beak Status: Species of Concern	Scientific Name: <i>Cordylanthus tecopensis</i>
Common Name: Many-stemmed liveforever Status: Species of Concern	Scientific Name: <i>Dudleya multicaulis</i>
Common Name: Hearst's ceanothus Status: Species of Concern	Scientific Name: <i>Ceanothus hearstiorum</i>
Common Name: Variegated dudleya Status: Species of Concern	Scientific Name: <i>Dudleya variegata</i>
Common Name: Sandmat manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos pumila</i>
Common Name: Northern California black walnut Status: Species of Concern	Scientific Name: <i>Juglans californica hindsii</i>
Common Name: Delta lule-pea Status: Species of Concern	Scientific Name: <i>Lathyrus jepsonii jepsonii</i>
Common Name: Stebbins lewisia Status: Species of Concern	Scientific Name: <i>Lewisia stebbinsii</i>
Common Name: Wilkin's harebell Status: Species of Concern	Scientific Name: <i>Campanula wilkinsiana</i>
Common Name: Cup Lake draba Status: Species of Concern	Scientific Name: <i>Draba asterophora macrocarpa</i>
Common Name: Mecca aster Status: Species of Concern	Scientific Name: <i>Xylorhiza cognata</i>
Common Name: Small-leaved rose Status: Species of Concern	Scientific Name: <i>Rosa minutifolia</i>
Common Name: Cambria morning-glory Status: Species of Concern	Scientific Name: <i>Calystegia subcaulis episcopalis</i>
Common Name: San Benito thornmint Status: Species of Concern	Scientific Name: <i>Acanthomintha obovata obovata</i>
Common Name: Bear Valley phlox Status: Species of Concern	Scientific Name: <i>Phlox dolichantha</i>
Common Name: Owens Peak lomatium Status: Species of Concern	Scientific Name: <i>Lomatium shevockii</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Wild Rose Canyon buckwheat Status: Species of Concern	Scientific Name: Eriogonum eremicola
Common Name: Mt. Saint Helena morning-glory Status: Species of Concern	Scientific Name: Calystegia collina oxyphylla
Common Name: Large red buckwheat Status: Species of Concern	Scientific Name: Eriogonum grande rubescens
Common Name: Dog Valley ivesia Status: Species of Concern	Scientific Name: Ivesia aperta canina
Common Name: Del Norte manzanita Status: Species of Concern	Scientific Name: Arctostaphylos nortensis
Common Name: [Unnamed] milk-vetch Status: Species of Concern	Scientific Name: Astragalus gilmanii
Common Name: Seaside birds-beak Status: Species of Concern	Scientific Name: Cordylanthus rigidus littoralis
Common Name: Sp. nov. ined. (Del Norte) rock-cress Status: Species of Concern	Scientific Name: Arabis sp.
Common Name: California marina Status: Species of Concern	Scientific Name: Marina orcuttii orcuttii
Common Name: San Felipe monardella Status: Species of Concern	Scientific Name: Monardella nana leptosiphon
Common Name: San Francisco owl's-clover Status: Species of Concern	Scientific Name: Triphysaria floribunda
Common Name: San Benito fritillary Status: Species of Concern	Scientific Name: Fritillaria viridea
Common Name: Red-flowered lotus Status: Species of Concern	Scientific Name: Lotus rubriflorus
Common Name: Palmer's grapplinghook Status: Species of Concern	Scientific Name: Harpagonella palmeri palmeri
Common Name: No common name Status: Species of Concern	Scientific Name: Stylocline citroleum
Common Name: Humboldt lily Status: Species of Concern	Scientific Name: Liliium humboldtii ocellatum
Common Name: Death Valley sandpaperplant Status: Species of Concern	Scientific Name: Petalonyx thurberi gilmanii
Common Name: San Diego marsh elder Status: Species of Concern	Scientific Name: Iva hayesiana
Common Name: Merced phacelia Status: Species of Concern	Scientific Name: Phacelia ciliata opaca

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Tomales clarkia Status: Species of Concern	Scientific Name: <i>Clarkia concinna raichei</i>
Common Name: Spinysepaled erylngo Status: Species of Concern	Scientific Name: <i>Eryngium spinosepalum</i>
Common Name: Bakersfield saltbush Status: Species of Concern	Scientific Name: <i>Atriplex tularensis</i>
Common Name: Dorr's Cabin jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus morrisonii hirtiflorus</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Malacothrix crispifolia</i>
Common Name: Mt. Tedoc linanthus Status: Species of Concern	Scientific Name: <i>Linanthus nuttallii howellii</i>
Common Name: Smooth tarplant Status: Species of Concern	Scientific Name: <i>Hemizonia pungens laevis</i>
Common Name: Pajaroensis manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos pajaroensis</i>
Common Name: Rock sanicle Status: Species of Concern	Scientific Name: <i>Sanicula saxatilis</i>
Common Name: Kernville poppy Status: Species of Concern	Scientific Name: <i>Eschscholzia procera</i>
Common Name: Mt. Hamilton coreopsis Status: Species of Concern	Scientific Name: <i>Coreopsis hamiltonii</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Lessingia micradenia glabrata</i>
Common Name: Aphanisma Status: Species of Concern	Scientific Name: <i>Aphanisma blitoides</i>
Common Name: Mosquin's clarkia Status: Species of Concern	Scientific Name: <i>Clarkia mosquinii mosquinii</i>
Common Name: East Bay clarkia Status: Species of Concern	Scientific Name: <i>Clarkia concinna automixa</i>
Common Name: Silky cryptantha Status: Species of Concern	Scientific Name: <i>Cryptantha crinita</i>
Common Name: Bensoniella Status: Species of Concern	Scientific Name: <i>Bensoniella oregona</i>
Common Name: Santa Margarita manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos pilosula pilosula</i>
Common Name: Robison's monardella Status: Species of Concern	Scientific Name: <i>Monardella robisonii</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Brewer's dwarf-flax Status: Species of Concern	Scientific Name: <i>Hesperolinon breweri</i>
Common Name: Howell's alkali grass Status: Species of Concern	Scientific Name: <i>Puccinellia howellii</i>
Common Name: Maritime california-lilac Status: Species of Concern	Scientific Name: <i>Ceanothus maritimus</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Collinsia antonina</i>
Common Name: Schreiber's manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos glutinosa</i>
Common Name: Pale-yellow layia Status: Species of Concern	Scientific Name: <i>Layia heterotricha</i>
Common Name: Hardham's evening-primrose Status: Species of Concern	Scientific Name: <i>Camissonia hardhamiae</i>
Common Name: Comanche layia Status: Species of Concern	Scientific Name: <i>Layia leucopappa</i>
Common Name: Southern tarplant Status: Species of Concern	Scientific Name: <i>Hemizonia parryi australis</i>
Common Name: Howell's tauschia Status: Species of Concern	Scientific Name: <i>Tauschia howellii</i>
Common Name: Lake County dwarf-flax Status: Species of Concern	Scientific Name: <i>Hesperolinon didymocarpum</i>
Common Name: Morrison's jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus morrisonii morrisonii</i>
Common Name: Rincon ceanothus Status: Species of Concern	Scientific Name: <i>Ceanothus confusus</i>
Common Name: Little Sur manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos edmundsii</i>
Common Name: Valley sagittaria Status: Species of Concern	Scientific Name: <i>Sagittaria sanfordii</i>
Common Name: Rock lady Status: Species of Concern	Scientific Name: <i>Holmgrenanthe petrophila</i>
Common Name: Cone Peak bedstraw Status: Species of Concern	Scientific Name: <i>Galium californicum lucense</i>
Common Name: Butte County sidalcea Status: Species of Concern	Scientific Name: <i>Sidalcea robusta</i>
Common Name: San Nicolas Island buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum grande timorum</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: No common name Status: Species of Concern	Scientific Name: <i>Malacothrix intermedia</i>
Common Name: Dune larkspur Status: Species of Concern	Scientific Name: <i>Delphinium parryi blochmaniae</i>
Common Name: Amargosa penstemon Status: Species of Concern	Scientific Name: <i>Penstemon fruticiformis amargosae</i>
Common Name: Preston Peak rock-cress Status: Species of Concern	Scientific Name: <i>Arabis mcdonaldiana</i>
Common Name: Thread-leaved penstemon Status: Species of Concern	Scientific Name: <i>Penstemon filliformis</i>
Common Name: Blair's munzothamnus Status: Species of Concern	Scientific Name: <i>Stephanomeria blairii</i>
Common Name: Stebbins' madia Status: Species of Concern	Scientific Name: <i>Madia stebbinsii</i>
Common Name: Mission Canyon bluecup Status: Species of Concern	Scientific Name: <i>Githopsis diffusa filicaulis</i>
Common Name: Saw-toothed lewisia Status: Species of Concern	Scientific Name: <i>Lewisia serrata</i>
Common Name: White-margined penstemon Status: Species of Concern	Scientific Name: <i>Penstemon albomarginatus</i>
Common Name: Contact Mine streptanthus Status: Species of Concern	Scientific Name: <i>Streptanthus brachiatus brachiatus</i>
Common Name: Coast barrel cactus Status: Species of Concern	Scientific Name: <i>Ferocactus viridescens</i>
Common Name: Santa Cruz manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos andersonii</i>
Common Name: San Jacinto bedstraw Status: Species of Concern	Scientific Name: <i>Galium californicum primum</i>
Common Name: Mt. Vision ceanothus Status: Species of Concern	Scientific Name: <i>Ceanothus gloriosus porrectus</i>
Common Name: Rock Creek broomrape Status: Species of Concern	Scientific Name: <i>Orobanche valida valida</i>
Common Name: Raiches manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos stanfordiana raichei</i>
Common Name: Sandfood Status: Species of Concern	Scientific Name: <i>Pholisma sonorae</i>
Common Name: Spanish needle onion Status: Species of Concern	Scientific Name: <i>Allium shevockii</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Petaluma popcomflower Status: Species of Concern	Scientific Name: <i>Plagiobothrys mollis vestitus</i>
Common Name: Montara manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos montaraensis</i>
Common Name: [Unnamed] adobe-lily Status: Species of Concern	Scientific Name: <i>Fritillaria pluriflora</i>
Common Name: Snow Mountain buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum nervulosum</i>
Common Name: Supple daisy Status: Species of Concern	Scientific Name: <i>Erigeron supplex</i>
Common Name: Hoover's button-celery Status: Species of Concern	Scientific Name: <i>Eryngium aristulatum hooveri</i>
Common Name: San Luis lupine Status: Species of Concern	Scientific Name: <i>Lupinus ludovicianus</i>
Common Name: Legenere Status: Species of Concern	Scientific Name: <i>Legenere limosa</i>
Common Name: Pink sand-verbena Status: Species of Concern	Scientific Name: <i>Abronia umbellata breviflora</i>
Common Name: Prostrate buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum prociduum</i>
Common Name: Butte County morning-glory Status: Species of Concern	Scientific Name: <i>Calystegia atriplicifolia buttensis</i>
Common Name: San Bernardino Mountains orthocarpus Status: Species of Concern	Scientific Name: <i>Castilleja lasiorhyncha</i>
Common Name: Parry's tetracoccus Status: Species of Concern	Scientific Name: <i>Tetracoccus dioicus</i>
Common Name: Red Rock tarweed Status: Species of Concern	Scientific Name: <i>Hemizonia arida</i>
Common Name: Trinity buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum alpinum</i>
Common Name: Applegate stonecrop Status: Species of Concern	Scientific Name: <i>Sedum oblanceolatum</i>
Common Name: Twisselmann's buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum twisselmannii</i>
Common Name: San Clemente Island buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum giganteum formosum</i>
Common Name: Algodones Dunes sunflower Status: Species of Concern	Scientific Name: <i>Helianthus niveus tephrodes</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Plummer's mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus plummerae</i>
Common Name: Point Reyes horkelia Status: Species of Concern	Scientific Name: <i>Horkelia marinensis</i>
Common Name: Davidson's bush-mallow Status: Species of Concern	Scientific Name: <i>Malacothamnus davidsonii</i>
Common Name: Bristlecone catseye Status: Species of Concern	Scientific Name: <i>Cryptantha roosiorum</i>
Common Name: Vine Hill ceanothus Status: Species of Concern	Scientific Name: <i>Ceanothus foliosus vineatus</i>
Common Name: Marin knotweed Status: Species of Concern	Scientific Name: <i>Polygonum marinense</i>
Common Name: Hardy Creek barberry Status: Species of Concern	Scientific Name: <i>Berberis nervosa mendocinensis</i>
Common Name: Parasol clover Status: Species of Concern	Scientific Name: <i>Trifolium bolanderi</i>
Common Name: Fragrant fritillary Status: Species of Concern	Scientific Name: <i>Fritillaria liliacea</i>
Common Name: Ziegler's layia Status: Species of Concern	Scientific Name: <i>Layia platyglossa</i>
Common Name: Seaside tarweed Status: Species of Concern	Scientific Name: <i>Hemizonia multicaulis multicaulis</i>
Common Name: Foothill mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus weedii intermedius</i>
Common Name: Mendocino coast paintbrush Status: Species of Concern	Scientific Name: <i>Castilleja mendocinensis</i>
Common Name: Slough thistle Status: Species of Concern	Scientific Name: <i>Cirsium crassicaule</i>
Common Name: South Coast Range morning-glory Status: Species of Concern	Scientific Name: <i>Calystegia collina venusta</i>
Common Name: Cache Peak buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum kennedyi pinicola</i>
Common Name: California beaked-rush Status: Species of Concern	Scientific Name: <i>Rhynchospora californica</i>
Common Name: Pringle monardella Status: Species of Concern	Scientific Name: <i>Monardella pringlei</i>
Common Name: Southern island phacelia Status: Species of Concern	Scientific Name: <i>Phacelia floribunda</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Humboldt milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus agnicidus</i>
Common Name: Trask's milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus traskiae</i>
Common Name: Veiny monardella Status: Species of Concern	Scientific Name: <i>Monardella douglasii venosa</i>
Common Name: Tecate tarweed Status: Species of Concern	Scientific Name: <i>Hemizonia floribunda</i>
Common Name: South coast saltbush Status: Species of Concern	Scientific Name: <i>Atriplex pacifica</i>
Common Name: Arroyo de la Cruz manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos cruzensis</i>
Common Name: Santa Cruz Island monkey-flower Status: Species of Concern	Scientific Name: <i>Mimulus brandegeei</i>
Common Name: Northcoast phacelia Status: Species of Concern	Scientific Name: <i>Phacelia insularis continentis</i>
Common Name: Sand dune phacelia Status: Under Review	Scientific Name: <i>Phacelia argentea</i>
Common Name: Inyo mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus excavatus</i>
Common Name: Webber's milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus webberi</i>
Common Name: Delta coyote-thistle Status: Species of Concern	Scientific Name: <i>Eryngium racemosum</i>
Common Name: Hall's madia Status: Species of Concern	Scientific Name: <i>Madia hallii</i>
Common Name: Red Hills soaproot Status: Species of Concern	Scientific Name: <i>Chlorogalum grandiflorum</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Ceanothus arboreus glaber</i>
Common Name: Guadalupe Island lupine Status: Species of Concern	Scientific Name: <i>Lupinus guadalupensis</i>
Common Name: Sequoia gooseberry Status: Species of Concern	Scientific Name: <i>Ribes tularensis</i>
Common Name: Swamp harebell Status: Species of Concern	Scientific Name: <i>Campanula californica</i>
Common Name: Parry's spineflower Status: Species of Concern	Scientific Name: <i>Chorizanthe parryi parryi</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Parish's bush-mallow Status: Species of Concern	Scientific Name: <i>Malacothamnus parishii</i>
Common Name: Tamalpais manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos hookeri montana</i>
Common Name: San Clemente Island brodiaea Status: Species of Concern	Scientific Name: <i>Brodiaea kinkiensis</i>
Common Name: Tamalpais jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus batrachopus</i>
Common Name: Panoche peppergrass Status: Species of Concern	Scientific Name: <i>Lepidium jaredii album</i>
Common Name: Dacite manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos tomentosa daciticola</i>
Common Name: Fresno County bird's-beak Status: Species of Concern	Scientific Name: <i>Cordylanthus tenuis barbatus</i>
Common Name: Bolinas ceanothus Status: Species of Concern	Scientific Name: <i>Ceanothus masonii</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Astragalus lentiginosus antonius</i>
Common Name: San Diego goldenstar Status: Species of Concern	Scientific Name: <i>Muilla clevelandii</i>
Common Name: Hearst's manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos hookeri hearstiorum</i>
Common Name: Orocopia sage Status: Species of Concern	Scientific Name: <i>Salvia greatai</i>
Common Name: Abbott's bush-mallow Status: Species of Concern	Scientific Name: <i>Malacothamnus abbottii</i>
Common Name: Merced monardella Status: Species of Concern	Scientific Name: <i>Monardella leucocephala</i>
Common Name: Alverson's foxtail cactus Status: Species of Concern	Scientific Name: <i>Coryphantha vivipara alversonii</i>
Common Name: San Gabriel River dudleya Status: Species of Concern	Scientific Name: <i>Dudleya cymosa crebrifolia</i>
Common Name: Kern River daisy Status: Species of Concern	Scientific Name: <i>Erigeron multiceps</i>
Common Name: Jepson's onion Status: Species of Concern	Scientific Name: <i>Allium jepsonii</i>
Common Name: Auburva Ranch jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus insignis lyonii</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Saline Valley phacelia Status: Species of Concern	Scientific Name: <i>Phacelia amabilis</i>
Common Name: Nevada oryctes Status: Species of Concern	Scientific Name: <i>Oryctes nevadensis</i>
Common Name: Kaweah brodiaea Status: Species of Concern	Scientific Name: <i>Brodiaea insignis</i>
Common Name: Baldwin Lake linanthus Status: Species of Concern	Scientific Name: <i>Linanthus killipii</i>
Common Name: Mt. Diablo jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus hispidus</i>
Common Name: Thorne's buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum ericifolium thornei</i>
Common Name: Diamond-petaled poppy Status: Species of Concern	Scientific Name: <i>Eschscholzia rhombipetala</i>
Common Name: Showy raillardella Status: Species of Concern	Scientific Name: <i>Raillardella pringlei</i>
Common Name: Scadden Flat checkerbloom Status: Species of Concern	Scientific Name: <i>Sidalcea stipularis</i>
Common Name: Slender mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus clavatus gracilis</i>
Common Name: Mojave monkey-flower Status: Species of Concern	Scientific Name: <i>Mimulus mohavensis</i>
Common Name: Anthony Peak lupine Status: Species of Concern	Scientific Name: <i>Lupinus antoninus</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Arnica lonchophylla</i>
Common Name: Poison Canyon stickseed Status: Species of Concern	Scientific Name: <i>Hackelia brevicula</i>
Common Name: Borrego bedstraw Status: Species of Concern	Scientific Name: <i>Galium angustifolium borregoense</i>
Common Name: Hickman's onion Status: Species of Concern	Scientific Name: <i>Allium hickmanii</i>
Common Name: One-awned spineflower Status: Species of Concern	Scientific Name: <i>Chorizanthe rectispina</i>
Common Name: Inyo laphamia Status: Species of Concern	Scientific Name: <i>Perityle inyoensis</i>
Common Name: DeDecker's lupine Status: Species of Concern	Scientific Name: <i>Lupinus padre-crowleyi</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Thurber's reedgrass Status: Species of Concern	Scientific Name: <i>Calamagrostis crassiglumis</i>
Common Name: Stebbins' lomatium Status: Species of Concern	Scientific Name: <i>Lomatium stebbinsii</i>
Common Name: Sp. nov. ined. (Pit River) jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus</i> sp.
Common Name: Mountains Springs bush lupine Status: Species of Concern	Scientific Name: <i>Lupinus excubitus medius</i>
Common Name: Gander butterweed Status: Species of Concern	Scientific Name: <i>Packera ganderi</i>
Common Name: Forest Camp sandwort Status: Species of Concern	Scientific Name: <i>Arenaria macradenia kuschei</i>
Common Name: Monterey ceanothus Status: Species of Concern	Scientific Name: <i>Ceanothus cuneatus rigidus</i>
Common Name: Most beautiful jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus albidus peramoenus</i>
Common Name: San Francisco gumplant Status: Species of Concern	Scientific Name: <i>Grindelia hirsuta maritima</i>
Common Name: Mt. Hamilton harebell Status: Species of Concern	Scientific Name: <i>Campanula sharsmithiae</i>
Common Name: Congdon's lomatium Status: Species of Concern	Scientific Name: <i>Lomatium congdonii</i>
Common Name: Plaskett Meadows linanthus Status: Species of Concern	Scientific Name: <i>Linanthus harknessii condensatus</i>
Common Name: Lemon colored fawn-lily Status: Species of Concern	Scientific Name: <i>Erythronium citrinum rodrickii</i>
Common Name: Raven's milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus monoensis ravenii</i>
Common Name: Nevin's woolly-sunflower Status: Species of Concern	Scientific Name: <i>Eriophyllum nevinii</i>
Common Name: California ditaxis Status: Species of Concern	Scientific Name: <i>Ditaxis serrata</i>
Common Name: Tehama dwarf-flax Status: Species of Concern	Scientific Name: <i>Hesperolinon tehamense</i>
Common Name: Piute Mountains jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus cordatus piutensis</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Calochortus weedii vestus</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Slender pentachaeta Status: Species of Concern	Scientific Name: <i>Pentachaeta exilis aeolica</i>
Common Name: Purple monkey-flower Status: Species of Concern	Scientific Name: <i>Mimulus purpureus purpureus</i>
Common Name: Calistoga ceanothus Status: Species of Concern	Scientific Name: <i>Ceanothus divergens</i>
Common Name: Butte fritillary Status: Species of Concern	Scientific Name: <i>Fritillaria eastwoodiae</i>
Common Name: Pale yellow lupine Status: Species of Concern	Scientific Name: <i>Lupinus luteolus</i>
Common Name: Arroyo de la Cruz mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus clavatus recurvifolius</i>
Common Name: Umpqua green-gentian Status: Species of Concern	Scientific Name: <i>Frasera fastigiata</i>
Common Name: Canyon Creek stonecrop Status: Species of Concern	Scientific Name: <i>Sedum paradisum</i>
Common Name: Ash Creek ivesia Status: Species of Concern	Scientific Name: <i>Ivesia paniculata</i>
Common Name: Cliff spurge Status: Species of Concern	Scientific Name: <i>euphorbia misera</i>
Common Name: Small-flowered morning-glory Status: Species of Concern	Scientific Name: <i>Convolvulus equitans</i>
Common Name: Beautiful Hulsea Status: Species of Concern	Scientific Name: <i>Hulsea vestita ssp. callicarpa</i>
Common Name: Cleveland's bush monkeyflower Status: Species of Concern	Scientific Name: <i>Diplacus clevelandii</i>
Common Name: Fish's milkwort Status: Species of Concern	Scientific Name: <i>Polygala comuta var. fishiae</i>
Common Name: Mt. Diablo phacelia Status: Species of Concern	Scientific Name: <i>Phacelia phacelioides</i>
Common Name: Gairdner's yampah Status: Species of Concern	Scientific Name: <i>Perideridia gairdneri gairdneri</i>
Common Name: Santa Catalina Island desert-thorn Status: Species of Concern	Scientific Name: <i>Lycium hassei</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Lecanora xanthosora</i>
Common Name: Stebbins' phacelia Status: Species of Concern	Scientific Name: <i>Phacelia stebbinsii</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Silver, Santa Cruz Island hosackia Status: Species of Concern	Scientific Name: <i>Lotus argophyllus niveus</i>
Common Name: Smooth pungent forsellesia Status: Species of Concern	Scientific Name: <i>Glossopetalon pungens glabra</i>
Common Name: Eastwood's goldenweed Status: Species of Concern	Scientific Name: <i>Ericameria fasciculata</i>
Common Name: Rayless layia Status: Species of Concern	Scientific Name: <i>Layia discoidea</i>
Common Name: San Gabriel bedstraw Status: Species of Concern	Scientific Name: <i>Galium grande</i>
Common Name: Island morning-glory Status: Species of Concern	Scientific Name: <i>Calystegia macrostegia amplissima</i>
Common Name: Santa Barbara Island buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum giganteum compactum</i>
Common Name: The Geysers panic grass Status: Species of Concern	Scientific Name: <i>Dichanthelium acuminatum acuminatum</i>
Common Name: Flat-seeded spurge Status: Species of Concern	Scientific Name: <i>Chamaesyce platysperma</i>
Common Name: Narrow-leaved nightshade Status: Species of Concern	Scientific Name: <i>Solanum tenuilobatum</i>
Common Name: Green liveforever Status: Species of Concern	Scientific Name: <i>Dudleya virens</i>
Common Name: Three Peaks jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus morrisonii elatus</i>
Common Name: Big Bear milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus lentiginosus sierrae</i>
Common Name: Deane's milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus deanei</i>
Common Name: Ft. Tejon wooly-sunflower Status: Species of Concern	Scientific Name: <i>Eriophyllum lanatum hallii</i>
Common Name: El Dorado mule-ears Status: Species of Concern	Scientific Name: <i>Wyethia reticulata</i>
Common Name: Siskiyou onion Status: Species of Concern	Scientific Name: <i>Allium tribracteatum</i>
Common Name: Enterprise clarkia Status: Species of Concern	Scientific Name: <i>Clarkia mosquinii xerophila</i>
Common Name: San Francisco Bay spineflower Status: Species of Concern	Scientific Name: <i>Chorizanthe cuspidata cuspidata</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Santa Cruz silverpuffs Status: Species of Concern	Scientific Name: <i>Stebbinsoseris decipiens</i>
Common Name: Hetch Hetchy monkey-flower Status: Species of Concern	Scientific Name: <i>Mimulus filicaulis</i>
Common Name: Caliente clarkia Status: Species of Concern	Scientific Name: <i>Clarkia tembloriensis ssp. calientensis</i>
Common Name: Lemon lily Status: Species of Concern	Scientific Name: <i>Lilium parryi</i>
Common Name: Two carpeled dwarf-flax Status: Species of Concern	Scientific Name: <i>Hesperolinon bicarpellatum</i>
Common Name: Baker's meadowfoam Status: Species of Concern	Scientific Name: <i>Limnanthes bakeri</i>

Group: Insects

Common Name: Denning's cryptic caddisfly Status: Species of Concern	Scientific Name: <i>Cryptochia denningi</i>
Common Name: Shirttail Creek stonefly Status: Species of Concern	Scientific Name: <i>Megaleuctra sierra</i>
Common Name: Sonoma arctic skipper Status: Species of Concern	Scientific Name: <i>Carterocephalus palaemon ssp.</i>
Common Name: Globose dune beetle Status: Species of Concern	Scientific Name: <i>Coelus globosus</i>
Common Name: Sierra pygmy grasshopper Status: Species of Concern	Scientific Name: <i>Tetrix sierrana</i>
Common Name: Bumblebee scarab Status: Species of Concern	Scientific Name: <i>Lichnanthe ursina</i>
Common Name: Franklin's bumblebee Status: Under Review	Scientific Name: <i>Bombus franklini</i>
Common Name: Gold rush hanging fly Status: Species of Concern	Scientific Name: <i>Orbittacus obscurus</i>
Common Name: Brownish dubiraphian riffle beetle Status: Species of Concern	Scientific Name: <i>Dubiraphia brunnescens</i>
Common Name: Coachella Valley jerusalem cricket Status: Species of Concern	Scientific Name: <i>Stenopelmatus cahuiensis</i>
Common Name: Desert monkey grasshopper Status: Species of Concern	Scientific Name: <i>Psychomastix deserticola</i>
Common Name: Point Conception jerusalem cricket Status: Species of Concern	Scientific Name: <i>Ammopelmatus muwu</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Sacramento anthicid Status: Species of Concern	Scientific Name: <i>Anthicus sacramento</i>
Common Name: Wawona riffle beetle Status: Species of Concern	Scientific Name: <i>Atractelmis wawona</i>
Common Name: San Joaquin tiger beetle Status: Species of Concern	Scientific Name: <i>Cicindela tranquebarica</i> ssp.
Common Name: Sagehen Creek goeracean caddisfly Status: Species of Concern	Scientific Name: <i>Goeracea oregona</i>
Common Name: Hopping's blister beetle Status: Species of Concern	Scientific Name: <i>Lytta hoppingi</i>
Common Name: Kelso Dune glaresis scarab Status: Species of Concern	Scientific Name: <i>Glaresis arenata</i>
Common Name: Wilbur Springs shore fly Status: Species of Concern	Scientific Name: <i>Paracoenia calida</i>
Common Name: Antioch andrenid bee Status: Species of Concern	Scientific Name: <i>Perdita scitula antiochensis</i>
Common Name: Point Reyes blue Status: Species of Concern	Scientific Name: <i>Icaricia icariodes</i> ssp.
Common Name: Simple hydroporus diving beetle Status: Species of Concern	Scientific Name: <i>Hydroporus simplex</i>
Common Name: Antioch cophuran robberfly Status: Species of Concern	Scientific Name: <i>Cophura hurdi</i>
Common Name: MacNeill sooty wing skipper Status: Species of Concern	Scientific Name: <i>Hesperopsis graciellae</i>
Common Name: King's Creek ecclisomyian caddisfly Status: Species of Concern	Scientific Name: <i>Ecclisomyia bilera</i>
Common Name: King's Creek parapsyche caddisfly Status: Species of Concern	Scientific Name: <i>Parapsyche extensa</i>
Common Name: Kings Canyon cryptochian caddisfly Status: Species of Concern	Scientific Name: <i>Cryptochia excella</i>
Common Name: San Clemente Island coenonycha beetle Status: Species of Concern	Scientific Name: <i>Coenonycha clementina</i>
Common Name: Spiny rhyacophilan caddisfly Status: Species of Concern	Scientific Name: <i>Rhyacophila spinata</i>
Common Name: Delta june beetle Status: Species of Concern	Scientific Name: <i>Polyphylla stellata</i>
Common Name: Trinity Alps ground beetle Status: Species of Concern	Scientific Name: <i>Nebria sahlbergii</i> triad

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: San Francisco lacewing Status: Species of Concern	Scientific Name: <i>Nothochrysa californica</i>
Common Name: San Gabriel Mountains blue Status: Species of Concern	Scientific Name: <i>Plejebus saepiolus</i> ssp.
Common Name: White Mountains copper Status: Species of Concern	Scientific Name: <i>Lycaena rubicus</i> ssp.
Common Name: Oso Flaco patch butterfly Status: Species of Concern	Scientific Name: <i>Chlosyne leanira osoflaco</i>
Common Name: Golden-horned caddisfly Status: Species of Concern	Scientific Name: <i>Neothremma genella</i>
Common Name: Rude's long-horned beetle Status: Species of Concern	Scientific Name: <i>Necydalis rudei</i>
Common Name: Busck's gall moth Status: Species of Concern	Scientific Name: <i>Carolella busckana</i>
Common Name: Andrew's marble butterfly Status: Species of Concern	Scientific Name: <i>Euchloe hyantis andrewsi</i>
Common Name: [Unnamed] ground beetle Status: Species of Concern	Scientific Name: <i>Scaphinotus behrensi</i>
Common Name: White Mountains saepiolus blue Status: Species of Concern	Scientific Name: <i>Plejebus saepiolus</i> ssp.
Common Name: White Mountains sandhill skipper Status: Species of Concern	Scientific Name: <i>Polites sabuleti albomontana</i>
Common Name: Greenest tiger beetle Status: Species of Concern	Scientific Name: <i>Cicindela tranquebarica viridissima</i>
Common Name: Siskiyou caddisfly Status: Species of Concern	Scientific Name: <i>Neothremma siskiyou</i>
Common Name: Casey's June Beetle Status: Endangered	Scientific Name: <i>Dinacoma caseyi</i>
Common Name: Channel Islands dune beetle Status: Species of Concern	Scientific Name: <i>Coelus pacificus</i>
Common Name: Hurd's metapogon robberfly Status: Species of Concern	Scientific Name: <i>Metapogon hurdi</i>
Common Name: Molestan blister beetle Status: Species of Concern	Scientific Name: <i>Lytta molesta</i>
Common Name: Nelson's miloderes weevil Status: Species of Concern	Scientific Name: <i>Miloderes nelsoni</i>
Common Name: Lake Tahoe benthic stonefly Status: Species of Concern	Scientific Name: <i>Capnia lacustra</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Bilobed rhyacophilan caddisfly Status: Species of Concern	Scientific Name: Rhyacophila mosana
Common Name: Santa Cruz Island shore weevil Status: Species of Concern	Scientific Name: Trigonoscuta stantoni
Common Name: Ancient ant Status: Species of Concern	Scientific Name: Smithistruma reliquia
Common Name: Pinnacles shield-back katydid Status: Species of Concern	Scientific Name: Idiostatus kathleenae
Common Name: Oso Flaco robber fly Status: Species of Concern	Scientific Name: Ablautus schlingerii
Common Name: Morro Bay blue butterfly Status: Species of Concern	Scientific Name: Icaricia icarioides moroensis
Common Name: Valley mydas fly Status: Under Review	Scientific Name: Rhapsomidas trochilus
Common Name: Giuliani's dubiraphian riffle beetle Status: Species of Concern	Scientific Name: Dubiraphia giulianii
Common Name: Amphibious caddisfly Status: Species of Concern	Scientific Name: Desmona bethula
Common Name: Cheese-weed moth lacewing Status: Species of Concern	Scientific Name: Oliarces clara
Common Name: Monarch butterfly Status: Under Review	Scientific Name: Danaus plexippus plexippus
Common Name: Humboldt ground beetle Status: Species of Concern	Scientific Name: Scaphinotus longiceps
Common Name: Curved-foot hygrotus diving beetle Status: Species of Concern	Scientific Name: Hygrotus curvipes
Common Name: Mono checkerspot Status: Species of Concern	Scientific Name: Euphydryas editha monoensis
Common Name: White Mountains icarioides blue Status: Species of Concern	Scientific Name: Plejebus icarioides ssp.
Common Name: Pinnacles optioservus riffle beetle Status: Species of Concern	Scientific Name: Optioservus canus
Common Name: Long-tailed caddisfly Status: Species of Concern	Scientific Name: Farula sp.
Common Name: Santa Monica shieldback katydid Status: Species of Concern	Scientific Name: Neduba longipennis
Common Name: Mission blue butterfly Status: Endangered	Scientific Name: Icaricia icarioides missionensis

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Myrtle's silverspot butterfly Status: Endangered	Scientific Name: <i>Speyeria zerene myrtleae</i>
Common Name: San Bruno elfin butterfly Status: Endangered	Scientific Name: <i>Callophrys mossii bayensis</i>
Common Name: Callippe silverspot butterfly Status: Endangered	Scientific Name: <i>Speyeria callippe callippe</i>
Common Name: Delhi Sands flower-loving fly Status: Endangered	Scientific Name: <i>Rhaphiomidas terminatus abdominalis</i>
Common Name: California diplectronan caddisfly Status: Species of Concern	Scientific Name: <i>Diplectrona californica</i>
Common Name: Wandering skipper Status: Species of Concern	Scientific Name: <i>Panoquina errans</i>
Common Name: [Unnamed] riffle beetle Status: Species of Concern	Scientific Name: <i>Microcylleopus similis</i>
Common Name: Spring Mountains icarioides blue Status: Species of Concern	Scientific Name: <i>Plejebus icarioides ssp.</i>
Common Name: Lange's El Segundo Dune weevil Status: Species of Concern	Scientific Name: <i>Onychobaris langei</i>
Common Name: Sandy beach tiger beetle Status: Species of Concern	Scientific Name: <i>Cicindela hirticollis gravida</i>
Common Name: Yellow-banded andrenid bee Status: Species of Concern	Scientific Name: <i>Perdita hirticeps luteocincta</i>
Common Name: Leech's chaetarhrian water scavenger beetle Status: Species of Concern	Scientific Name: <i>Chaetarhria leechi</i>
Common Name: San Gabriel Mountains elfin Status: Species of Concern	Scientific Name: <i>Incisalia mossii ssp.</i>
Common Name: Wooly hydroporus diving beetle Status: Species of Concern	Scientific Name: <i>Hydroporus hirsutus</i>
Common Name: Fort Dick limnephilus caddisfly Status: Species of Concern	Scientific Name: <i>Limnephilus atercus</i>
Common Name: Ciervo aegialian scarab Status: Species of Concern	Scientific Name: <i>Aegialia concinna</i>
Common Name: Cold Spring caddisfly Status: Species of Concern	Scientific Name: <i>Lepidostoma ermanae</i>
Common Name: White Mountains skipper Status: Species of Concern	Scientific Name: <i>Hesperia mirimae ssp.</i>
Common Name: Doyen's trigonoscuta dune weevil	Scientific Name: <i>Trigonoscuta sp.</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Status: Species of Concern

Common Name: Siskiyou ground beetle
Status: Species of Concern

Scientific Name: *Nebria gebleri siskiyouensis*

Common Name: Antioch mutillid wasp
Status: Species of Concern

Scientific Name: *Myrmosula pacifica*

Common Name: Hermes copper butterfly
Status: Candidate

Scientific Name: *Lycaena hermes*

Common Name: Confusion caddisfly
Status: Species of Concern

Scientific Name: *Cryptochia shasta*

Common Name: Death Valley june beetle
Status: Species of Concern

Scientific Name: *Polyphylla erratica*

Common Name: Ford's sand dune moth
Status: Species of Concern

Scientific Name: *Psammobotys fordii*

Common Name: Dorothy's El Segundo Dune weevil
Status: Species of Concern

Scientific Name: *Trigonoscuta dorothea dorothea*

Common Name: Santa Catalina Island trigonoscuta weevil
Status: Species of Concern

Scientific Name: *Trigonoscuta catalina*

Common Name: Saratoga Springs belostoman bug
Status: Species of Concern

Scientific Name: *Belostoma saratogae*

Common Name: Antioch Dunes anthicid
Status: Species of Concern

Scientific Name: *Anthicus antiochensis*

Common Name: Wing-shoulder minute moss beetle
Status: Species of Concern

Scientific Name: *Ochthebius crassalus*

Common Name: Antioch sphecid wasp
Status: Species of Concern

Scientific Name: *Philanthus nasalis*

Common Name: Dohrn's elegant eucnemid beetle
Status: Species of Concern

Scientific Name: *Paleoxenus dohrni*

Common Name: Redheaded sphecid wasp
Status: Species of Concern

Scientific Name: *Eucerceris ruficeps*

Common Name: [Unnamed] riffle beetle
Status: Species of Concern

Scientific Name: *Microcylleopus fomicoideus*

Common Name: Boharts' blue
Status: Species of Concern

Scientific Name: *Philotiella speciosa bohartorum*

Common Name: Castle Crags rhyacophilan caddisfly
Status: Species of Concern

Scientific Name: *Rhyacophila lineata*

Common Name: Middlekauf's shieldback katydid
Status: Species of Concern

Scientific Name: *Idiostatus middlekaufi*

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Atascadero june beetle Status: Species of Concern	Scientific Name: <i>Polyphylla nubila</i>
Common Name: Travertine band-thigh diving beetle Status: Species of Concern	Scientific Name: <i>Hygrotus fontinalis</i>
Common Name: Leech's skyline diving beetle Status: Species of Concern	Scientific Name: <i>Hydroporus leechi</i>
Common Name: South Forks ground beetle Status: Species of Concern	Scientific Name: <i>Nebria darlingtoni</i>
Common Name: Morrison's blister beetle Status: Species of Concern	Scientific Name: <i>Lytta morrisoni</i>
Common Name: Marin elfin Status: Species of Concern	Scientific Name: <i>Incisalia mossii</i> ssp.
Common Name: Saline Valley snow-front june beetle Status: Species of Concern	Scientific Name: <i>Polyphylla anteronivea</i>
Common Name: Wilbur Springs minute moss beetle Status: Species of Concern	Scientific Name: <i>Ochthebius reticulatus</i>
Common Name: Tehachapi Mountain silverspot Status: Species of Concern	Scientific Name: <i>Speyeria egleis tehachapina</i>
Common Name: Valley oak ant Status: Under Review	Scientific Name: <i>Proceratium californicum</i>
Common Name: Coachella giant sand treader cricket Status: Species of Concern	Scientific Name: <i>Macrobaenetes valgum</i>
Common Name: Ricksecker's water scavenger beetle Status: Species of Concern	Scientific Name: <i>Hydrochara rickseckeri</i>
Common Name: Brown-tassel trigonoscuta weevil Status: Species of Concern	Scientific Name: <i>Trigonoscuta brunneotesselata</i>
Common Name: Henne's eucosma moth Status: Species of Concern	Scientific Name: <i>Eucosma hennei</i>
Common Name: Samwell Cave cricket Status: Species of Concern	Scientific Name: <i>Pristoceuthophilus</i> sp.
Common Name: Kelso jerusalem cricket Status: Species of Concern	Scientific Name: <i>Ammopelmatus kelsoensis</i>
Common Name: White sand bear scarab Status: Species of Concern	Scientific Name: <i>Lichnanthe albopilosa</i>
Common Name: Dry Creek cliff strider bug Status: Species of Concern	Scientific Name: <i>Oravelia pege</i>
Common Name: Antioch efferian robberfly Status: Species of Concern	Scientific Name: <i>Efferia antiochi</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: San Emigdio blue Status: Species of Concern	Scientific Name: <i>Plebulina emigdionis</i>
Common Name: Blaisdell trigonoscuta weevil Status: Species of Concern	Scientific Name: <i>Trigonoscuta blaisdelli</i>
Common Name: Mojave Desert blister beetle Status: Species of Concern	Scientific Name: <i>Lytta inseparata</i>
Common Name: Oso Flaco flightless moth Status: Species of Concern	Scientific Name: <i>Areniscythis brachypteris</i>
Common Name: Kelso giant sand treader cricket Status: Species of Concern	Scientific Name: <i>Macrobaenetes kelsoensis</i>
Common Name: Oblivious tiger beetle Status: Species of Concern	Scientific Name: <i>Cicindela latesignata obliviosa</i>
Common Name: Moestan blister beetle Status: Species of Concern	Scientific Name: <i>Lytta moesta</i>

Group:Lichens

Common Name: [Unnamed] lichen Status: Species of Concern	Scientific Name: <i>Texosporium sancti-jacobi</i>
Common Name: Splitting yarn lichen Status: Species of Concern	Scientific Name: <i>Sulcaria isidiisera</i>

Group:Mammals

Common Name: Tipton kangaroo rat Status: Endangered	Scientific Name: <i>Dipodomys nitratooides nitratooides</i>
Common Name: White-footed vole Status: Species of Concern	Scientific Name: <i>Arborimus alpinus</i>
Common Name: Buena Vista Lake ornate Shrew Status: Endangered	Scientific Name: <i>Sorex ornatus relictus</i>
Common Name: Riparian woodrat (=San Joaquin Valley) Status: Endangered	Scientific Name: <i>Neotoma fuscipes riparia</i>
Common Name: White-eared pocket mouse Status: Species of Concern	Scientific Name: <i>Perognathus alticola alticola</i>
Common Name: San Nicolas Island fox Status: Species of Concern	Scientific Name: <i>Urocyon littoralis dickeyi</i>
Common Name: Mountain beaver Status: Species of Concern	Scientific Name: <i>Aplodontia rufa californica</i>
Common Name: Owens Valley California vole Status: Species of Concern	Scientific Name: <i>Microtus californicus vallicola</i>
Common Name: Allen's big-eared bat	Scientific Name: <i>Idionycteris phyllotis</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Status: Species of Concern

Common Name: California red tree vole
Status: Species of Concern

Scientific Name: Arborimus pomo

Common Name: Salt marsh ornate shrew
Status: Species of Concern

Scientific Name: Sorex ornatus salicornicus

Common Name: Yuma hispid cotton rat
Status: Species of Concern

Scientific Name: Sigmodon hispidus eremicus

Common Name: Berkeley kangaroo rat
Status: Species of Concern

Scientific Name: Dipodomys heermanni berkleyensis

Common Name: Point Reyes jumping mouse
Status: Species of Concern

Scientific Name: Zapus trinotatus orarius

Common Name: Pacific Townsend's big-eared bat
Status: Species of Concern

Scientific Name: Plecotus townsendii townsendii

Common Name: Greater western mastiff-bat
Status: Species of Concern

Scientific Name: Eumops perotis californicus

Common Name: Pallid San Diego pocket mouse
Status: Species of Concern

Scientific Name: Perognathus fallax pallidus

Common Name: Earthquake Merriam's kangaroo rat
Status: Species of Concern

Scientific Name: Dipodomys merriami collinus

Common Name: Los Angeles little pocket mouse
Status: Species of Concern

Scientific Name: Perognathus longimembris brevinasus

Common Name: Lodgepole chipmunk
Status: Species of Concern

Scientific Name: Tamias speciosus speciosus

Common Name: Short-nosed kangaroo rat
Status: Species of Concern

Scientific Name: Dipodomys nitratooides brevinasus

Common Name: Tulare grasshopper mouse
Status: Species of Concern

Scientific Name: Onychomys torridus tularensis

Common Name: Mojave river vole
Status: Species of Concern

Scientific Name: Microtus californicus mohavensis

Common Name: San Francisco dusky-footed woodrat
Status: Species of Concern

Scientific Name: Neotoma fuscipes annectens

Common Name: San Diego black-tailed jackrabbit
Status: Species of Concern

Scientific Name: Lepus californicus bennettii

Common Name: Guadalupe fur seal
Status: Threatened

Scientific Name: Arctocephalus townsendi

Common Name: Dulzura California pocket mouse
Status: Species of Concern

Scientific Name: Perognathus californicus femoralis

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Stephens' California vole Status: Species of Concern	Scientific Name: <i>Microtus californicus stephensi</i>
Common Name: Salt marsh vagrant shrew Status: Species of Concern	Scientific Name: <i>Sorex vagrans halicoetes</i>
Common Name: San Diego desert woodrat Status: Species of Concern	Scientific Name: <i>Neotoma lepida intermedia</i>
Common Name: Palm Springs little pocket mouse Status: Species of Concern	Scientific Name: <i>Perognathus longimembris bangsi</i>
Common Name: Pale Townsend's big-eared bat Status: Species of Concern	Scientific Name: <i>Plecotus townsendii pallascens</i>
Common Name: Occult little brown bat Status: Species of Concern	Scientific Name: <i>Myotis lucifugus occultus</i>
Common Name: California wolverine Status: Species of Concern	Scientific Name: <i>Gulo gulo luteus</i>
Common Name: San Bernardino northern flying squirrel Status: Under Review	Scientific Name: <i>Glaucomys sabrinus californicus</i>
Common Name: Tehachapi white-eared pocket mouse Status: Species of Concern	Scientific Name: <i>Perognathus alticola inexpectatus</i>
Common Name: Colorado River cotton rat Status: Species of Concern	Scientific Name: <i>Sigmodon arizonae plenus</i>
Common Name: Suisun ornate shrew Status: Species of Concern	Scientific Name: <i>Sorex ornatus sinuosus</i>
Common Name: Salinas pocket mouse Status: Species of Concern	Scientific Name: <i>Perognathus inornatus psammophilus</i>
Common Name: Southern grasshopper mouse Status: Species of Concern	Scientific Name: <i>Onychomys torridus ramona</i>
Common Name: Channel Islands spotted skunk Status: Species of Concern	Scientific Name: <i>Spilogale putorius amphiala</i>
Common Name: Yuma puma Status: Species of Concern	Scientific Name: <i>Felis concolor browni</i>
Common Name: Island fox Status: Status Undefined	Scientific Name: <i>Urocyon littoralis</i>
Common Name: Jacumba little pocket mouse Status: Species of Concern	Scientific Name: <i>Perognathus longimembris internationalis</i>
Common Name: Spotted bat Status: Species of Concern	Scientific Name: <i>Euderma maculatum</i>
Common Name: Point Reyes mountain beaver Status: Species of Concern	Scientific Name: <i>Aplodontia rufa phaea</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Monterey ornate shrew Status: Species of Concern	Scientific Name: <i>Sorex ornatus salarius</i>
Common Name: San Joaquin pocket mouse Status: Species of Concern	Scientific Name: <i>Perognathus inornatus</i>
Common Name: Northwestern San Diego pocket mouse Status: Species of Concern	Scientific Name: <i>Perognathus fallax fallax</i>
Common Name: Cave myotis Status: Species of Concern	Scientific Name: <i>Myotis velifer</i>
Common Name: California leaf-nosed bat Status: Species of Concern	Scientific Name: <i>Macrotus californicus</i>
Common Name: Sierra Nevada snowshoe hare Status: Species of Concern	Scientific Name: <i>Lepus americanus tahoensis</i>
Common Name: San Clemente deer mouse Status: Species of Concern	Scientific Name: <i>Peromyscus maniculatus clementis</i>
Common Name: Marysville California kangaroo rat Status: Species of Concern	Scientific Name: <i>Dipodomys californicus eximius</i>
Common Name: San Clemente Island fox Status: Species of Concern	Scientific Name: <i>Urocyon littoralis clementae</i>
Common Name: Merced kangaroo rat Status: Species of Concern	Scientific Name: <i>Dipodomys heermanni dixonii</i>
Common Name: Nelson's antelope ground squirrel Status: Species of Concern	Scientific Name: <i>Ammospermophilus nelsoni</i>
Common Name: Mexican long-tongued bat Status: Species of Concern	Scientific Name: <i>Choeronycteris mexicana</i>
Common Name: Alameda Island mole Status: Species of Concern	Scientific Name: <i>Scapanus latimanus parvus</i>
Common Name: Monterey dusky-footed woodrat Status: Species of Concern	Scientific Name: <i>Neotoma fuscipes luciana</i>
Common Name: Santa Catalina ornate shrew Status: Species of Concern	Scientific Name: <i>Sorex ornatus willetti</i>
Common Name: Riparian brush rabbit Status: Endangered	Scientific Name: <i>Sylvilagus bachmani riparius</i>

Group: Reptiles

Common Name: San Diego ringneck snake Status: Species of Concern	Scientific Name: <i>Diadophis punctatus similis</i>
Common Name: California horned lizard Status: Species of Concern	Scientific Name: <i>Phrynosoma coronatum frontale</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Coronado skink Status: Species of Concern	Scientific Name: <i>Eumeces skiltonianus interparietalis</i>
Common Name: Rosy boa Status: Species of Concern	Scientific Name: <i>Charina trivirgata</i>
Common Name: San Diego banded gecko Status: Species of Concern	Scientific Name: <i>Coleonyx variegatus abbotti</i>
Common Name: San Bernardino ringneck snake Status: Species of Concern	Scientific Name: <i>Diadophis punctatus modestus</i>
Common Name: Banded gila monster Status: Species of Concern	Scientific Name: <i>Heloderma suspectum cinctum</i>
Common Name: San Diego Mountain king snake Status: Species of Concern	Scientific Name: <i>Lampropeltis zonata pulchra</i>
Common Name: Panamint alligator lizard Status: Under Review	Scientific Name: <i>Elgaria panamintina</i>
Common Name: Two-striped garter snake Status: Species of Concern	Scientific Name: <i>Thamnophis hammondi</i>
Common Name: Santa Cruz Island gopher snake Status: Species of Concern	Scientific Name: <i>Pituophis melanoleucus pumilis</i>
Common Name: South coast garter snake Status: Species of Concern	Scientific Name: <i>Thamnophis sirtalis ssp.</i>
Common Name: Southwestern pond turtle Status: Species of Concern	Scientific Name: <i>Actinemys marmorata pallida</i>
Common Name: Northern red diamond rattlesnake Status: Species of Concern	Scientific Name: <i>Crotalus ruber ruber</i>
Common Name: Silvery legless lizard Status: Species of Concern	Scientific Name: <i>Anniella pulchra pulchra</i>
Common Name: Southern rubber boa Status: Under Review	Scientific Name: <i>Charina bottae umbratica</i>
Common Name: Chuckwalla Status: Species of Concern	Scientific Name: <i>Sauromalus ater</i>
Common Name: San Bernardino mountain king snake Status: Species of Concern	Scientific Name: <i>Lampropeltis zonata parvirubra</i>
Common Name: Coastal rosy boa Status: Species of Concern	Scientific Name: <i>Charina trivirgata roseofusca</i>
Common Name: Sierra night lizard Status: Species of Concern	Scientific Name: <i>Xantusia vigilis sierrae</i>
Common Name: Coastal western whiptail Status: Species of Concern	Scientific Name: <i>Cnemidophorus tigris multiscutatus</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Orange-throated whiptail Status: Species of Concern	Scientific Name: <i>Cnemidophorus hyperythrus</i>
Common Name: San Diego horned lizard Status: Species of Concern	Scientific Name: <i>Phrynosoma coronatum blainvillii</i>
Common Name: Coast patch-nosed snake Status: Species of Concern	Scientific Name: <i>Salvadora hexalepis virgulata</i>
Common Name: San Joaquin whipsnake Status: Species of Concern	Scientific Name: <i>Masticophis flagellum ruddocki</i>
Common Name: Mojave fringe-toed Lizard Status: Status Undefined	Scientific Name: <i>Uma scoparia</i>
Common Name: Barefoot gecko Status: Species of Concern	Scientific Name: <i>Coleonyx switaki</i>
Group: Snails	
Common Name: Peninsula Coast Range shoulderband Status: Species of Concern	Scientific Name: <i>Helminthoglypta nickliniana awania</i>
Common Name: White desertsnaill Status: Species of Concern	Scientific Name: <i>Eremarionta immaculata</i>
Common Name: Newcomb's littorine snail Status: Species of Concern	Scientific Name: <i>Algamorda newcombiana</i>
Common Name: Owens springsnail Status: Species of Concern	Scientific Name: <i>Pyrgulopsis owensensis</i>
Common Name: [Unnamed] snail Status: Species of Concern	Scientific Name: <i>Valvata virens</i>
Common Name: Cockerell's striate disc Status: Species of Concern	Scientific Name: <i>Discus shemeki cockerelli</i>
Common Name: Yates' tight coin Status: Species of Concern	Scientific Name: <i>Ammonitella yatesii</i>
Common Name: San Clemente islandsnail Status: Species of Concern	Scientific Name: <i>Micrarionta gabbii</i>
Common Name: Aardhals springsnail Status: Species of Concern	Scientific Name: <i>Pyrgulopsis aardahli</i>
Common Name: Morongo desertsnaill Status: Species of Concern	Scientific Name: <i>Eremarionta morongoana</i>
Common Name: Wongs springsnail Status: Species of Concern	Scientific Name: <i>Pyrgulopsis wongi</i>
Common Name: Pomo bronze shoulderband Status: Species of Concern	Scientific Name: <i>Helminthoglypta arrosa pomoensis</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Grapevine Springs squat tryonia Status: Species of Concern	Scientific Name: <i>Tryonia rowlandsi</i>
Common Name: Victorville shoulderband Status: Species of Concern	Scientific Name: <i>Helminthoglypta mohaveana</i>
Common Name: Bridges' Coast Range shoulderband Status: Species of Concern	Scientific Name: <i>Helminthoglypta nickliniana bridgesi</i>
Common Name: Kern shoulderband Status: Species of Concern	Scientific Name: <i>Helminthoglypta callistoderma</i>
Common Name: [Unnamed] islandsnail Status: Species of Concern	Scientific Name: <i>Micrarionta rowelli bakerensis</i>
Common Name: California McCoy snail islandsnail Status: Species of Concern	Scientific Name: <i>Micrarionta rowelli mccoiana</i>
Common Name: Badwater snail Status: Species of Concern	Scientific Name: <i>Assiminea infima</i>
Common Name: Mimic tryonia Status: Species of Concern	Scientific Name: <i>Tryonia imitator</i>
Common Name: Williams' bronze shoulderband Status: Species of Concern	Scientific Name: <i>Helminthoglypta arrosa williamsi</i>
Common Name: Santa Barbara islandsnail Status: Species of Concern	Scientific Name: <i>Micrarionta facta</i>
Common Name: Hirsute sierra sideband Status: Species of Concern	Scientific Name: <i>Monadenia mormonum hirsuta</i>
Common Name: Yosemite mariposa sideband Status: Species of Concern	Scientific Name: <i>Monadenia hillebrandi yosemitensis</i>
Common Name: Thousand Palms desertsnaill Status: Species of Concern	Scientific Name: <i>Eremarionta millepalmarum</i>
Common Name: Button's Sierra sideband Status: Species of Concern	Scientific Name: <i>Monadenia mormonum buttoni</i>
Common Name: White Abalone Status: Endangered	Scientific Name: <i>Haliotis sorenseni</i>
Common Name: Grapevine Springs elongate tryonia Status: Species of Concern	Scientific Name: <i>Tryonia margae</i>
Common Name: Redwood shoulderband Status: Species of Concern	Scientific Name: <i>Helminthoglypta sequoicola consors</i>
Common Name: Merced Canyon shoulderband Status: Species of Concern	Scientific Name: <i>Helminthoglypta allynsmithi</i>
Common Name: Wintu sideband Status: Under Review	Scientific Name: <i>Monadenia troglodytes ssp. wintu</i>

NATURAL AREAS MAP FINDINGS

Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Globular pebblesnail Status: Under Review	Scientific Name: Fluminicola sph
Common Name: Fish Slough springsnail Status: Species of Concern	Scientific Name: Pyrgulopsis perturbata
Common Name: Santa Barbara shelled slug Status: Species of Concern	Scientific Name: Binneya notabilis
Common Name: Shasta sideband Status: Under Review	Scientific Name: Monadenia troglodytes troglodytes
Common Name: Robust tryonia Status: Species of Concern	Scientific Name: Tryonia robusta
Common Name: Peninsular Range shoulderband Status: Species of Concern	Scientific Name: Helminthoglypta traski coelata
Common Name: Catalina mountainsnail Status: Species of Concern	Scientific Name: Radiocentrum avalonense
Common Name: Keeled sideband Status: Species of Concern	Scientific Name: Monadenia circumcarinata
Common Name: San Nicolas islandsnail Status: Species of Concern	Scientific Name: Micrarionta feralis
Common Name: Pricklypear islandsnail Status: Species of Concern	Scientific Name: Micrarionta opuntia

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

1
North
0-1/8 mi
0

CAESP00222313
CA Endangered Species

Common Name: chaparral sand-verbena
 Scientific Name: Abronia villosa var. aurita
 Global Rank: G5T3T4
 State Rank: S2
 CA Rare Plant Rank: Plants rare, threatened, or endangered in CA and elsewhere; seriously threatened in CA
 Federal Listing Status: None
 State Listing Status: None
 Element Type: Plant
 Element Occurrence #: 43

Common Name: mud nama
 Scientific Name: Nama stenocarpum

NATURAL AREAS MAP FINDINGS

Global Rank: G4G5
State Rank: S1S2
CA Rare Plant Rank: Plants rare, threatened, or endangered in CA, but more common elsewhere; fairly threatened in CA
Federal Listing Status: None
State Listing Status: None
Element Type: Plant
Element Occurrence #: 18

2
NNW
0-1/8 mi
573

CAESP00222035
CA Endangered Species

Common Name: chaparral sand-verbena
Scientific Name: *Abronia villosa* var. *aurita*
Global Rank: G5T3T4
State Rank: S2
CA Rare Plant Rank: Plants rare, threatened, or endangered in CA and elsewhere; seriously threatened in CA
Federal Listing Status: None
State Listing Status: None
Element Type: Plant
Element Occurrence #: 43

A3
SE
1/2-1 mi
2925

CAGO10000063674
CA Government Lands

Agency: El Centro, City of
Group: Local Government
Level: City

A4
SE
1/2-1 mi
2925

CANAPA100103650
CA Protected Areas

Holding ID: 37308
Unit Name: Sunbeam Recreation Area
Public Access Level: Open Access
Alternate Site Name: Not Reported
Owning Agency: El Centro, City of
Agency Jurisdiction: City
Agency Type: City Agency

NATURAL AREAS MAP FINDINGS

Public Access: <http://www.cityofelcentro.org/parkandrec/index.asp>
 Managing Agency: El Centro, City of
 Holding Name: Sunbeam Recreation Area
 Special Use: Not Reported
 Year Acquired: 0
 GAP Designation: Local Recreation Area
 Protection Rank: No known mandate for protection.
 URL: Not Reported

A5
 SE
 1/2-1 mi
 3451

CANAPA100103680
 CA Protected Areas

Holding ID: 37563
 Unit Name: Sunbeam Recreation Area
 Public Access Level: Open Access
 Alternate Site Name: Not Reported
 Owning Agency: El Centro, City of
 Agency Jurisdiction: City
 Agency Type: City Agency
 Public Access: <http://www.cityofelcentro.org/parkandrec/index.asp>
 Managing Agency: El Centro, City of
 Holding Name: Sunbeam Recreation Area
 Special Use: Not Reported
 Year Acquired: 0
 GAP Designation: Local Recreation Area
 Protection Rank: No known mandate for protection.
 URL: Not Reported

6
 SW
 1/2-1 mi
 3517

CAESP00222443
 CA Endangered Species

Common Name: mud nama
 Scientific Name: *Nama stenocarpum*
 Global Rank: G4G5
 State Rank: S1S2
 CA Rare Plant Rank: Plants rare, threatened, or endangered in CA, but more common elsewhere; fairly threatened in CA
 Federal Listing Status: None
 State Listing Status: None
 Element Type: Plant
 Element Occurrence #: 18

Endangered Species Codes

Global Imperilment Rank Codes - GRANK: Priority rank (1-5) based on number of occurrences through element's range.

G1 - Critically imperiled globally because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extinction.

G2 - Imperiled globally because of rarity (6-20 occurrences or few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extinction.

G3 - Vulnerable. Either very rare and local throughout its range or found locally (even abundantly at some of its locations) in a restricted range. (e.g., a single western state, a physiographic region in the East) or because of other factors making it vulnerable to extinction throughout its range; in terms of occurrences, in the range of 21 - 100.

G4 - Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery.

G5 - Demonstrably secure globally, though it may be quite rare in parts of its range, especially at the periphery.

GH - Possibly extinct or eliminated. Of historical occurrence throughout its range, i.e., formerly part of the established biota, with the expectation that it may be rediscovered (e.g., Bachman's Warbler). For historic and ecological communities, no likelihood for rediscovery, but possibility of restoration (e.g., American Chestnut Forest).

GNA - Not applicable to the element at a global level. Includes Hybrids, Invasive species, species of Domestic Origin, Cultural communities, and communities that have been managed.

GNR - Rank not assigned.

GU - Unrankable. Possibly in peril range-wide but status uncertain; more information is needed.

GX - Believed to be extinct throughout range (e.g., Passenger Pigeon) with virtually no likelihood that it will be rediscovered. For an ecological community, no restoration potential.

G#G# - Rank with a range. Used to show the range of uncertainty, will not skip more than 1 rank.

T-RANKS - T subranks are given to global ranks when a subspecies, variety, or race is considered at the state level. The subrank is made up of a "T" plus a number or letter (1, 2, 3, 4, 5, H, U, X) with the same ranking rules as a full species.

State Rank Codes - SRANK: Priority rank (1-5) based on number of occurrences through element's range.

S1 - Critically imperiled, Extremely rare. Typically 5 or fewer estimated occurrences in the state, or only a few remaining individuals, may be especially vulnerable to extirpation.

S2 - Imperiled, very rare. Typically between 5 and 20 estimated occurrences or with many individuals in fewer occurrences, often susceptible to becoming extirpated.

S3 - Vulnerable, rare to uncommon. Typically between 21 and 100 estimated occurrences, may have fewer occurrences but with large number of individuals in some populations, may be susceptible to large-scale disturbances.

S4 - Common, apparently secure under present conditions. Typically 100 or more estimated occurrences, but may be fewer with many large populations, may be restricted to only a portion of the state, usually not susceptible to immediate threats.

S5 - Demonstrably widespread, common, and secure in the state and essentially ineradicable under present conditions.

SA - Accidental.

SH - Historically known from the state, but not verified for an extended period, usually 15 years.

SU - Unrankable, not assessed. Possibly in peril in the state, but status uncertain, more information is needed. When possible, the most likely rank is assigned and a question mark is added to show uncertainty.

SX - Apparently extirpated from state.

SNR - Unranked. The state rank not yet assessed.

SRF - Reported falsely in the state.

SE - Exotic for local area.

SZ - Birds that migrate through the state but have no identifiable location.

S#S# - State level of G#G#.

Endangered Species Codes, (Continued...)

General Ranking Notes

Q - A "Q" in the global rank indicates the element's taxonomic classification as a species is a matter of conjecture among scientists.

A - Accidental - far outside usual range

C - Captive or Cultivated only

HYB - Element represents an interspecific hybrid, not a species

R - Reported but not confirmed

Z - Zero Occurrences

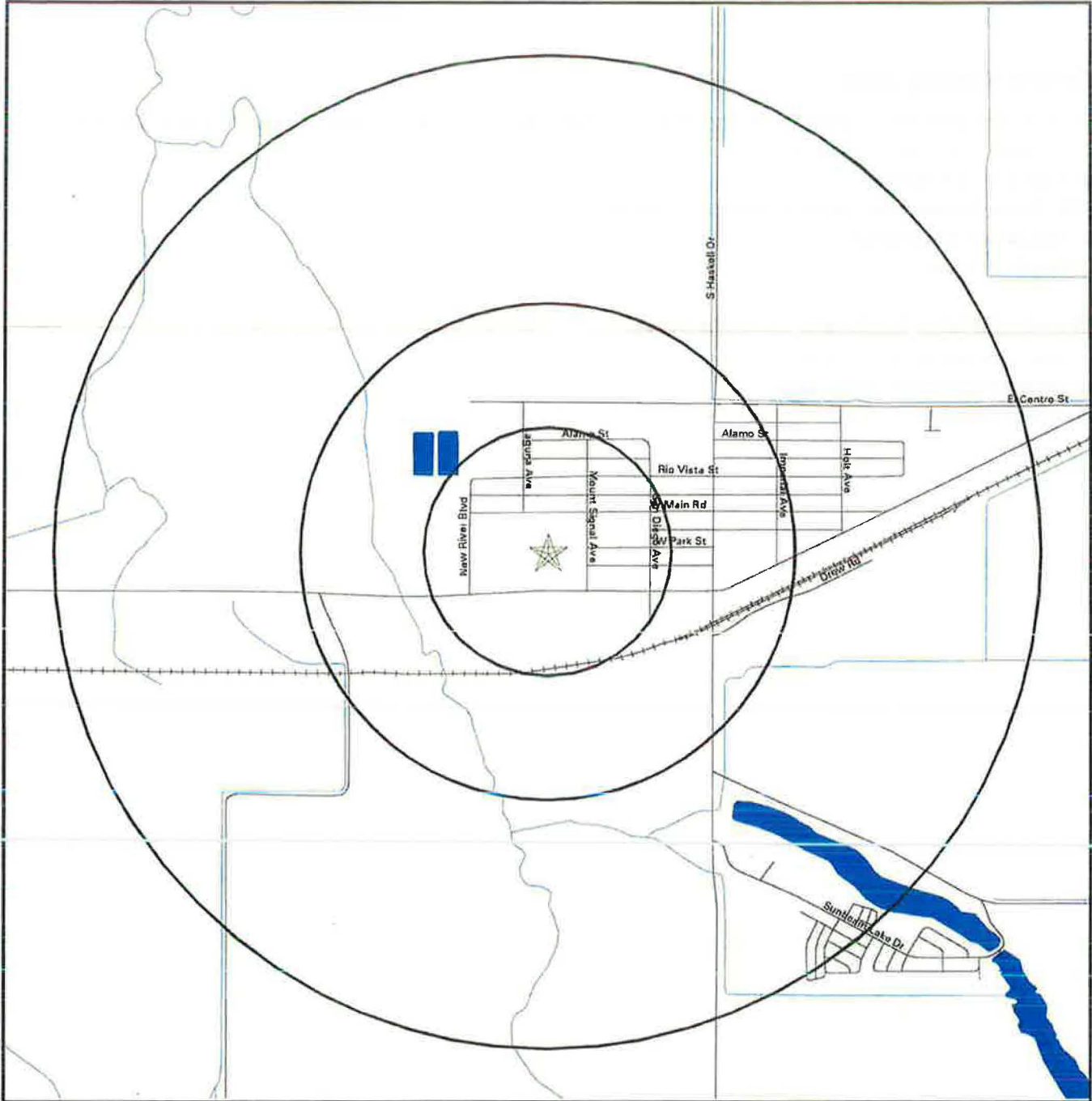
Breeding Status Qualifiers (animals only)

B - Breeding population of the element

N - Nonbreeding population of the element

M - Migrant population

Historic Sites Map



- ★ Target Property
- ∨ Streets
- ∨ County Boundary
- ∨ Waterways
- Water
- ◆ Historic Sites
- ▨ Federal Historic Areas
- ▨ State Historic Areas
- ▨ US Indian Reservations
- ▲ Scenic Trail



SITE NAME: Seeley Fire Station & Cooling Center
ADDRESS: 1862 West Evan Hewes Highway
 E! Centro CA 92243
LAT/LONG: 32.792251 / 115.696204

CLIENT: Ericsson-Grant Inc.
CONTACT: Kevin Grant
INQUIRY #: 6064238.1s
DATE: May 14, 2020

HISTORIC SITES MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

No mapped sites were found in EDR's search of available government records within the search radius around the target property.

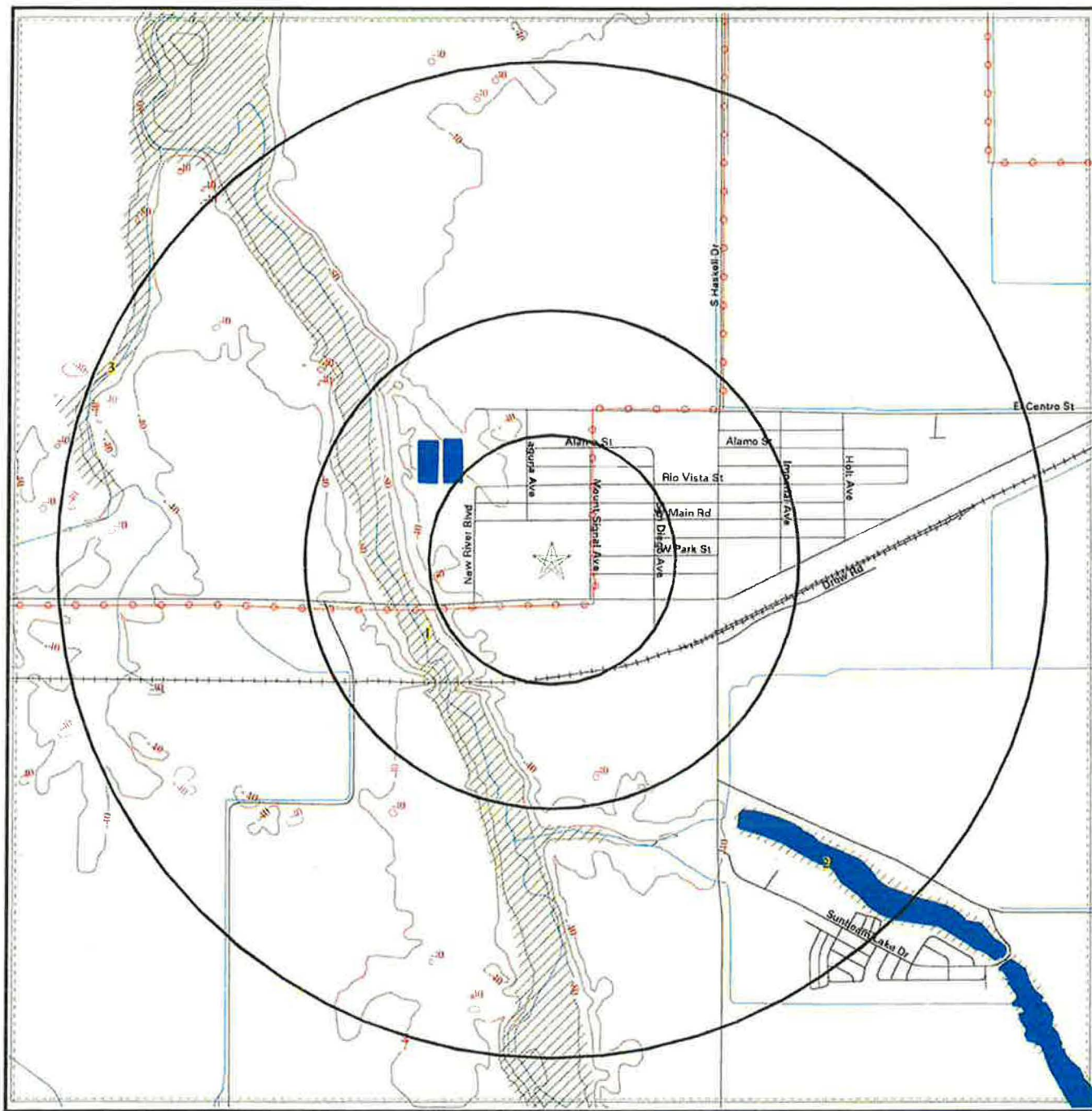
UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status
EDR ID
Database

No unmapped sites were found in EDR's search of available government records.

Flood Plain Map



- | | | |
|-----------------|-------------|------------------------------------|
| Major Roads | Power Lines | Water |
| Contour Lines | Pipe Lines | Special Flood Hazard Area (1%) |
| Waterways | Fault Lines | 0.2% Annual Chance Flood Hazard |
| County Boundary | | Electronic FEMA data available |
| | | Electronic FEMA data not available |

SITE NAME: Seeley Fire Station & Cooling Center ADDRESS: 1862 West Evan Hewes Highway El Centro CA 92243 LAT/LONG: 32.792251 / 115.696204	CLIENT: Ericsson-Grant Inc. CONTACT: Kevin Grant INQUIRY #: 6064238.1s DATE: May 14, 2020
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FLOOD PLAIN MAP FINDINGS

Source: FEMA FIRM Flood Data, FEMA Q3 Flood Data

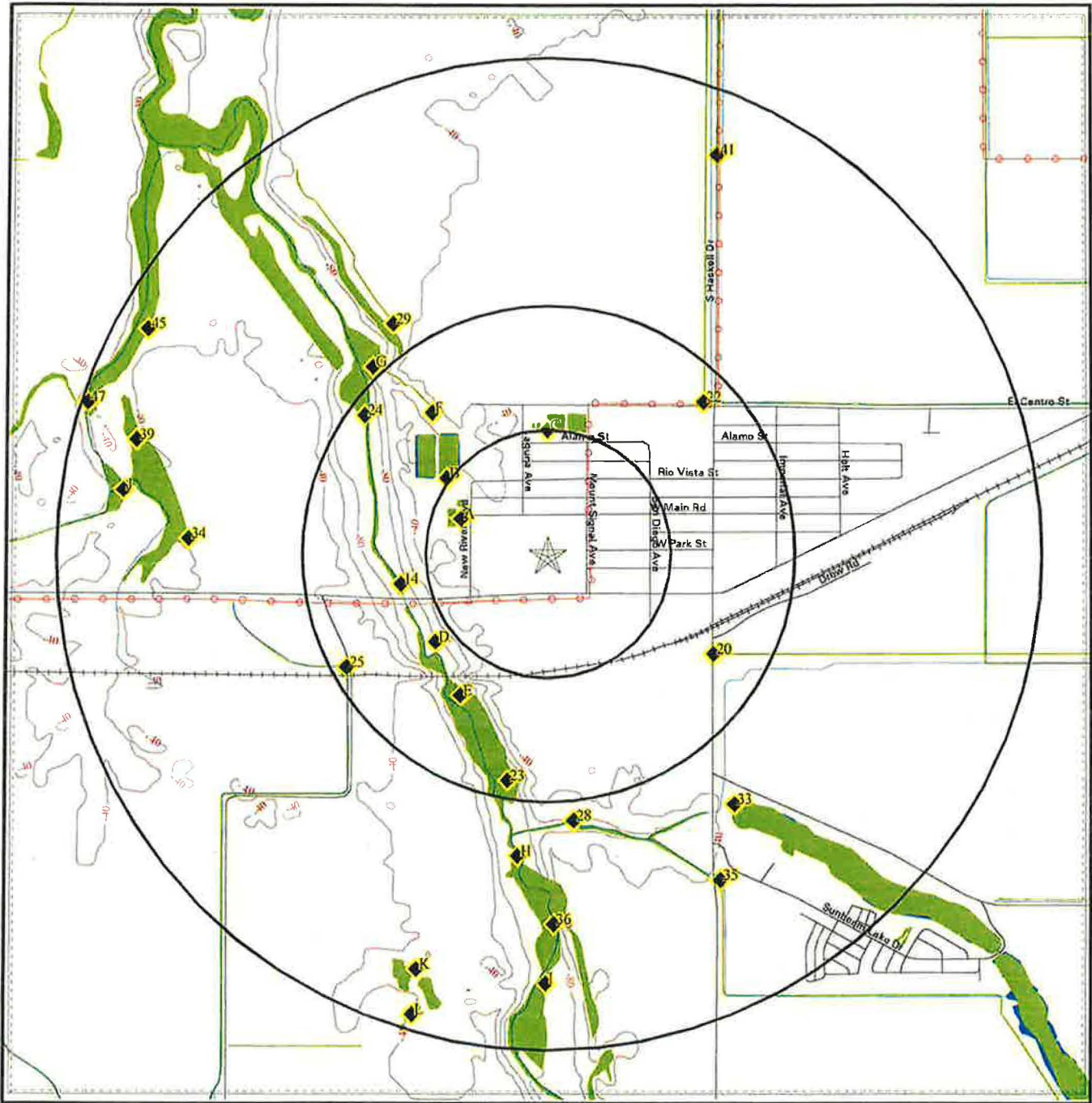
Flood Panel Number **FEMA Source Type**

Flood Plain panel at target property:
 06025C1700C (FEMA FIRM Flood data)

Additional Flood Plain panel(s) in search area:
 None Reported

Map ID Direction Distance Distance (ft.)	Description	Database
1 WSW 1/4-1/2 mi 1451	Special Flood Hazard Area: Yes Flood Hazard Area: Special Flood Hazard Area (1%) Flood Zone: A Sub Type: Not Reported	FLOODPLAIN
2 SE 1/2-1 mi 3296	Special Flood Hazard Area: Yes Flood Hazard Area: Special Flood Hazard Area (1%) Flood Zone: A Sub Type: Not Reported	FLOODPLAIN
3 West 1/2-1 mi 4735	Special Flood Hazard Area: Yes Flood Hazard Area: Special Flood Hazard Area (1%) Flood Zone: A Sub Type: Not Reported	FLOODPLAIN

Wetlands Map



- | | | |
|-----------------|-------------|-----------------------------------|
| Major Roads | Power Lines | Water |
| Contour Lines | Fault Lines | National Wetlands Inventory |
| Waterways | | State Wetlands |
| County Boundary | | Electronic NWI data available |
| | | Electronic NWI data not available |

SITE NAME: Seeley Fire Station & Cooling Center ADDRESS: 1862 West Evan Hewes Highway El Centro CA 92243 LAT/LONG: 32.792251 / 115.696204	CLIENT: Ericsson-Grant Inc. CONTACT: Kevin Grant INQUIRY #: 6064238.1s DATE: May 14, 2020
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WETLANDS MAP FINDINGS

Source: Fish and Wildlife Service NWI data

NWI hardcopy map at target property: Seeley
 Additional NWI hardcopy map(s) in search area:
 Not reported in source data

Map ID	Direction	Distance	Distance (ft.)	Code and Description*	Database
A1	WNW	1/8-1/4 mi	945	PUBKx [P] Palustrine [UB] Unconsolidated Bottom [K] Artificially Flooded [x] Excavated Lat/Lon: 32.793072 / -115.699127	NWI
A2	WNW	1/8-1/4 mi	976	PUBKx [P] Palustrine [UB] Unconsolidated Bottom [K] Artificially Flooded [x] Excavated Lat/Lon: 32.793335 / -115.699112	NWI
A3	WNW	1/8-1/4 mi	1024	PUBKx [P] Palustrine [UB] Unconsolidated Bottom [K] Artificially Flooded [x] Excavated Lat/Lon: 32.793629 / -115.699112	NWI
A4	WNW	1/8-1/4 mi	1035	PUBKx [P] Palustrine [UB] Unconsolidated Bottom [K] Artificially Flooded [x] Excavated Lat/Lon: 32.793053 / -115.699440	NWI
A5	WNW	1/8-1/4 mi	1065	PUBKx [P] Palustrine [UB] Unconsolidated Bottom [K] Artificially Flooded [x] Excavated Lat/Lon: 32.793339 / -115.699432	NWI
B6	NW	1/8-1/4 mi	1248	PUBHx [P] Palustrine [UB] Unconsolidated Bottom [H] Permanently Flooded [x] Excavated Lat/Lon: 32.794445 / -115.699333	NWI
C7	North	1/8-1/4 mi	1309	PUBHx [P] Palustrine [UB] Unconsolidated Bottom [H] Permanently Flooded [x] Excavated Lat/Lon: 32.795849 / -115.696243	NWI
C8	North	1/8-1/4 mi	1316	PUBHx [P] Palustrine [UB] Unconsolidated Bottom [H] Permanently Flooded [x] Excavated Lat/Lon: 32.795818 / -115.695473	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
C9 North 1/4-1/2 mi 1341	PUBHx [P] Palustrine [UB] Unconsolidated Bottom [H] Permanently Flooded [x] Excavated Lat/Lon: 32.795929 / -115.696465	NWI
C10 North 1/4-1/2 mi 1344	PUBHx [P] Palustrine [UB] Unconsolidated Bottom [H] Permanently Flooded [x] Excavated Lat/Lon: 32.795925 / -115.696663	NWI
D11 SW 1/4-1/2 mi 1387	PUSJ [P] Palustrine [US] Unconsolidated Shore [J] Intermittently Flooded Lat/Lon: 32.789764 / -115.699638	NWI
B12 NW 1/4-1/2 mi 1466	PUSC [P] Palustrine [US] Unconsolidated Shore [C] Seasonally Flooded [x] Excavated Lat/Lon: 32.794514 / -115.700150	NWI
D13 SW 1/4-1/2 mi 1588	R2UBH [R] Riverine [2] Lower Perennial [UB] Unconsolidated Bottom [H] Permanently Flooded Lat/Lon: 32.789261 / -115.699974	NWI
14 WSW 1/4-1/2 mi 1618	R2UBH [R] Riverine [2] Lower Perennial [UB] Unconsolidated Bottom [H] Permanently Flooded Lat/Lon: 32.791374 / -115.701370	NWI
D15 WSW 1/4-1/2 mi 1619	PSS1A [P] Palustrine [SS] Scrub Shrub [1] Broad-Leaved Deciduous [A] Temporarily Flooded Lat/Lon: 32.790039 / -115.700783	NWI
E16 SW 1/4-1/2 mi 1688	PSS1A [P] Palustrine [SS] Scrub Shrub [1] Broad-Leaved Deciduous [A] Temporarily Flooded Lat/Lon: 32.788456 / -115.699371	NWI
E17 SSW 1/4-1/2 mi 1743	PEM1C [P] Palustrine [EM] Emergent [1] Persistent [C] Seasonally Flooded Lat/Lon: 32.787933 / -115.698669	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
F18 NW 1/4-1/2 mi 1840	PEM1C [P] Palustrine [EM] Emergent [1] Persistent [C] Seasonally Flooded Lat/Lon: 32.796116 / -115.700073	NWI
E19 SW 1/4-1/2 mi 1894	PSS1A [P] Palustrine [SS] Scrub Shrub [1] Broad-Leaved Deciduous [A] Temporarily Flooded Lat/Lon: 32.787968 / -115.699722	NWI
20 ESE 1/4-1/2 mi 2069	R4SBCx [R] Riverine [4] Intermittent [SB] Streambed [C] Seasonally Flooded [x] Excavated Lat/Lon: 32.789333 / -115.690430	NWI
F21 NW 1/4-1/2 mi 2069	R4SBC [R] Riverine [4] Intermittent [SB] Streambed [C] Seasonally Flooded Lat/Lon: 32.796665 / -115.700462	NWI
22 NE 1/4-1/2 mi 2324	R4SBCx [R] Riverine [4] Intermittent [SB] Streambed [C] Seasonally Flooded [x] Excavated Lat/Lon: 32.796700 / -115.690788	NWI
23 South 1/4-1/2 mi 2447	PUBH [P] Palustrine [UB] Unconsolidated Bottom [H] Permanently Flooded Lat/Lon: 32.785625 / -115.697594	NWI
24 NW 1/4-1/2 mi 2469	PSS1C [P] Palustrine [SS] Scrub Shrub [1] Broad-Leaved Deciduous [C] Seasonally Flooded Lat/Lon: 32.796310 / -115.702644	NWI
25 WSW 1/4-1/2 mi 2478	R4SBCx [R] Riverine [4] Intermittent [SB] Streambed [C] Seasonally Flooded [x] Excavated Lat/Lon: 32.788948 / -115.703255	NWI
G26 NW 1/2-1 mi 2641	PSS1C [P] Palustrine [SS] Scrub Shrub [1] Broad-Leaved Deciduous [C] Seasonally Flooded Lat/Lon: 32.797428 / -115.702232	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
G27 NW 1/2-1 mi 2644	PSS1A [P] Palustrine [SS] Scrub Shrub [1] Broad-Leaved Deciduous [A] Temporarily Flooded Lat/Lon: 32.798061 / -115.701378	NWI
28 South 1/2-1 mi 2852	R2UBF [R] Riverine [2] Lower Perennial [UB] Unconsolidated Bottom [F] Semipermanently Flooded Lat/Lon: 32.784451 / -115.695274	NWI
29 NW 1/2-1 mi 2969	R2UBFx [R] Riverine [2] Lower Perennial [UB] Unconsolidated Bottom [F] Semipermanently Flooded [x] Excavated Lat/Lon: 32.798988 / -115.701660	NWI
G30 NW 1/2-1 mi 2988	PSS1A [P] Palustrine [SS] Scrub Shrub [1] Broad-Leaved Deciduous [A] Temporarily Flooded Lat/Lon: 32.797691 / -115.703491	NWI
H31 South 1/2-1 mi 3166	PSS1A [P] Palustrine [SS] Scrub Shrub [1] Broad-Leaved Deciduous [A] Temporarily Flooded Lat/Lon: 32.783607 / -115.697395	NWI
H32 South 1/2-1 mi 3292	PSS1A [P] Palustrine [SS] Scrub Shrub [1] Broad-Leaved Deciduous [A] Temporarily Flooded Lat/Lon: 32.783230 / -115.697075	NWI
33 SE 1/2-1 mi 3328	L1UBHh [L] Lacustrine [1] Limnetic [UB] Unconsolidated Bottom [H] Permanently Flooded [h] Diked/Impounded Lat/Lon: 32.784935 / -115.689705	NWI
34 West 1/2-1 mi 3859	PSS1C [P] Palustrine [SS] Scrub Shrub [1] Broad-Leaved Deciduous [C] Seasonally Flooded Lat/Lon: 32.792709 / -115.708755	NWI
35 SSE 1/2-1 mi 3931	R4SBCx [R] Riverine [4] Intermittent [SB] Streambed [C] Seasonally Flooded [x] Excavated Lat/Lon: 32.782715 / -115.690186	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
36 South 1/2-1 mi 3941	PSS1C [P] Palustrine [SS] Scrub Shrub [1] Broad-Leaved Deciduous [C] Seasonally Flooded Lat/Lon: 32.781418 / -115.695961	NWI
137 South 1/2-1 mi 4446	PSS1C [P] Palustrine [SS] Scrub Shrub [1] Broad-Leaved Deciduous [C] Seasonally Flooded Lat/Lon: 32.780025 / -115.696114	NWI
J38 West 1/2-1 mi 4503	PEM1C [P] Palustrine [EM] Emergent [1] Persistent [C] Seasonally Flooded Lat/Lon: 32.794250 / -115.710663	NWI
39 WNW 1/2-1 mi 4592	PUBH [P] Palustrine [UB] Unconsolidated Bottom [H] Permanently Flooded Lat/Lon: 32.795601 / -115.710609	NWI
K40 SSW 1/2-1 mi 4594	PUSA [P] Palustrine [US] Unconsolidated Shore [A] Temporarily Flooded Lat/Lon: 32.780376 / -115.701302	NWI
41 NNE 1/2-1 mi 4617	R4SBCx [R] Riverine [4] Intermittent [SB] Streambed [C] Seasonally Flooded [x] Excavated Lat/Lon: 32.803932 / -115.690323	NWI
K42 SSW 1/2-1 mi 4683	PEM1A [P] Palustrine [EM] Emergent [1] Persistent [A] Temporarily Flooded Lat/Lon: 32.779850 / -115.700302	NWI
I43 South 1/2-1 mi 4689	PEM1C [P] Palustrine [EM] Emergent [1] Persistent [C] Seasonally Flooded Lat/Lon: 32.779362 / -115.696365	NWI
J44 West 1/2-1 mi 4732	R4SBCx [R] Riverine [4] Intermittent [SB] Streambed [C] Seasonally Flooded [x] Excavated Lat/Lon: 32.794010 / -115.711464	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
45 WNW 1/2-1 mi 4924	PSS1C [P] Palustrine [SS] Scrub Shrub [1] Broad-Leaved Deciduous [C] Seasonally Flooded Lat/Lon: 32.798840 / -115.710213	NWI
L46 SSW 1/2-1 mi 4988	PUBH [P] Palustrine [UB] Unconsolidated Bottom [H] Permanently Flooded Lat/Lon: 32.779064 / -115.700668	NWI
47 WNW 1/2-1 mi 5210	R4SBC [R] Riverine [4] Intermittent [SB] Streambed [C] Seasonally Flooded Lat/Lon: 32.796692 / -115.712334	NWI
L48 SSW 1/2-1 mi 5230	PUBH [P] Palustrine [UB] Unconsolidated Bottom [H] Permanently Flooded Lat/Lon: 32.778519 / -115.701248	NWI

*See Wetland Classification System for additional information.

WETLANDS CLASSIFICATION SYSTEM

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a sub-department of the U.S. Department of the Interior. In 1974, the U.S. Fish and Wildlife Service developed a criteria for wetland classification with four long range objectives:

- to describe ecological units that have certain homogeneous natural attributes,
- to arrange these units in a system that will aid decisions about resource management,
- to furnish units for inventory and mapping, and
- to provide uniformity in concepts and terminology throughout the U.S.

High altitude infrared photographs, soil maps, topographic maps and site visits are the methods used to gather data for the productions of these maps. In the infrared photos, wetlands appear as different colors and these wetlands are then classified by type. Using a hierarchical classification, the maps identify wetland and deepwater habitats according to:

- system
- subsystem
- class
- subclass
- modifiers

(as defined by Cowardin, et al. U.S. Fish and Wildlife Service FWS/OBS 79/31. 1979.)

The classification system consists of five systems:

1. marine
2. estuarine
3. riverine
4. lacustrine
5. palustrine

The marine system consists of deep water tidal habitats and adjacent tidal wetlands. The riverine system consists of all wetlands contained within a channel. The lacustrine systems includes all nontidal wetlands related to swamps, bogs & marshes. The estuarine system consists of deepwater tidal habitats and where ocean water is diluted by fresh water. The palustrine system includes nontidal wetlands dominated by trees and shrubs and where salinity is below .5% in tidal areas. All of these systems are divided in subsystems and then further divided into class.

National Wetland Inventory Maps are produced by transferring gathered data on a standard 7.5 minute U.S.G.S. topographic map. Approximately 52 square miles are covered on a National Wetland Inventory map at a scale of 1:24,000. Electronic data is compiled by digitizing these National Wetland Inventory Maps.

SYSTEM

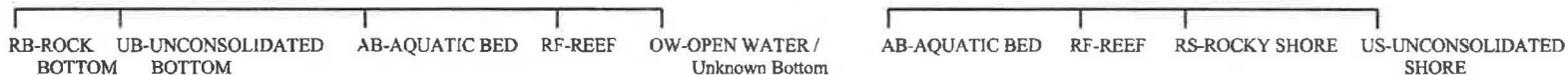
MARINE

SUBSYSTEM

1 - SUBTIDAL

2 - INTERTIDAL

CLASS



Subclass

1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm	1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic
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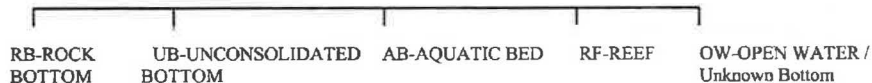
SYSTEM

E - ESTUARINE

SUBSYSTEM

1 - SUBTIDAL

CLASS



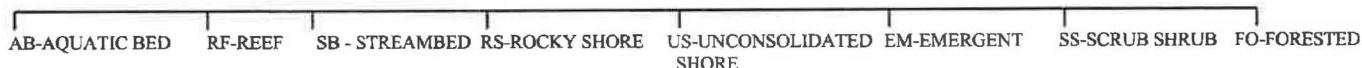
Subclass

1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm
-----------------------	---	--	---------------------

SUBSYSTEM

2 - INTERTIDAL

CLASS



Subclass

1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Persistent 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen
--	---------------------	---	-----------------------	---	---------------------------------	--	--

SYSTEM

R - RIVERINE

SUBSYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL			
CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	*SB-STREAMBED	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	**EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Mud 6 Organic 7 Vegetated	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

* STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM.

**EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS.

SYSTEM

L - LACUSTRINE

SUBSYSTEM	1 - LIMNETIC						
CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	OW-OPEN WATER/ Unknown Bottom			
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface				

SUBSYSTEM	2 - LITTORAL						
CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

SUBSYSTEM

P - PALUSTRINE

CLASS	RB--ROCK BOTTOM	UB--UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	US--UNCONSOLIDATED SHORE	ML--MOSS-LICHEN	EM--EMERGENT	SS--SCRUB-SHRUB	FO--FORESTED	OW-OPEN WATER/Unknown
Bottom									
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	1 Moss 2 Lichen	1 Persistent 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	

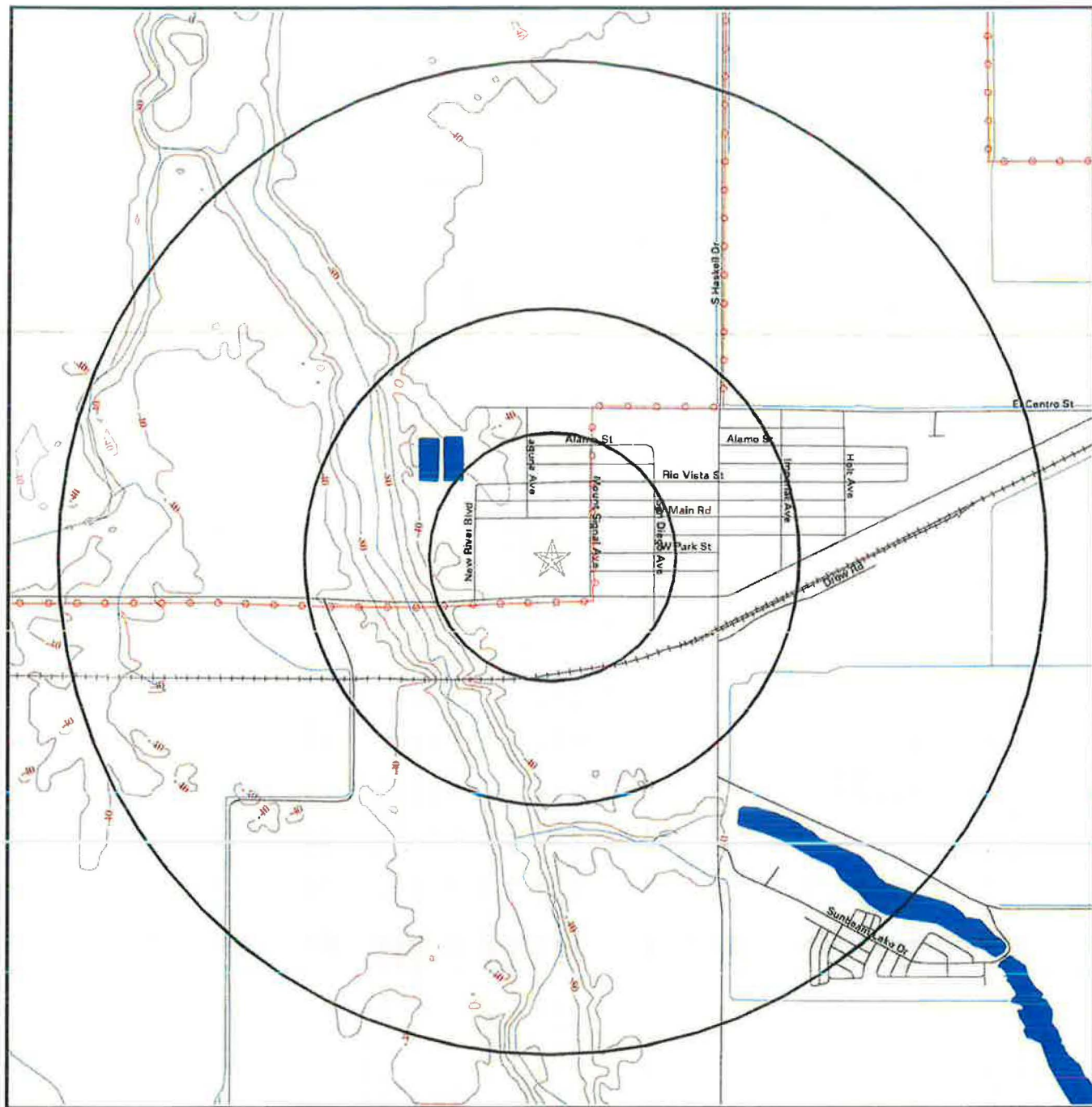
MODIFIERS

In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME				WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal	Inland	Salinity	pH	Modifiers		
A Temporarily Flooded	H Permanently Flooded	K Artificially Flooded	*S Temporary-Tidal	1 Hyperhaline	7 Hypersaline	all Fresh Water	g Organic	b Beaver
B Saturated	J Intermittently Flooded	L Subtidal	*R Seasonal-Tidal	2 Euhaline	8 Eusaline	a Acid	n Mineral	d Partially Drained/Ditched
C Seasonally Flooded	K Artificially Flooded	M Irregularly Exposed	*T Semipermanent -Tidal	3 Mixohaline (Brackish)	9 Mixosaline	t Circumneutral		f Farmed
D Seasonally Flooded/ Well Drained	W Intermittently Flooded/Temporary	N Regularly Flooded	V Permanent -Tidal	4 Polyhaline	0 Fresh	i Alkaline		h Diked/Impounded
E Seasonally Flooded/ Saturated	Y Saturated/Semipermanent/ Seasonal	P Irregularly Flooded	U Unknown	5 Mesohaline				r Artificial Substrate
F Semipermanently Flooded	Z Intermittently Exposed/Permanent	*These water regimes are only used in tidally influenced, freshwater systems.			6 Oligohaline			s Spoil
G Intermittently Exposed	U Unknown			0 Fresh				x Excavated

Source: U.S. Department of the Interior
Fish and Wildlife Service
National Wetlands Inventory

FCC & FAA Sites Map



- Streets
- Contour Lines
- County Boundary
- Waterways
- Power Lines
- Water
- Sites



<p>SITE NAME: Seeley Fire Station & Cooling Center ADDRESS: 1862 West Evan Hewes Highway El Centro CA 92243 LAT/LONG: 32.792251 / 115.696204</p>	<p>CLIENT: Ericsson-Grant Inc. CONTACT: Kevin Grant INQUIRY #: 6064238.1s DATE: May 14, 2020</p> <p style="text-align: right;">TC6064238.1s Page 76 of 89</p>
--	--

**FCC & FAA SITES MAP FINDINGS
TOWERS**

**Map ID
Direction
Distance
Distance (ft.)**

**EDR ID
Database**

No Sites Reported.

**FCC & FAA SITES MAP FINDINGS
AIRPORTS**

**EDR ID
Database**

No Sites Reported.

**FCC & FAA SITES MAP FINDINGS
POWERLINES**

EDR ID
Database

91061
POWERLINES

Voltage: 34
Range: Yes
Hi voltage: 59
Volt cat: 0-69 kV
Type: Alternating current
Status: Active
Corridor: Single line
Owner: Imperial Irrigation District
Owner id: IIDCA
Num owners: Single Owner
Operator: Imperial Irrigation District
Operator id: IIDCA
Last owner: Not Reported
Last own id: Not Reported
Last oper: Not Reported
Last oper id: Not Reported
Mileage: 4.8001142100000003

40083
POWERLINES

Voltage: 34
Range: Yes
Hi voltage: 59
Volt cat: 0-69 kV
Type: Alternating current
Status: Active
Corridor: Single line
Owner: Imperial Irrigation District
Owner id: IIDCA
Num owners: Single Owner
Operator: Imperial Irrigation District
Operator id: IIDCA
Last owner: Not Reported
Last own id: Not Reported
Last oper: Not Reported
Last oper id: Not Reported
Mileage: 2.1720070300000001

30490
POWERLINES

Voltage: 34
Range: Yes
Hi voltage: 59
Volt cat: 0-69 kV
Type: Alternating current

**FCC & FAA SITES MAP FINDINGS
POWERLINES**

**EDR ID
Database**

Status:	Active
Corridor:	Single line
Owner:	Imperial Irrigation District
Owner id:	IIDCA
Num owners:	Single Owner
Operator:	Imperial Irrigation District
Operator id:	IIDCA
Last owner:	Not Reported
Last own id:	Not Reported
Last oper:	Not Reported
Last oper id:	Not Reported
Mileage:	6.4768141899999998

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Various Federal laws and executive orders address specific environmental concerns. NEPA requires the responsible offices to integrate to the greatest practical extent the applicable procedures required by these laws and executive orders. EDR provides key contacts at agencies charged with implementing these laws and executive orders to supplement the information contained in this report.

NATURAL AREAS

Wilderness Areas

Government Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks

- Forests

- Monuments

- Wildlife Sanctuaries, Preserves, Refuges

- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

US NWP: National Wilderness Preservation System

This map layer consists of National Wilderness Preservation System areas of 320 acres or more, in the United States, Puerto Rico, and the U.S. Virgin Islands. Some established wilderness areas which are larger than 320 acres are not included in this map layer because their boundaries were not available from the owning or administering agency.

Source: U.S. Geological Survey.

Telephone: 888-275-8747

Federal Contacts for Additional Information

National Park Service, Pacific West Region

600 Harrison Street, Suite 600

San Francisco, CA 94107

415-427-1300

USDA Forest Service, Pacific Southwest

630 Sansome Street

San Francisco, CA 94111

415-705-2557

BLM - California State Office

2800 Cottage Way, Room W-1834

Sacramento, CA 95825-1886

916-978-4400

Fish & Wildlife Service, Fish & Wildlife Region 8

2800 Cottage Way W-2606

Sacramento, CA 95825

916-414-6464

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Wildlife Preserves, Sanctuaries and Refuges

Governmental Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks

- Forests

- Monuments

- Wildlife Sanctuaries, Preserves, Refuges

- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

CA Conservation Easement: Conservation Easement Database

The California Conservation Easement Database (CCED) contains GIS data for conservation and open space easements for public and private property.

Source: GreenInfo Network.

Telephone: 510-350-8700

CA Government Land: CA Government Owned Land

Statewide GIS layer of land ownership, compiled from multiple data sources and snapped to county parcels.

Source: Cal Fire.

Telephone: 916-653-5123

CA PCT Lands: CA Public, Conservation and Trust Lands

A 1:100,000 polygon features class representing public, conservation and trust land ownership in the state of California. Developed for the California Resources Agency Legacy Project, this dataset depicts ownership features as submitted by major public, trust, and non-profit groups in the state.

Source: California Resources Agency.

Telephone: 510-653-1369

CA Protected Areas: Protected Areas Database

The California Protected Areas Database (CPAD) contains GIS data about lands that are owned in fee and protected for open space purposes by over 1,000 public agencies or non-profit organizations.

Source: GreenInfo Network.

Telephone: 510-350-8700

CA ACEC: Areas of Critical Environmental Concern

BLM Areas of Critical Environmental Concern in California

Source: Bureau of Land Management.

Telephone: 916-978-4400

US ACEC: Areas of Critical Environmental Concern Designated Polygons

The designated ACECs are "areas within the public lands where special management attention is required to protect and prevent irreparable damage to important historic, cultural, or scenic values, fish and wildlife resources or other natural systems of processes, or to protect life and safety from natural hazards

Source: Bureau of Land Management.

Telephone: 202-912-7352

US Critical Water Habitat: US Critical Water Habitat

When a species is proposed for listing as endangered or threatened under the Endangered Species Act, the U.S.

Fish and Wildlife Service must consider whether there are areas of habitat believed to be essential the species conservation.

Those areas may be proposed for designation as critical habitat. Critical habitat is a term defined and used in the Act.

Source: US Fish & Wildlife Services.

Telephone: 970-226-9468

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

US Proclamation Boundaries: US Proclamation Boundaries
Approved, Proclamation or Extent Boundary
Source: USGS.
Telephone: 208-301-8288

US Scenic River: National Wild and Scenic River System
National Wild and Scenic Rivers System
Source: USGS National Atlas and the Interagency Wild and Scenic River Coordinating Council.
Telephone: 509-546-8333

US NCED: National Conservation Easement Database
NCED shows a comprehensive picture of privately owned conservation easement lands in the U.S. The NCED will allow better strategic planning for conservation and development by merging data on land protection with biodiversity and resources, improving ecological and economic plans and investments.
Source: U.S Endowment for Forestry and Communities.
Telephone: 202-621-1647

US Critical Land Habitat: US Critical Land Habitat
When a species is proposed for listing as endangered or threatened under the Endangered Species Act, the U.S. Fish and Wildlife Service must consider whether there are areas of habitat believed to be essential the species conservation. Those areas may be proposed for designation as critical habitat. Critical habitat is a term defined and used in the Act.
Source: US Fish & Wildlife Services.
Telephone: 970-226-9468

Federal Contacts for Additional Information
Fish & Wildlife Service, Fish & Wildlife Region 8
2800 Cottage Way W-2606
Sacramento, CA 95825
916-414-6464

State Contacts for Additional Information
Department of Fish and Wildlife 916-653-7667

Wild and scenic rivers

Government Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS
Telephone: 703-648-5094
Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.
- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.
Date of Government Version: 12/31/2005

Federal Contacts for Additional Information
Fish & Wildlife Service, Fish & Wildlife Region 8
2800 Cottage Way W-2606
Sacramento, CA 95825
916-414-6464

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Endangered Species

Government Records Searched in This Report

CA Endangered Species: Natural Diversity Database

Source: Dept. of Fish and Game.

Telephone: 916-324-3812

CA Endangered Species: California Natural Diversity Database

The California Natural Diversity Database (CNDDB) provides location and status information for the California most imperiled species.

Source: Department of Fish and Wildlife.

Telephone: 916-322-2493

Federal Endangered Species by County: Threatened and Endangered Species Listing

Endangered, Threatened, Emergency Listing (Endangered), Emergency Listing (Threatened), Experimental Population (Essential), Experimental Population (Non-Essential), Similarity of Appearance (Endangered), Similarity of Appearance (Threatened).

Source: US Fish and Wildlife Services.

Telephone: 800-344-9453

Federal Contacts for Additional Information

Fish & Wildlife Service, Fish & Wildlife Region 8

2800 Cottage Way W-2606

Sacramento, CA 95825

916-414-6464

State Contacts for Additional Information

Natural Heritage Program, Dept. of Fish & Game 916-322-2493

LANDMARKS, HISTORICAL, AND ARCHEOLOGICAL SITES

Historic Places

Government Records Searched in This Report

National Register of Historic Places:

The National Register of Historic Places is the official federal list of districts, sites, buildings, structures, and objects significant in American history, architecture, archeology, engineering, and culture. These contribute to an understanding of the historical and cultural foundations of the nation. The National Register includes:

- All prehistoric and historic units of the National Park System;
- National Historic Landmarks, which are properties recognized by the Secretary of the Interior as possessing national significance; and
- Properties significant in American, state, or local prehistory and history that have been nominated by State Historic Preservation Officers, federal agencies, and others, and have been approved for listing by the National Park Service.

Date of Government Version: 07/19/2015

CA Historic Landmarks: CA Historical Landmarks

Historical Landmarks are sites, buildings, features or events that are of statewide significance and have anthropological, cultural, military, political, architectural, economic, scientific or technical, religious, experimental, or other value

Source: Office of Historic Preservation.

Telephone: 916-653-6624

Potomac Heritage National Scenic Trail: Potomac Heritage National Scenic Trail

Source: Potomac Heritage NST Office.

Telephone: 304-535-4014

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Natchez Trace National Scenic Trail: Natchez Trace National Scenic Trail

Source: Natchez Trace Parkway.

Telephone: 800-305-7417

Indian Reservations: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Source: USGS.

Telephone: 202-208-3710

US Trails: US Trails

This dataset contains a baseline inventory and condition assessment of all non-motorized trails on U.S.

Fish and Wildlife Service lands as part of the National Trails Inventory Program conducted by the US Dept. of Transportation, Federal Highway Administration, Federal Lands Highway Division.

Source: U.S. Fish and Wildlife.

Telephone: 703-358-2205

Federal Contacts for Additional Information

Park Service; Advisory Council on Historic Preservation

1849 C Street NW

Washington, DC 20240

Phone: (202) 208-6843

State Contacts for Additional Information

Office of Historic Preservation, Ept. Of Parks & Recreation 916-653-6624

Indian Religious Sites

Government Records Searched in This Report

Indian Reservations:

This map layer portrays Indian administrated lands of the United States that have any area equal to or greater than 640 acres.

Source: USGS

Phone: 888-275-8747

Date of Government Version: 12/31/2005

Federal Contacts for Additional Information

Department of the Interior- Bureau of Indian Affairs

Office of Public Affairs

1849 C Street, NW

Washington, DC 20240-0001

Office: 202-208-3711

Fax: 202-501-1516

National Association of Tribal Historic Preservation Officers

1411 K Street NW, Suite 700

Washington, DC 20005

Phone: 202-628-8476

Fax: 202-628-2241

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

State Contacts for Additional Information

A listing of local Tribal Leaders and Bureau of Indian Affairs Representatives can be found at:
<http://www.doi.gov/bia/areas/agency.html>

Phoenix Area Office, Bureau of Indian Affairs
One North First Street P.O. Box 10
Phoenix, AZ 85001
602-379-6600

Sacramento Area Office, Bureau of Indian Affairs
2800 Cottage Way
Sacramento, CA 95825
916-979-2600

Cultural Division, Yuork Tribe
1034 6th Street
Eureka, CA 95501

Scenic Trails

State Contacts for Additional Information

Pacific Crest Trail Association
5325 Elkhorn Boulevard, #256
Sacramento, California 95842
916-349-2109

FLOOD PLAIN, WETLANDS AND COASTAL ZONE

Flood Plain Management

Government Records Searched in This Report

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts Special Flood Hazard Areas (1%) and 0.2% Annual Chance of Flood Hazard as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Phone: 877-336-2627

Date of Government Version: 2015, 2003

Federal Contacts for Additional Information

Federal Emergency Management Agency 877-3362-627

State Contacts for Additional Information

Office of Emergency Services 916-262-1843

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Wetlands Protection

Government Records Searched in This Report

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010, and 2015 from the U.S. Fish and Wildlife Service.

Source: U.S. Fish and Wildlife Service.

Phone: 608-238-9333

Date of Government Version: 05/28/2015

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

Federal Contacts for Additional Information

Fish & Wildlife Service 813-570-5412

State Contacts for Additional Information

Department of Fish and Wildlife 916-653-7667

Coastal Zone Management

Government Records Searched in This Report

CAMA Management Areas

Dept. of Env., Health & Natural Resources

919-733-2293

Federal Contacts for Additional Information

Office of Ocean and Coastal Resource Management

N/ORM, SSMC4

1305 East-West Highway

Silver Spring, Maryland 20910

301-713-3102

State Contacts for Additional Information

California Coastal Commission 415-904-5200

Government Records Searched in This Report

CA Coastline Information

Department of Fish and Game

831-649-7143

FCC & FAA SITES MAP

For NEPA actions that come under the authority of the FCC, the FCC requires evaluation of Antenna towers and/or supporting structures that are to be equipped with high intensity white lights which are to be located in residential neighborhoods, as defined by the applicable zoning law.

Government Records Searched in This Report

Cellular

Federal Communications Commission

445 12th Street, SW

Washington, DC 20554

888-225-5322

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Antenna Structure Registration

Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

AM Antenna

Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

FM Antenna

Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
888-225-5322

FAA Digital Obstacle File

Federal Aviation Administration (FAA)
1305 East-West Highway, Station 5631
Silver Spring, MD 20910-3281
Telephone: 301-713-2817

Describes known obstacles of interest to aviation users in the US. Used by the Federal Aviation Administration (FAA) and the National Oceanic and Atmospheric Administration to manage the National Airspace System.

Airport Landing Facilities

Federal Aviation Administration
Telephone (800) 457-6656
Private and public use landing facilities.

Electric Power Transmission Line Data

PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Excessive Radio Frequency Emission

For NEPA actions that come under the authority of the FCC, Commission actions granting construction permits, licenses to transmit or renewals thereof, equipment authorizations or modifications in existing facilities, require the determination of whether the particular facility, operation or transmitter would cause human exposure to levels of radio frequency in excess of certain limits.

Federal Contacts for Additional Information

Office of Engineering and Technology
Federal Communications Commission
445 12th Street SW
Washington, DC 20554
Phone: 202-418-2470

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

OTHER CONTACT SOURCES

NEPA Single Point of Contact

State Contacts for Additional Information

Grants Coordination

State Clearinghouse

P.O. Box 3044

Room 222

Sacramento, CA 95812-3044

916-445-0613

STREET AND ADDRESS INFORMATION

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APPENDIX B

**FEMA
FEDERAL INSURANCE RATE MAP**

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National Flood Hazard Layer FIRMette



32°47'43.07"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- | | | |
|-----------------------------|--|--|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE)
<i>Zone A, Zone B</i> |
| | | With BFE or Depth <i>Zone AE, AO, AH, AR, AR</i> |
| | | Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone A</i> |
| | | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i> |
| | | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i> |
| | | Area with Flood Risk due to Levee <i>Zone X</i> |
| OTHER AREAS | | Area of Minimal Flood Hazard <i>Zone X</i> |
| | | Effective LOMRs |
| | | Area of Undetermined Flood Hazard <i>Zone A</i> |
| GENERAL STRUCTURES | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |
| OTHER FEATURES | | Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| | | Coastal Transect Baseline |
| MAP PANELS | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/19/2020 at 8:13:24 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

EEC ORIGINAL PKG

© 2020 The MapSource Group, Inc. Imagery, Data refreshed April, 2018.

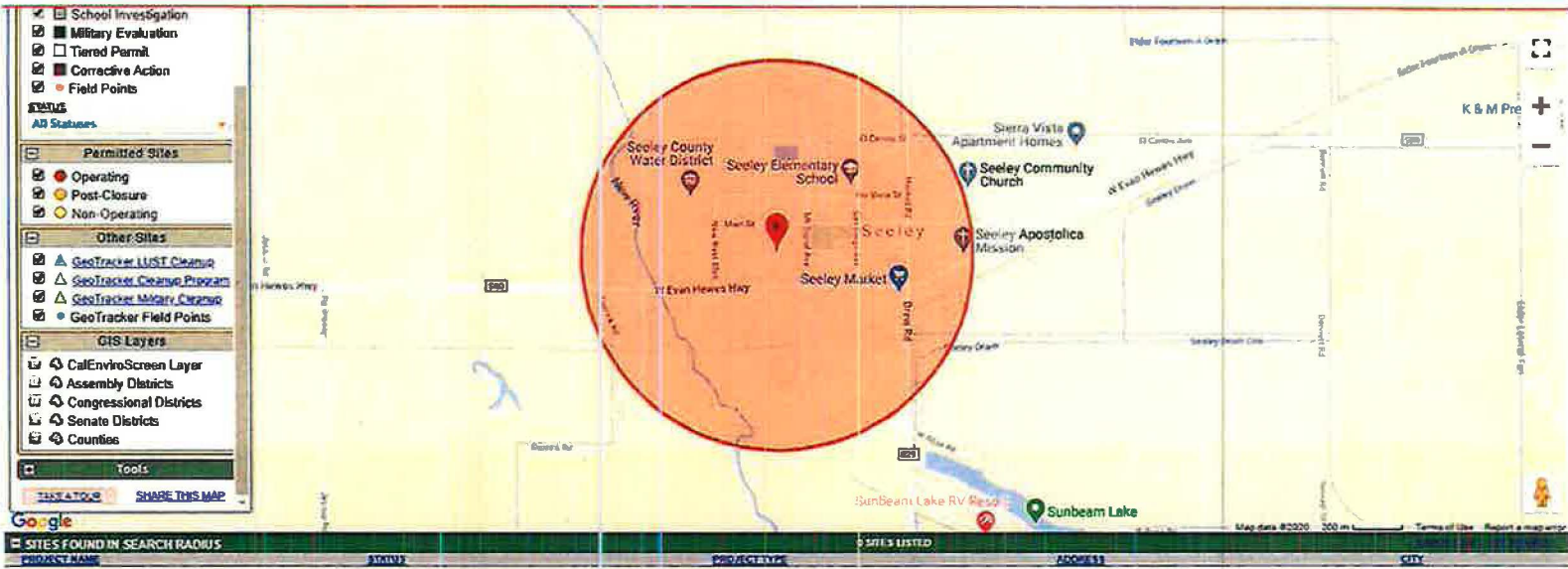
0 250 500 1,000 1,500 2,000 Feet 1:6,000 32°47'12.82"N

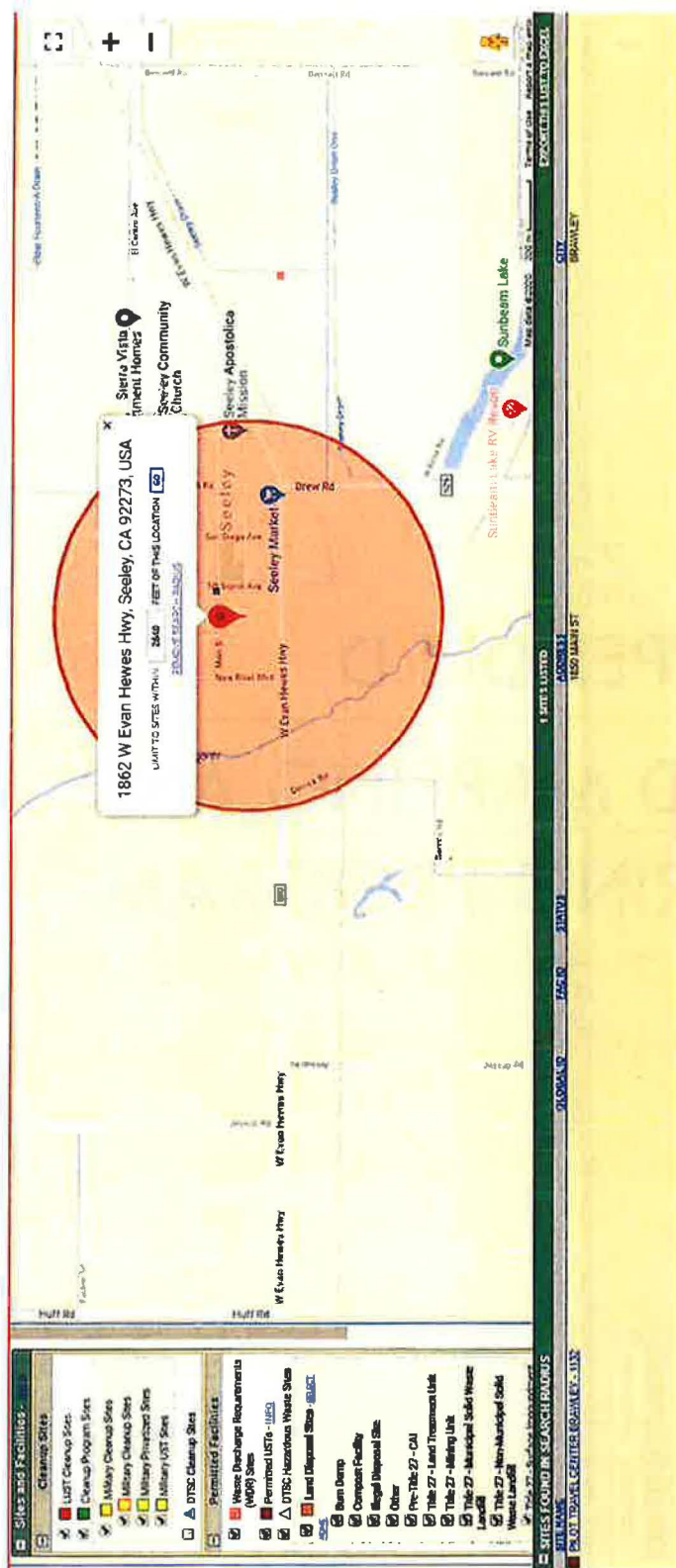
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APPENDIX C

ENVIROSTOR &
GEOTRACKER

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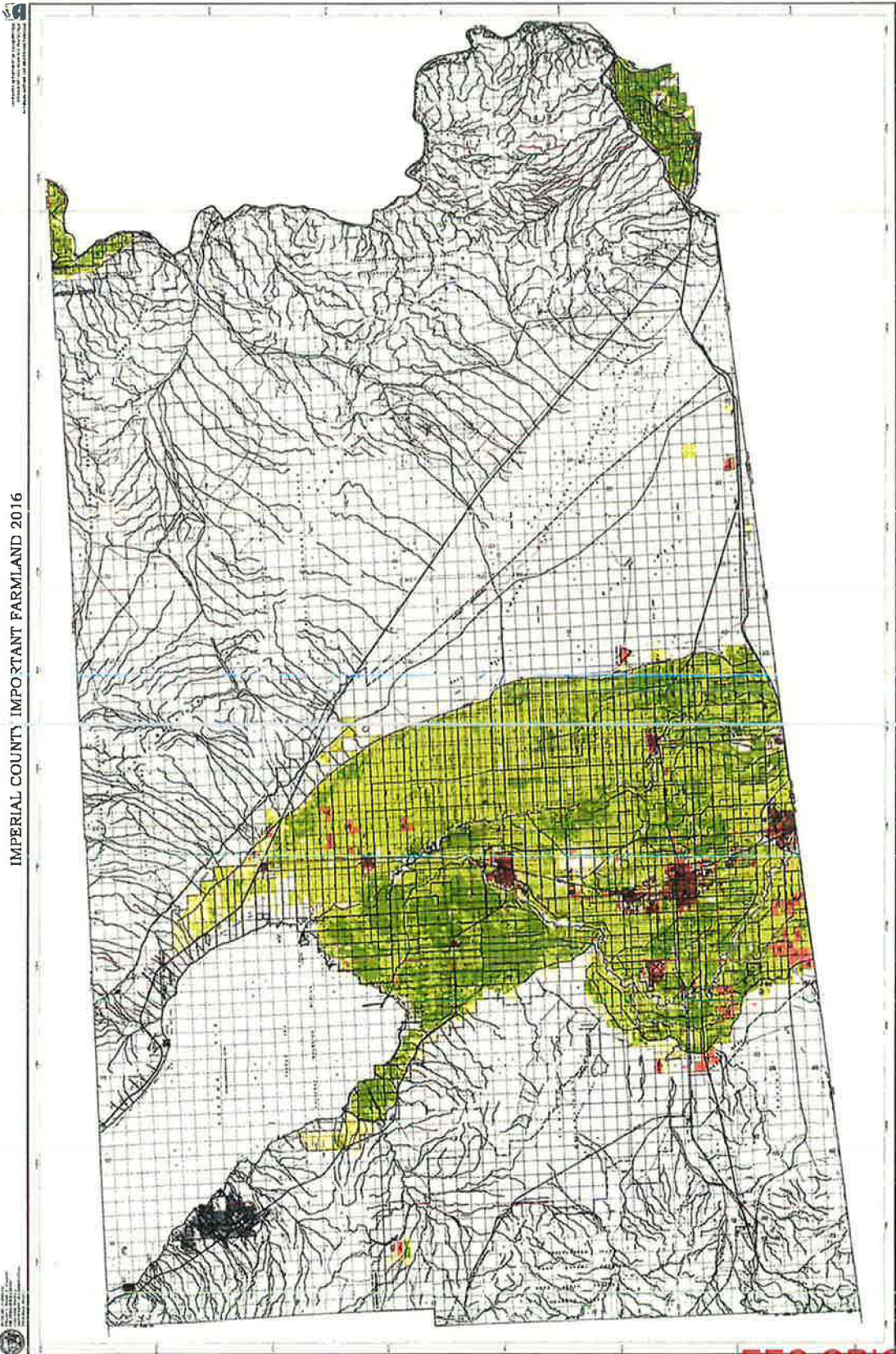


APPENDIX D

FARMLAND MAPPING AND MONITORING PROGRAM

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IMPERIAL COUNTY IMPORTANT FARMLAND 2016



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APPENDIX E

SOLE SOURCE AQUIFER

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Source: United States Environmental Protection Agency/Google Earth 2016.

MAP OF SOLE SOURCE AQUIFERS RELATIVE TO PROJECT SITE

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APPENDIX F

WILD & SCENIC RIVERS

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HOME | NATIONAL SYSTEM | MANAGEMENT | RESOURCES | PUBLICATIONS | CONTACT US | 50 YEARS |

CALIFORNIA

California has approximately 189,454 miles of river, of which 1,999.6 miles are designated as wild & scenic—1% of the state's river miles.



California	▼	Go
Choose A River	▼	Go

Seen as barren by the first explorers to today's first-time visitors, the rivers of the high desert simply hide their treasures well.

[+ View larger map](#)

- Amargosa River**
- American River (Lower)**
- American River (North Fork)**
- Bautista Creek**
- Big Sur River**
- Black Butte River**
- Cottonwood Creek**
- Eel River**
- Feather River**
- Fuller Mill Creek**
- Kem River**
- Kings River**
- Klamath River**
- Merced River**
- Owens River Headwaters**
- Palm Canyon Creek**
- Piru Creek**
- San Jacinto River (North Fork)**
- Sespe Creek**

Sisquoc River
Smith River
Trinity River
Tuolumne River

[NATIONAL RIVERS INVENTORY](#) | [CONTACT US](#) | [PRIVACY NOTICE](#) | [Q & A SEARCH ENGINE](#) | [SITE MAP](#)



Designated Rivers

[About WSR Act](#)
[State Listings](#)
[Profile Pages](#)

National System

[WSR Table](#)
[Study Rivers](#)
[Stewardship](#)
[WSR Act Legislation](#)

River Management

[Council](#)
[Agencies](#)
[Management Plans](#)
[GIS Mapping](#)

Resources

[Q & A Search](#)
[Bibliography](#)
[Publications](#)
[GIS Mapping](#)
[Logo & Sign Standards](#)
[Display](#)

**Invitation to Consult Under Section 106 –
Seeley Fire Station and Cooling Center**

Imperial County Workforce & Economic Development
Division of Community & Economic Development

Priscilla Lopez
ICWED Director



2799 S. 4th Street
El Centro, CA 92243
Tel: (760) 337-5000
Fax: (760) 370-5005

June 02, 2020

Dennis Patch, Chairman
Colorado River Indian Tribes of the Colorado River Indian Reservation
26600 Mohave Road
Parker, AZ 85344

RE: Invitation to Consult Under Section 106 – Seeley Fire Station and Cooling Center

Dennis Patch,

This letter formally invites you to request consultation pursuant to Section 106 of the National Historic Preservation Act (NHPA) regarding the proposed Seeley Fire Station and Cooling Center.

Section 106 requires consultation with federally-recognized Indian tribes when a project may affect a historic property of religious and cultural significance to the tribe. Section 106 covers a broad range of projects, including construction, renovation, repair, or rehabilitation; ground disturbances (e.g. sewer lines, utility lines [above and below ground], foundations; footings, grading, access roads) and changes to an area's visual characteristics. To this end, the County is contacting you to consult on this project.

The County of Imperial is committed to fulfilling the goals of Section 106 and believes that tribal participation in the planning process is crucial for the success of the proposed project. The Imperial County Workforce and Economic Development Department performed a search on HUD's Tribal Directory Assessment Tool (TDAT) to obtain a list of tribes who should be included in the planning consultation process regarding the proposed project and your name was included in the NAHC's response.

The Seeley Fire Station and Cooling Center is proposed on an 8.54-acre parcel (051-241-006) located at 1862 West Evan Hewes Highway, Seeley, CA 92273. The Colonia of Seeley is approximately 11 miles southwest of the City of Imperial, 8 miles west of the City of El Centro and 14 miles northwest of Heber. Attached please find the regional location, and project vicinity maps of the proposed project.

If your tribe would like to consult with the County of Imperial regarding this project, please respond in writing to Priscilla Lopez, County of Imperial, 2799 S. 4th, El Centro, CA 92243. Any sensitive information shared with the County regarding cultural places and/or sacred sites will be kept strictly confidential and will not be divulged to the public.

Respectfully,

Priscilla Lopez
Director of Workforce & Economic Development

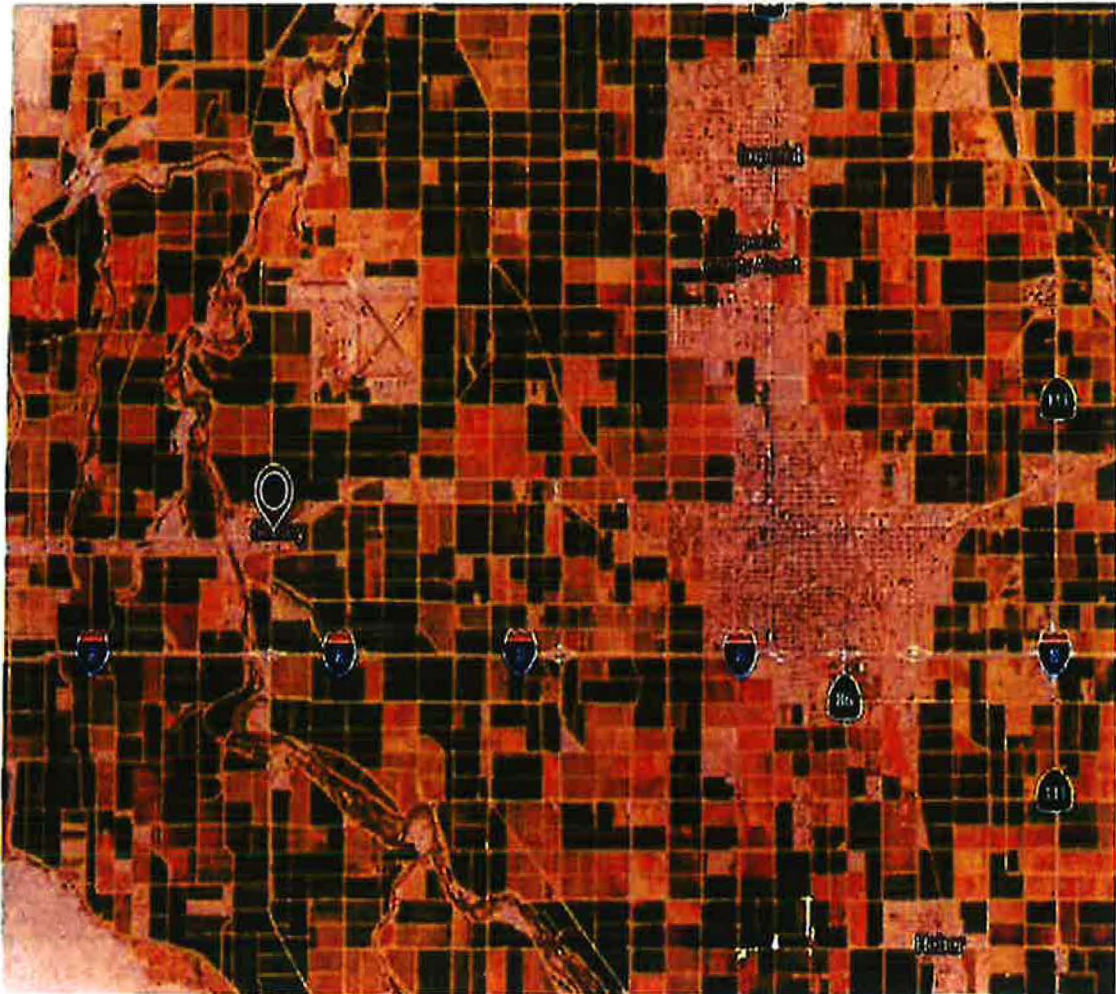
AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

EEC ORIGINAL PKG

**Attachments: Regional Location Map
Project Vicinity Map**

☐ ☐ Tony Roubalas Jr., County executive Officer
Bede Padilla, Community & Economic Development Manager
Tyler Mayo, Economic Development Coordinator

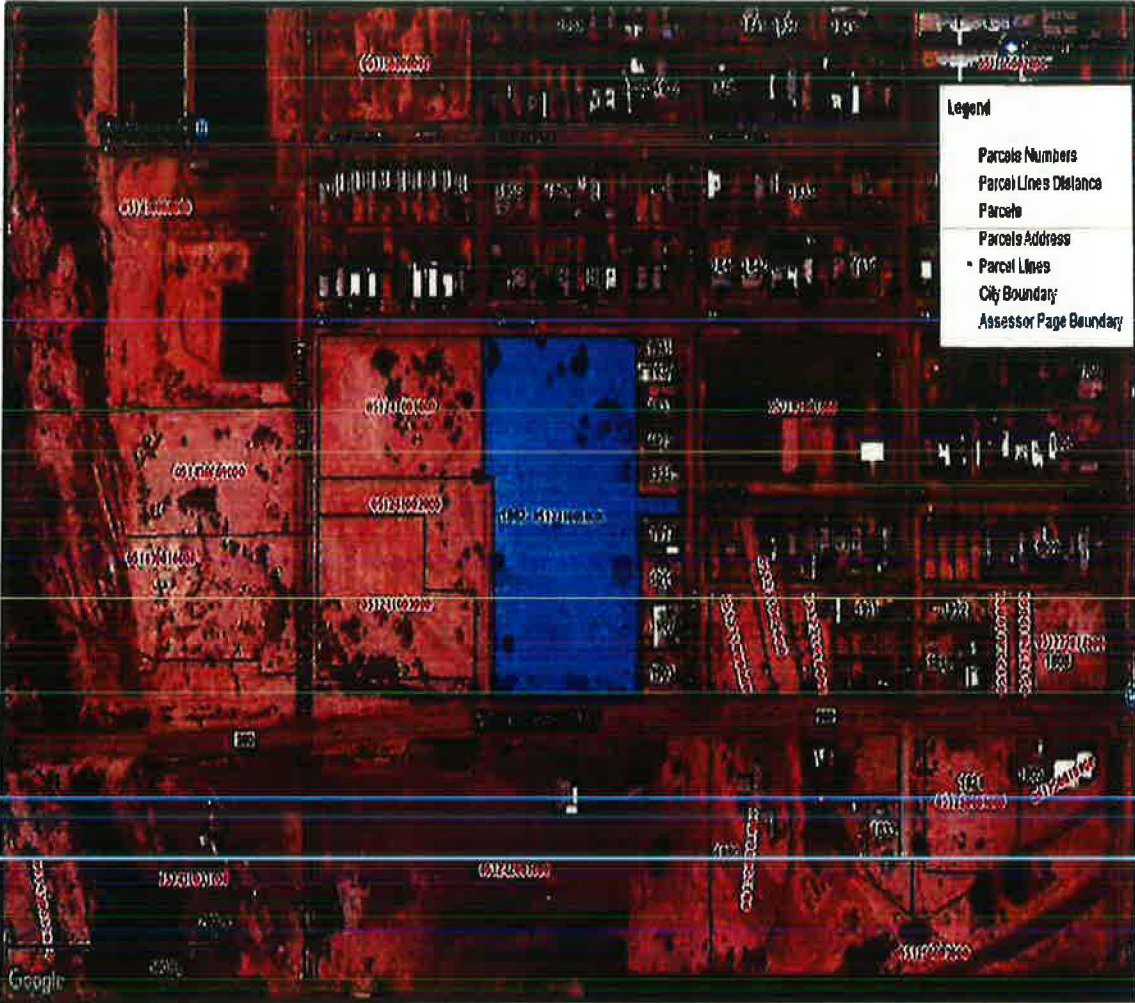
Regional Location Map



AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

EEC ORIGINAL PKG

Project Vicinity Map



1" = 376 ft		12/17/2018		
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This map represents a visual display of related geographic information. Data provided hereon is not a guarantee of actual field conditions. To be sure of complete accuracy, please contact Imperial County staff for the most up-to-date information.

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

EEC ORIGINAL PKG

Imperial County Workforce & Economic Development
Division of Community & Economic Development

Priscilla Lopez
ICWED Director



2799 S. 4th Street
El Centro, CA 92243
Tel: (760) 337-5000
Fax: (760) 370-5005

June 02, 2020

Robert Pinto, Chairperson
Ewiiapaayp Band of Kumeyaay Indians
4054 Willows Road
Alpine, CA 91901

RE: Invitation to Consult Under Section 106 – Seeley Fire Station and Cooling Center

Robert Pinto,

This letter formally invites you to request consultation pursuant to Section 106 of the National Historic Preservation Act (NHPA) regarding the proposed Seeley Fire Station and Cooling Center.

Section 106 requires consultation with federally-recognized Indian tribes when a project may affect a historic property of religious and cultural significance to the tribe. Section 106 covers a broad range of projects, including construction, renovation, repair, or rehabilitation; ground disturbances (e.g. sewer lines, utility lines [above and below ground], foundations; footings, grading, access roads) and changes to an area's visual characteristics. To this end, the County is contacting you to consult on this project.

The County of Imperial is committed to fulfilling the goals of Section 106 and believes that tribal participation in the planning process is crucial for the success of the proposed project. The Imperial County Workforce and Economic Development Department performed a search on HUD's Tribal Directory Assessment Tool (TDAT) to obtain a list of tribes who should be included in the planning consultation process regarding the proposed project and your name was included in the NAHC's response.

The Seeley Fire Station and Cooling Center is proposed on an 8.54-acre parcel (051-241-006) located at 1862 West Evan Hewes Highway, Seeley, CA 92273. The Colonia of Seeley is approximately 11 miles southwest of the City of Imperial, 8 miles west of the City of El Centro and 14 miles northwest of Heber. Attached please find the regional location, and project vicinity maps of the proposed project.

If your tribe would like to consult with the County of Imperial regarding this project, please respond in writing to Priscilla Lopez, County of Imperial, 2799 S. 4th, El Centro, CA 92243. Any sensitive information shared with the County regarding cultural places and/or sacred sites will be kept strictly confidential and will not be divulged to the public.

Respectfully,

Priscilla Lopez
Director of Workforce & Economic Development

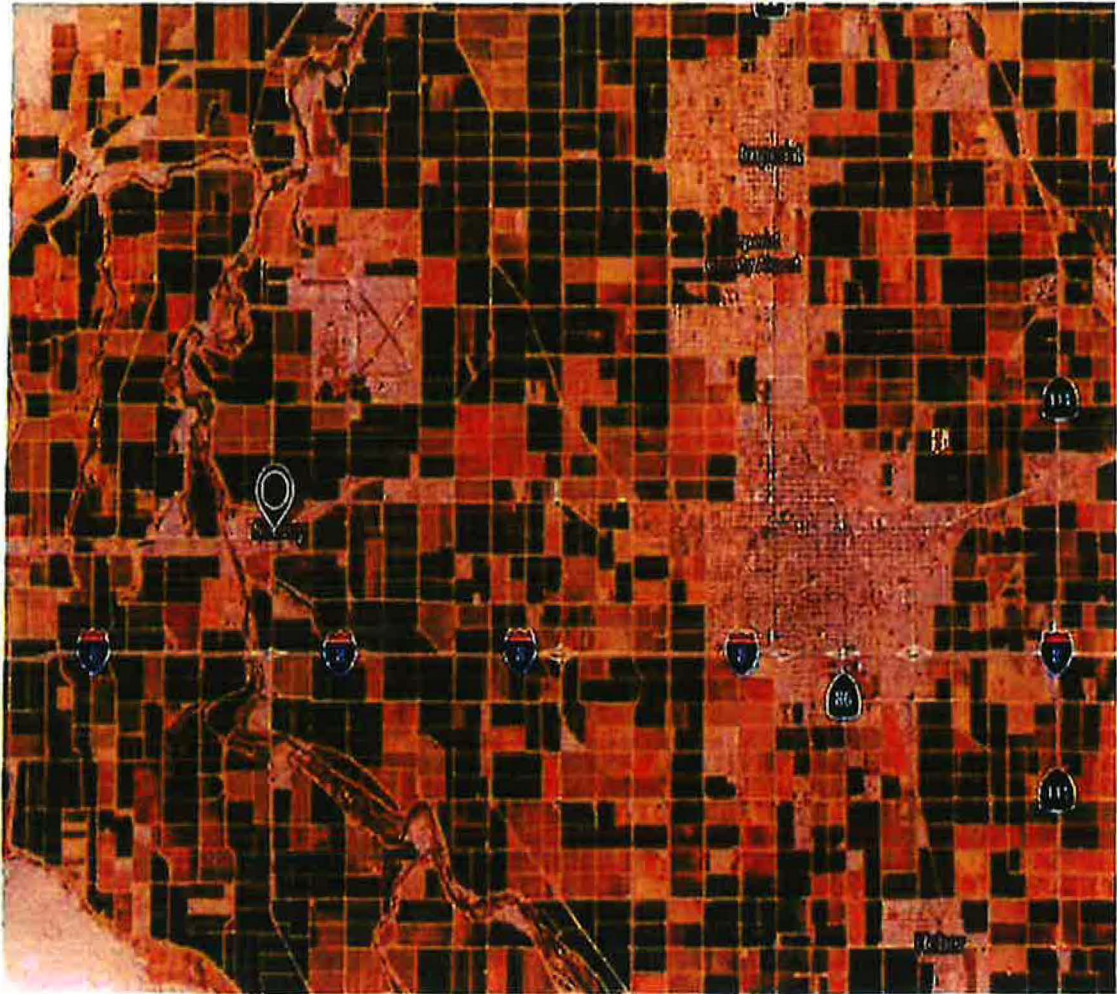
AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

EEC ORIGINAL PKG

Attachments: Regional Location Map
Project Vicinity Map

CC: Tony Rouhoras Jr., County Executive Officer
Jade Padilla, Community & Economic Development Manager
Tyler Mayo, Economic Development Coordinator

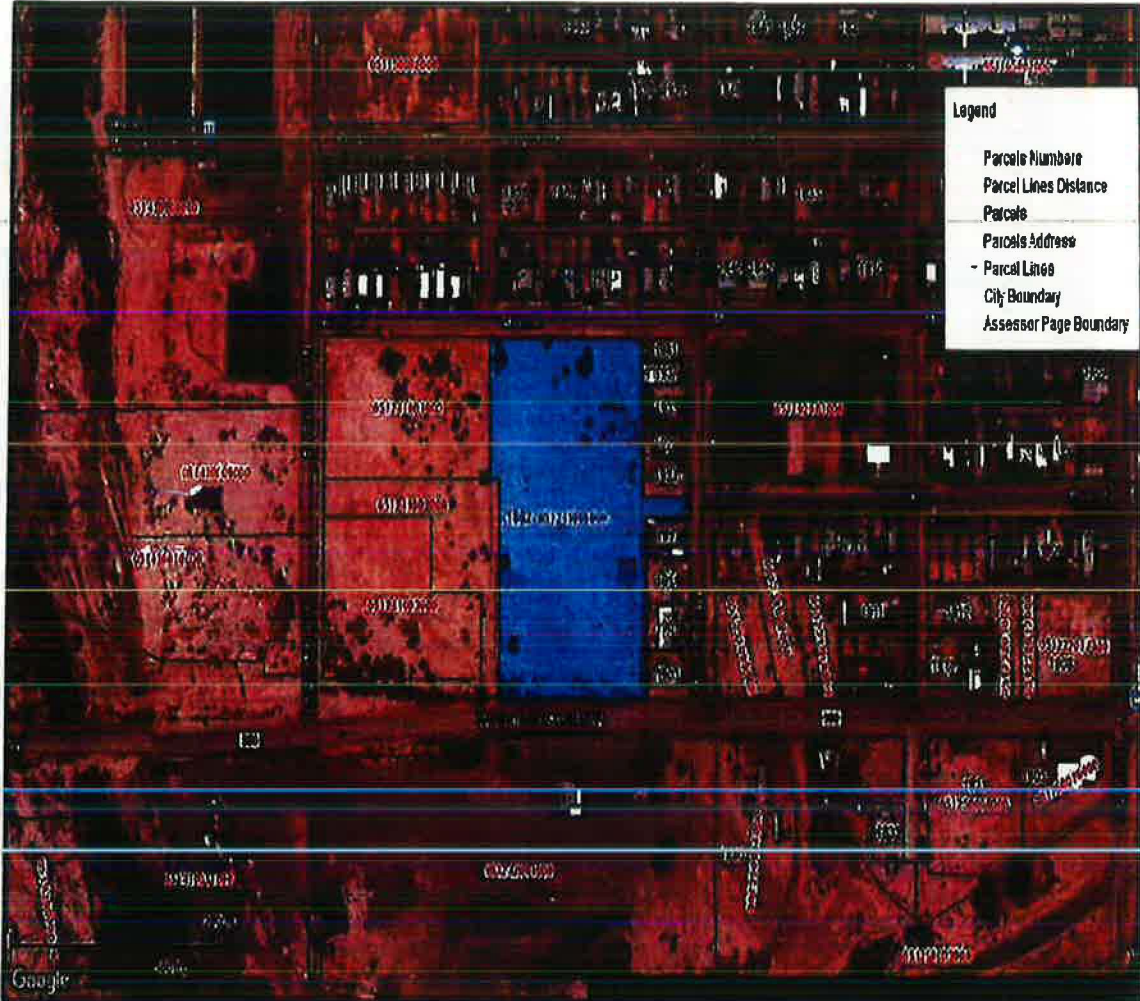
Regional Location Map

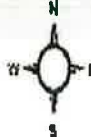



AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

EEC ORIGINAL PKG

Project Vicinity Map



1" = 376 ft	12/17/2018		
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AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

EEC ORIGINAL PKG

Imperial County Workforce & Economic Development
Division of Community & Economic Development

Priscilla Lopez
ICWED Director



2799 S. 4th Street
El Centro, CA 92243
Tel: (760) 337-5000
Fax: (760) 370-5005

June 02, 2020

Angela Santos, Chairperson
Manzanita Band of Diegueno Mission Indians of the Manzanita Reservation
PO Box 1302
Boulevard, CA 91905-1302

RE: Invitation to Consult Under Section 106 – Seeley Fire Station and Cooling Center

Angela Santos,

This letter formally invites you to request consultation pursuant to Section 106 of the National Historic Preservation Act (NHPA) regarding the proposed Seeley Fire Station and Cooling Center.

Section 106 requires consultation with federally-recognized Indian tribes when a project may affect a historic property of religious and cultural significance to the tribe. Section 106 covers a broad range of projects, including construction, renovation, repair, or rehabilitation; ground disturbances (e.g. sewer lines, utility lines [above and below ground], foundations; footings, grading, access roads) and changes to an area's visual characteristics. To this end, the County is contacting you to consult on this project.

The County of Imperial is committed to fulfilling the goals of Section 106 and believes that tribal participation in the planning process is crucial for the success of the proposed project. The Imperial County Workforce and Economic Development Department performed a search on HUD's Tribal Directory Assessment Tool (TDAT) to obtain a list of tribes who should be included in the planning consultation process regarding the proposed project and your name was included in the NAHC's response.

The Seeley Fire Station and Cooling Center is proposed on an 8.54-acre parcel (051-241-006) located at 1862 West Evan Hewes Highway, Seeley, CA 92273. The Colonia of Seeley is approximately 11 miles southwest of the City of Imperial, 8 miles west of the City of El Centro and 14 miles northwest of Heber. Attached please find the regional location, and project vicinity maps of the proposed project.

If your tribe would like to consult with the County of Imperial regarding this project, please respond in writing to Priscilla Lopez, County of Imperial, 2799 S. 4th, El Centro, CA 92243. Any sensitive information shared with the County regarding cultural places and/or sacred sites will be kept strictly confidential and will not be divulged to the public.

Respectfully,

A handwritten signature in blue ink, appearing to read "Priscilla Lopez", is written over the typed name and title.

Priscilla Lopez
Director of Workforce & Economic Development

**Attachments: Regional Location Map
Project Vicinity Map**

Tony Reinholtz Jr., County Executive Officer
Jade Padilla, Community & Economic Development Manager
Tyler Mayo, Economic Development Coordinator

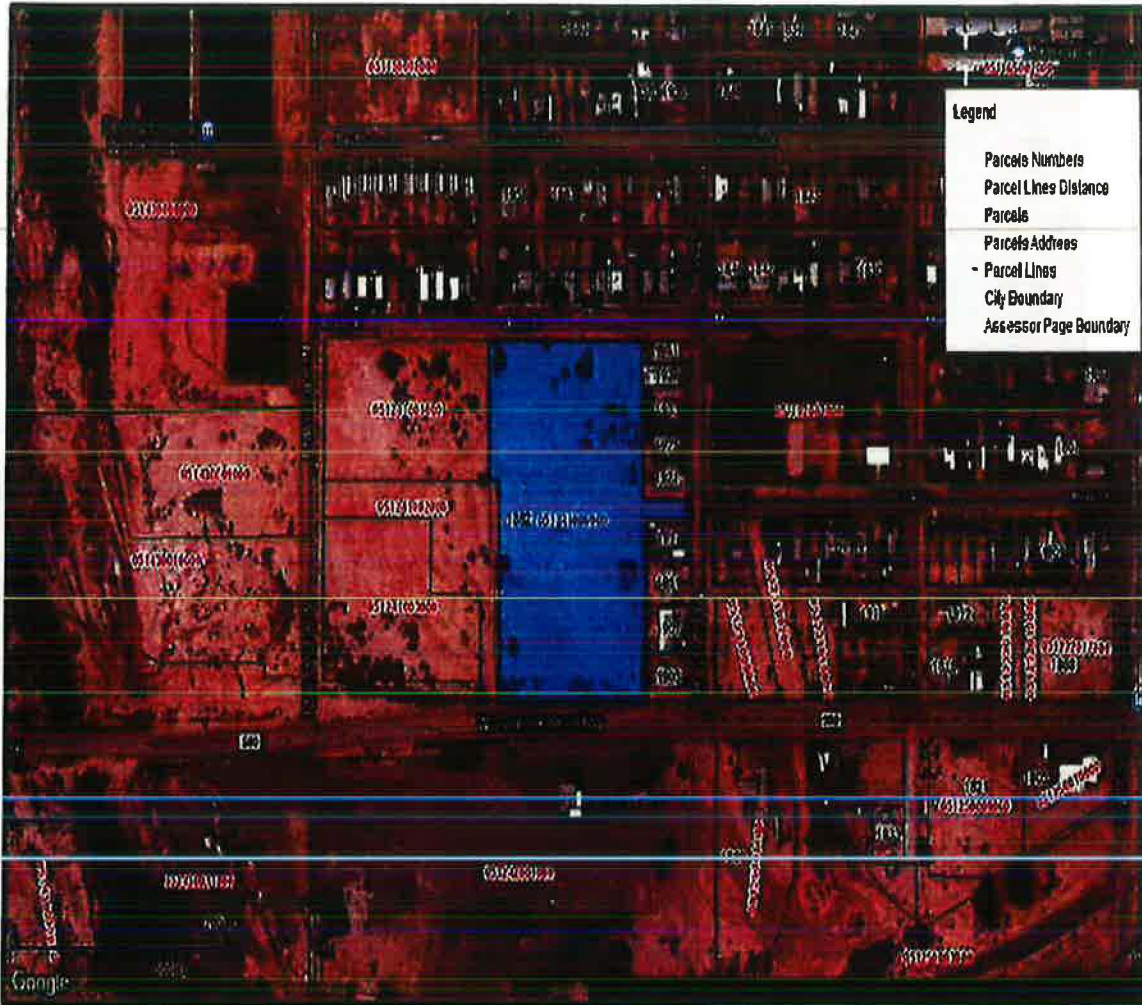
Regional Location Map



AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

EEC ORIGINAL PKG

Project Vicinity Map



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EEC ORIGINAL PKG

Imperial County Workforce & Economic Development
Division of Community & Economic Development

Priscilla Lopez
ICWED Director



2799 S. 4th Street
El Centro, CA 92243
Tel: (760) 337-5000
Fax: (760) 370-5005

June 02, 2020

Keeny Escalanti, President
Quechan Tribe of the Fort Yuma Indian Reservation
350 Picacho Road
Winterhaven, CA 92283

RE: Invitation to Consult Under Section 106 – Seeley Fire Station and Cooling Center

Keeny Escalanti,

This letter formally invites you to request consultation pursuant to Section 106 of the National Historic Preservation Act (NHPA) regarding the proposed Seeley Fire Station and Cooling Center.

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Respectfully,



Priscilla Lopez

Director of Workforce & Economic Development

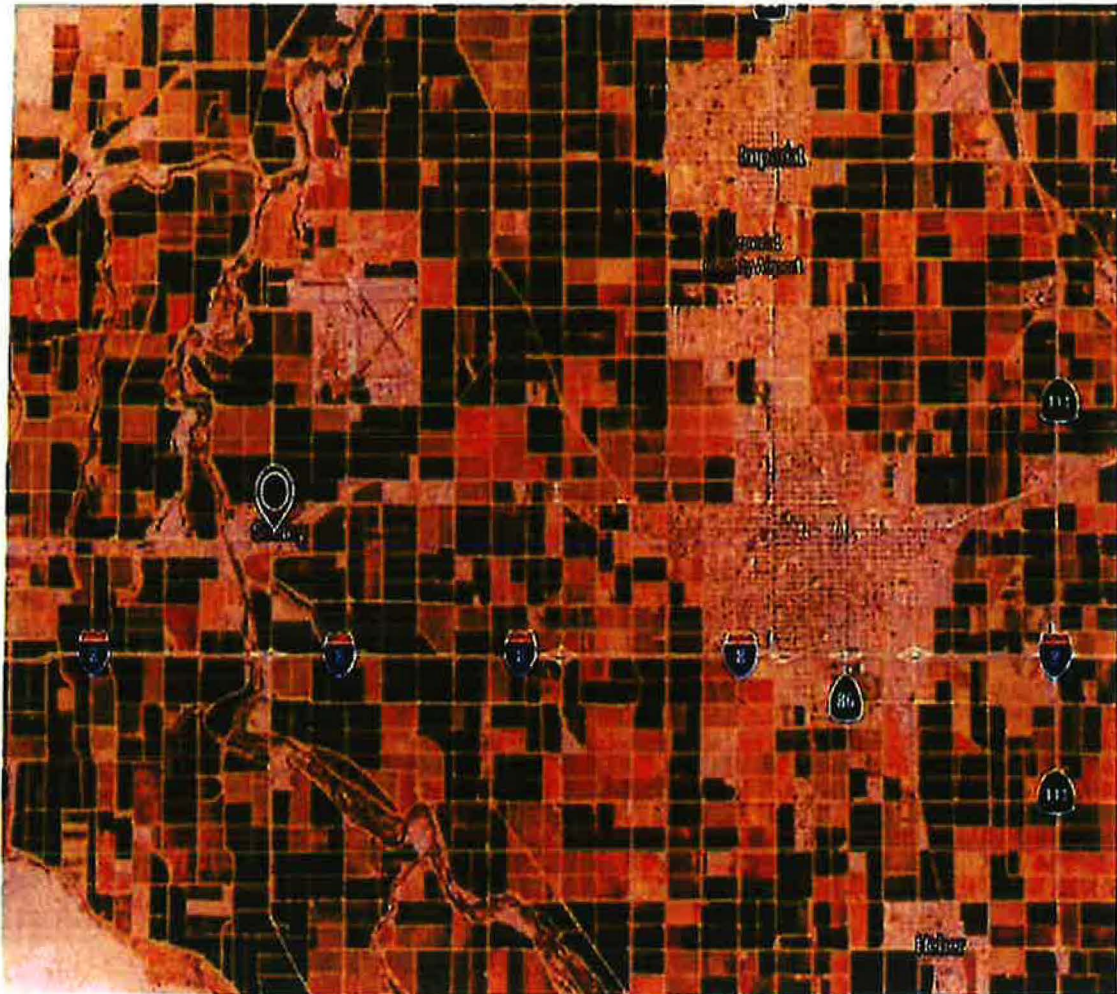
AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

EEC ORIGINAL PKG

**Attachments: Regional Location Map
Project Vicinity Map**

CC Tony Ribaños Jr., County Executive Officer
Jade Pacillo, Community & Economic Development Manager
Tyler Mayo, Economic Development Coordinator

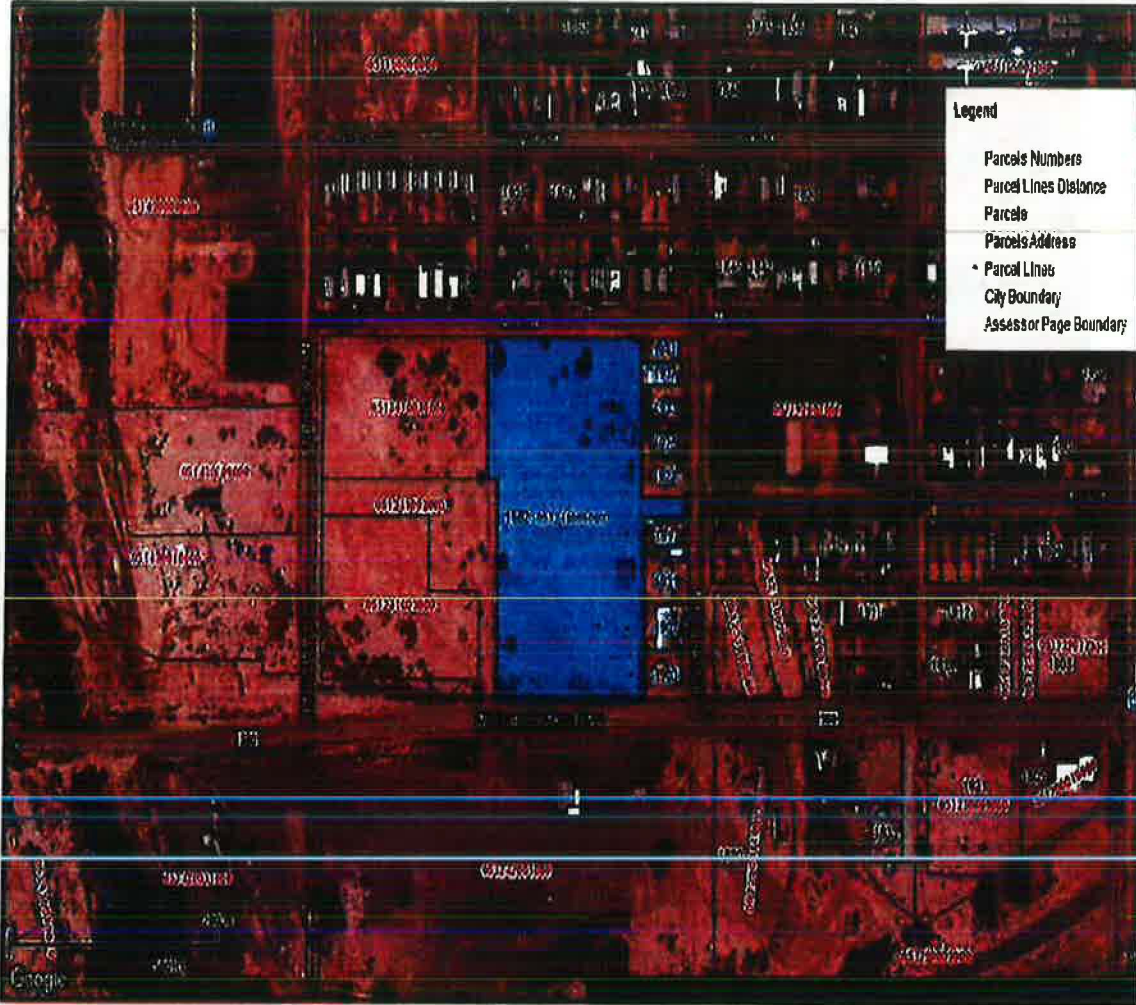
Regional Location Map



AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

EEC ORIGINAL PKG

Project Vicinity Map



1" = 376 ft	12/17/2018		
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EEC ORIGINAL PKG

Imperial County Workforce & Economic Development
Division of Community & Economic Development

Priscilla Lopez
ICWED Director



2799 S. 4th Street
El Centro, CA 92243
Tel: (760) 337-5000
Fax: (760) 370-5005

June 02, 2020

Darrell Mike, Chairperson
Twenty-Nine Palms Band of Mission Indians of California
46-200 Harrison Place
Coachella, CA 92236

RE: Invitation to Consult Under Section 106 – Seeley Fire Station and Cooling Center

Darrell Mike,

This letter formally invites you to request consultation pursuant to Section 106 of the National Historic Preservation Act (NHPA) regarding the proposed Seeley Fire Station and Cooling Center.

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Respectfully,



Priscilla Lopez

Director of Workforce & Economic Development

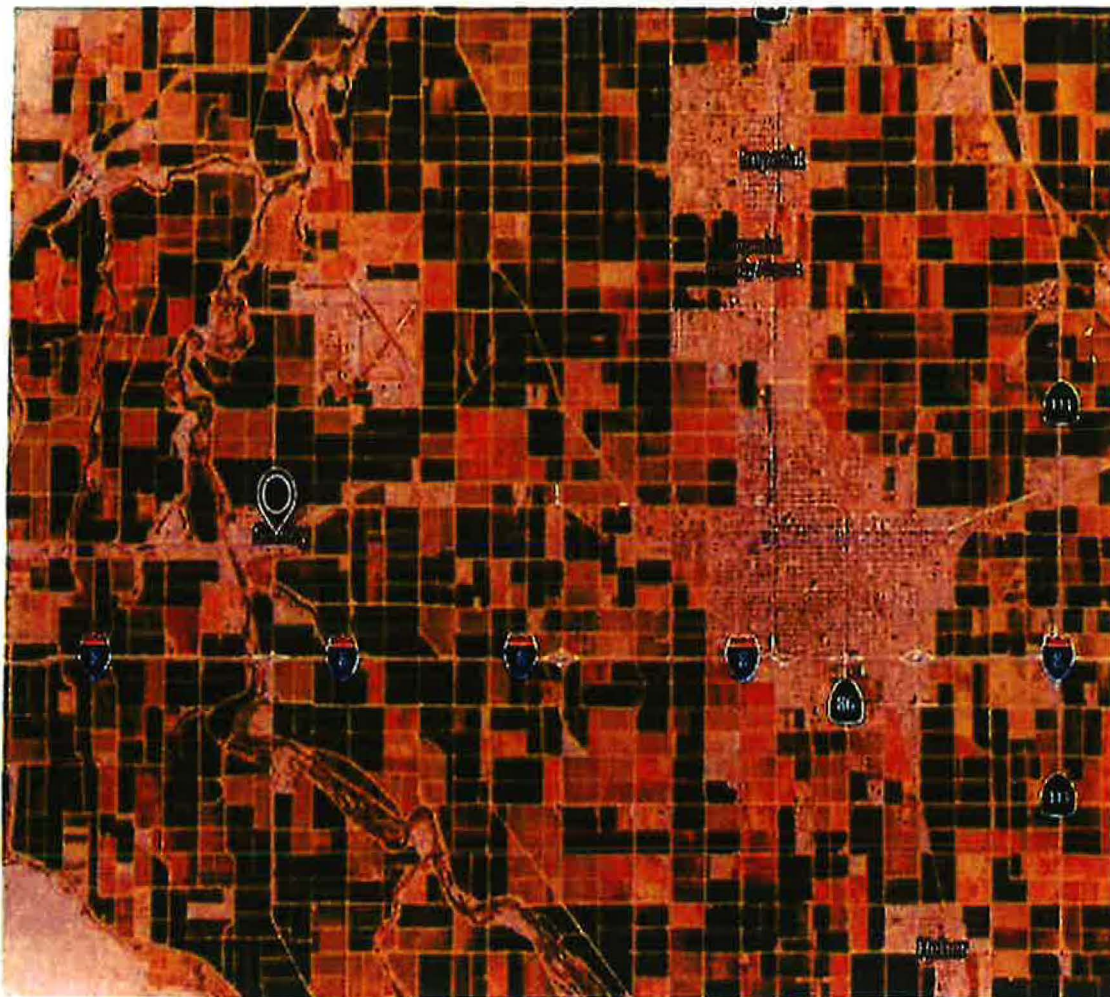
AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

EEC ORIGINAL PKG

**Attachments: Regional Location Map
Project Vicinity Map**

cc Tony Rauloosa Jr., County Executive Officer
Jade Padilla, Community & Economic Development Manager
Tyler Mayo, Economic Development Coordinator

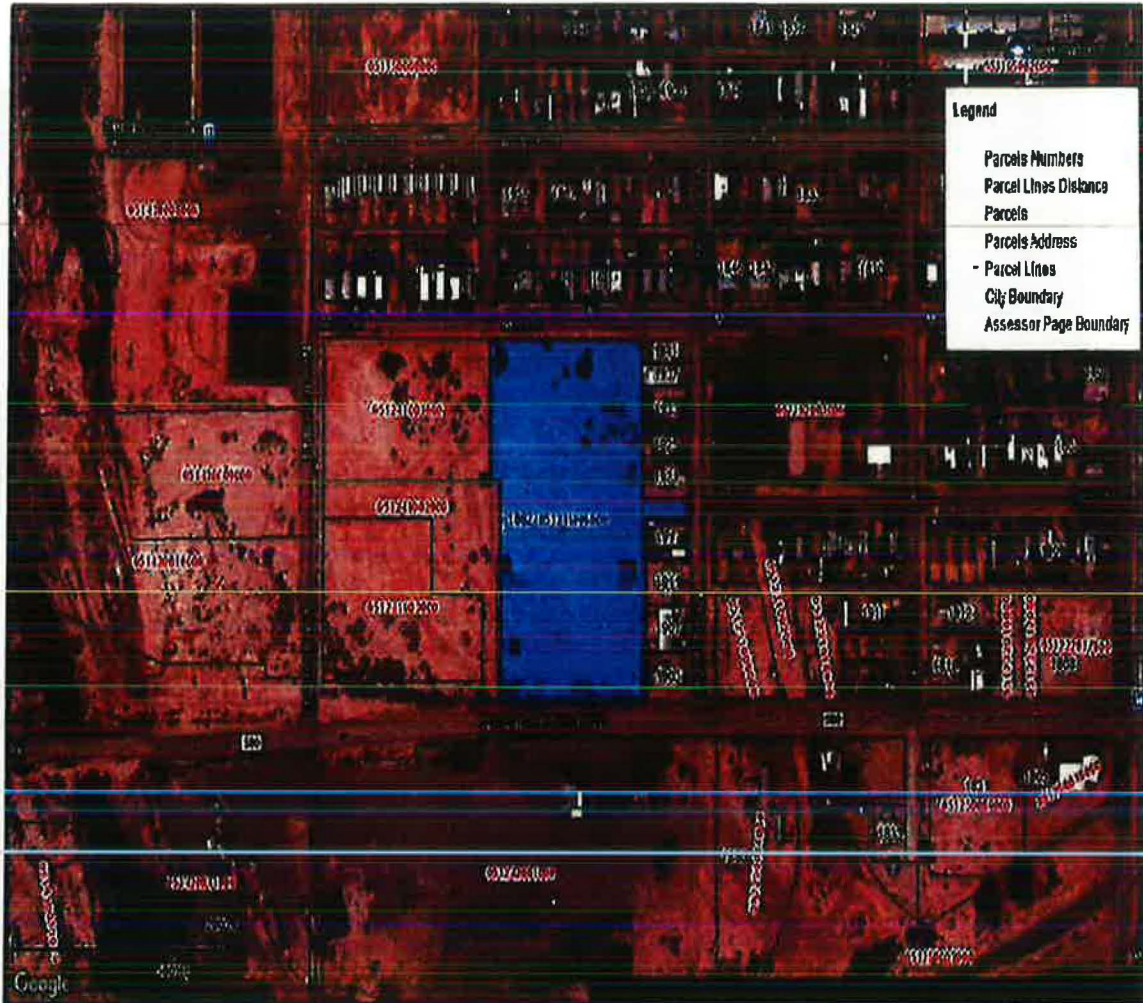
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Project Vicinity Map



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EEC ORIGINAL PKG

Imperial County Workforce & Economic Development
Division of Community & Economic Development

Priscilla Lopez
ICWED Director



2799 S. 4th Street
El Centro, CA 92243
Tel: (760) 337-5000
Fax: (760) 370-5005

June 02, 2020

Allen Lawson, Spokesman
San Pasqual Band of Diegueno Mission Indians of California
PO Box 365
Valley Center, CA 92082-0365

RE: Invitation to Consult Under Section 106 – Seeley Fire Station and Cooling Center

Allen Lawson,

This letter formally invites you to request consultation pursuant to Section 106 of the National Historic Preservation Act (NHPA) regarding the proposed Seeley Fire Station and Cooling Center.

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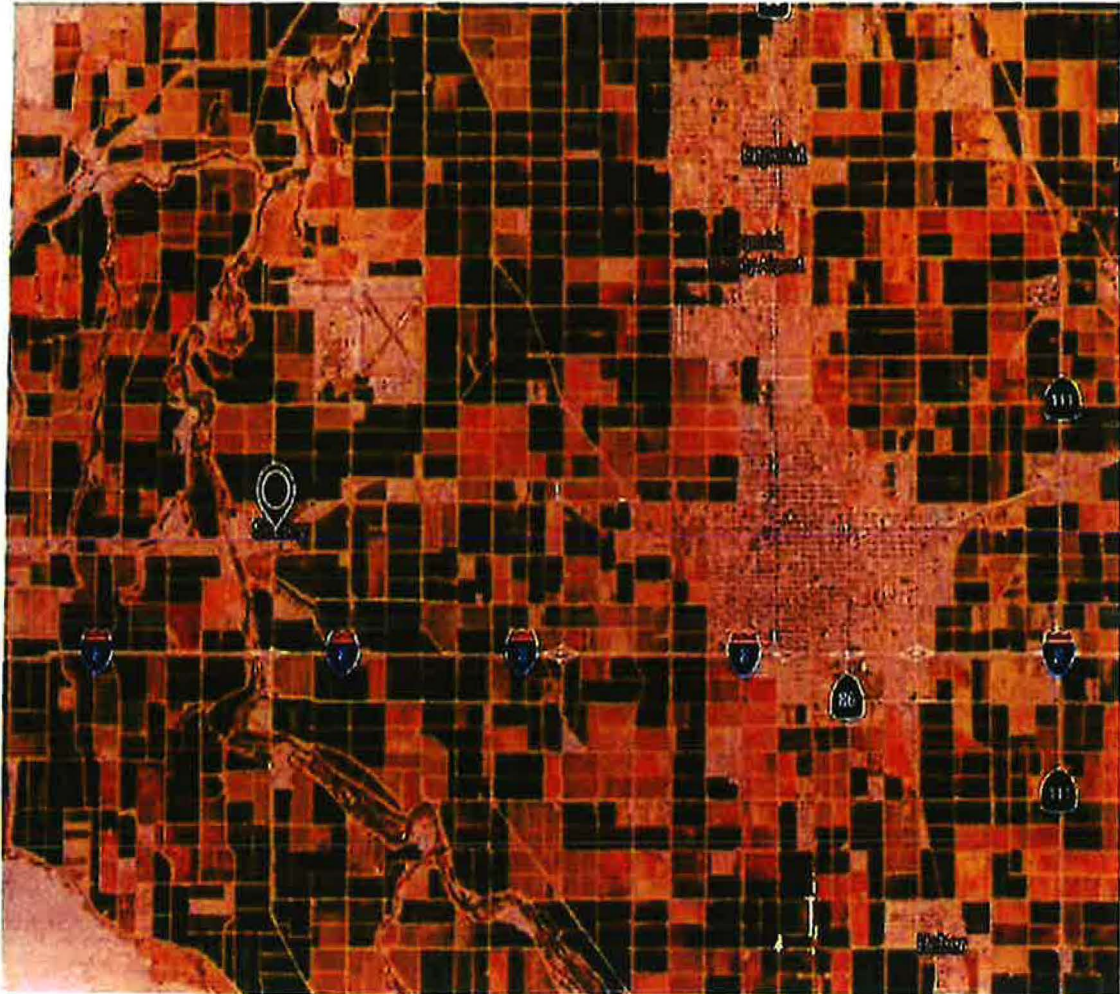
Respectfully,


Priscilla Lopez
Director of Workforce & Economic Development

**Attachments: Regional Location Map
Project Vicinity Map**

☐ Tony Raubens Jr., County Executive Officer
☐ Jade Padilla, Community & Economic Development Manager
☐ Tyler Mayo, Economic Development Coordinator

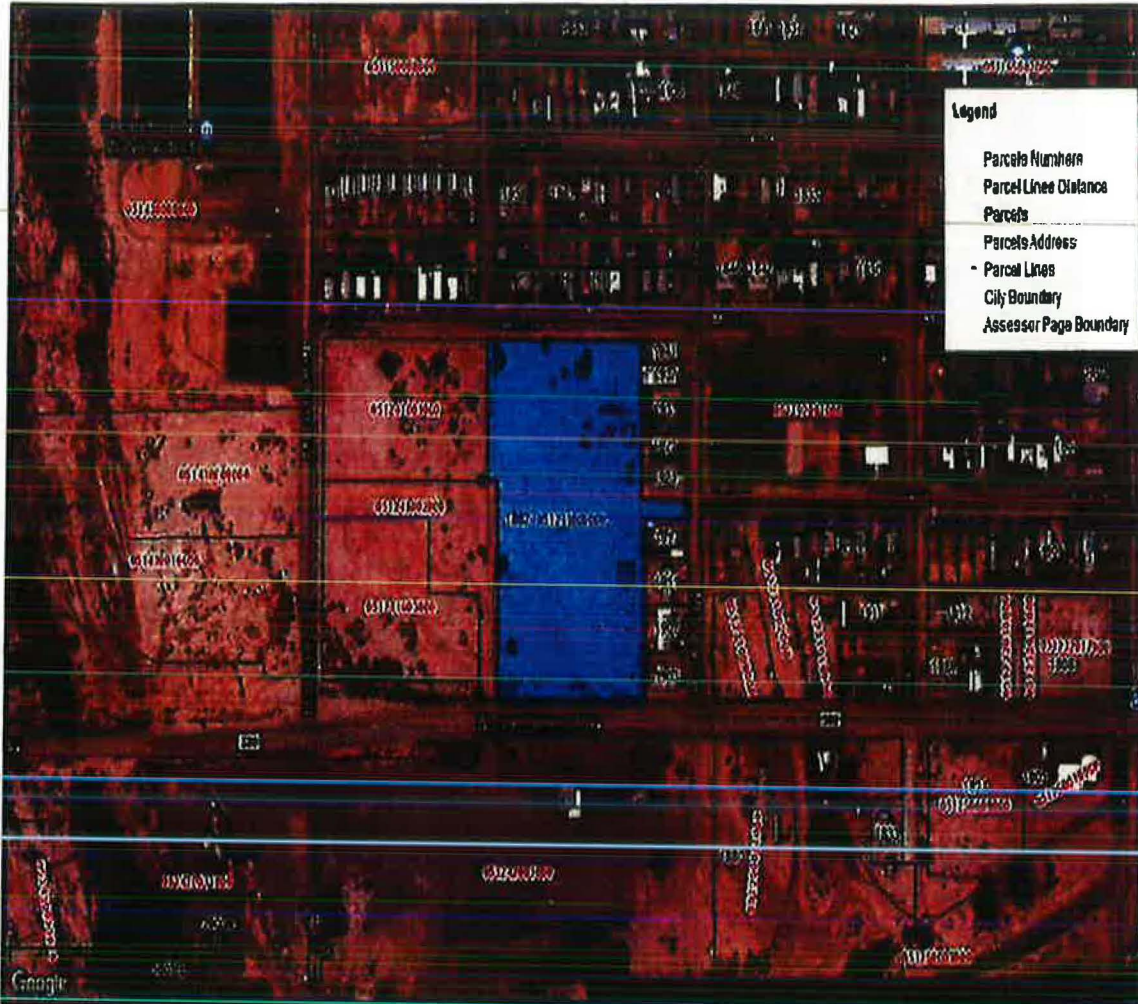
Regional Location Map



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EEC ORIGINAL PKG

Project Vicinity Map

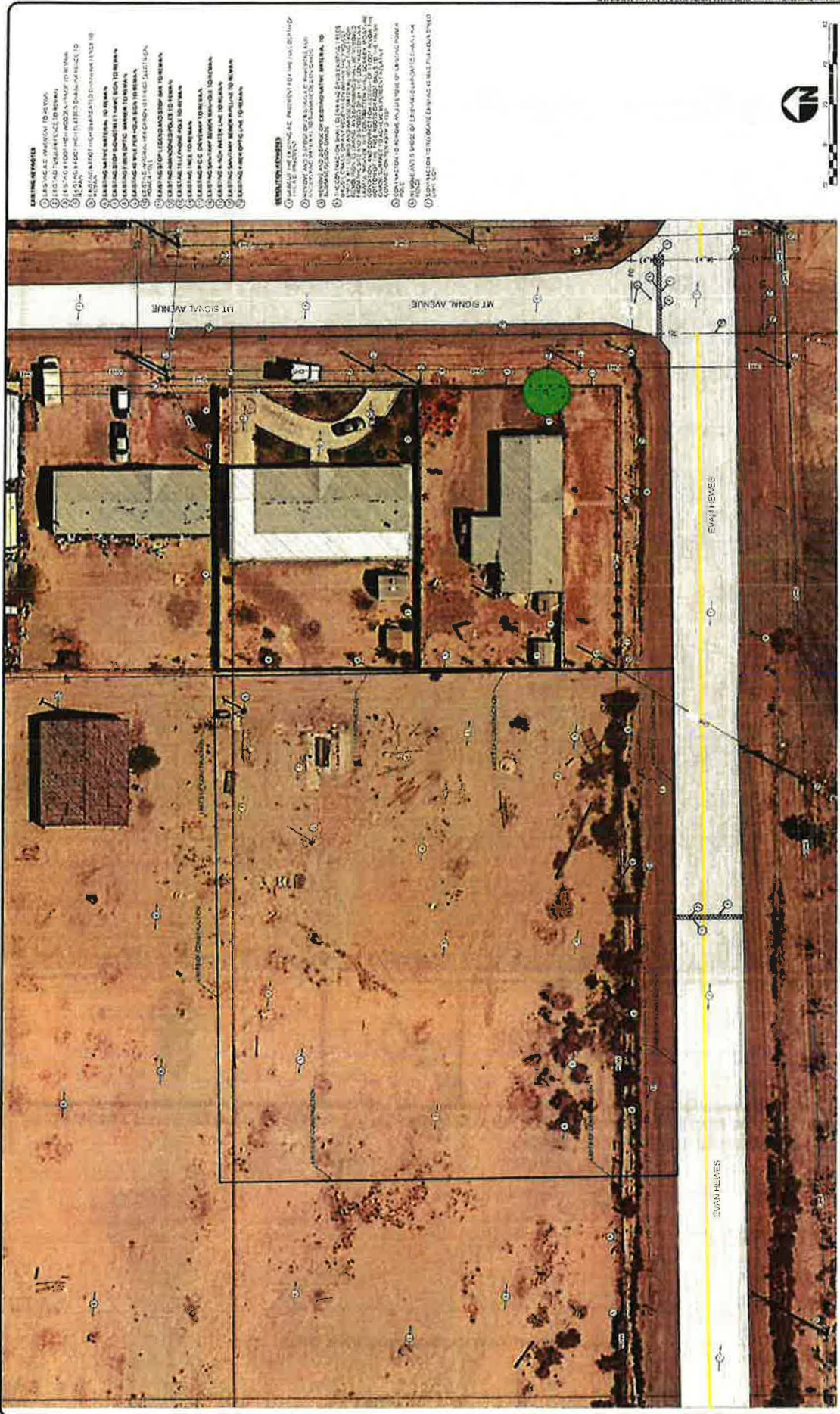


1" = 378 ft		12/17/2018		
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AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

EEC ORIGINAL PKG



- EXISTING FEATURES**
- 1. EXISTING PAVEMENT TO REMAIN
 - 2. EXISTING CONCRETE DRIVE
 - 3. EXISTING CONCRETE DRIVE
 - 4. EXISTING CONCRETE DRIVE
 - 5. EXISTING CONCRETE DRIVE
 - 6. EXISTING CONCRETE DRIVE
 - 7. EXISTING CONCRETE DRIVE
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- REVISIONS**
- 1. REVISED
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 - 18. REVISED
 - 19. REVISED
 - 20. REVISED

SCALE: 1" = 20'

PROJECT NO: C-101

DATE: 10/15/2018

DRAWN BY: [Name]

CHECKED BY: [Name]

DATE: 10/15/2018

PROJECT: COMMUNITY CENTER FOR SENIORS DEVELOPMENT, SHELLEY FIRE AND LADDING CENTER

EXISTING DEMOLITION PLANS

SHEET 6 OF 11

PUBLIC WORKS DEPARTMENT
 COUNTY OF IMPERIAL
 EL CENTRO, CALIFORNIA

CITY OF IMPERIAL
 100 N. MAIN ST.
 IMPERIAL, CA 92541
 TEL: 760/932-2000
 FAX: 760/932-2001

CITY OF IMPERIAL
 100 N. MAIN ST.
 IMPERIAL, CA 92541
 TEL: 760/932-2000
 FAX: 760/932-2001

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CITY OF IMPERIAL
 100 N. MAIN ST.
 IMPERIAL, CA 92541
 TEL: 760/932-2000
 FAX: 760/932-2001

LOT MERGER

I.C. PLANNING & DEVELOPMENT SERVICES DEPT
801 Main Street, El Centro, CA 92243 (760) 482-4236

- APPLICANT MUST COMPLETE ALL NUMBERED (black) SPACES - Please type or print -

1. PROPERTY OWNER'S NAME The Smith Family Living Trust c/o Lori Imhoff	EMAIL ADDRESS loriimhoff@att.net	
2. MAILING ADDRESS 9359 Rigsby Drive, Santee	ZIP CODE 92071	PHONE NUMBER 619-971-5797
3. ENGINEER'S NAME James G. "Jack" Holt	CAL. LICENSE NO. 31773	EMAIL ADDRESS Jack@theholtgroup.net
4. MAILING ADDRESS 1601 N. Imperial Ave., El Centro	ZIP CODE 92243	PHONE NUMBER 760-337-3883
5. PROPERTY "A" (site) ADDRESS 1862 W. Evan Hewes Hwy	LOCATION Seeley, CA 92273	
6. PROPERTY "A" ASSESSOR'S PARCEL NO.(s) 051-241-006	SIZE OF PROPERTY (in acres or square foot) 33,285 sf	
7. EXISTING USE Vacant parcel		CURRENT ZONE R-1
8. PROPERTY "A" LEGAL DESCRIPTION (attach separate sheet if necessary) Lot 9 of Block 19 CRABTREE ADD SEELEY		
9. PROPERTY "B" (site) ADDRESS 1862 W. Evan Hewes Hwy	LOCATION Seeley, CA 92273	
10. PROPERTY "B" ASSESSOR'S PARCEL NO.(s) 051-241-006	SIZE OF PROPERTY (in acres or square foot) 33,285 sf	
11. EXISTING USE Vacant parcel		CURRENT ZONE R-1
12. PROPERTY "B" LEGAL DESCRIPTION (attach separate sheet if necessary) Lot 10 of Block 19 CRABTREE ADD SEELEY		
13. EXPLAIN PURPOSE/REASON FOR LOT MERGER The County is requesting the merger of Lots 9 and 10 in order to proceed with the development of a Fire Station and Cooling Center Project.		
14. PROPOSED MERGED PARCEL SIZE ± 1.53 acres	PROPOSED USE Fire station & Cooling Center Facility	

PLEASE PROVIDE CLEAR & CONCISE INFORMATION (ATTACH SEPARATE SHEET IF NEEDED)

15. DESCRIBE PROPOSED SEWER SYSTEM(s)	Seeley County Water District
16. DESCRIBE PROPOSED WATER SYSTEM	Seeley County Water District
17. DESCRIBE PROPOSED ACCESS TO MERGED PARCEL	Evan Hewes Hwy
18. IS THIS PARCEL PLANNED TO BE AN VEXED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	IF YES, TO WHAT CITY or DISTRICT?

I / WE THE LEGAL OWNER (S) OF THE ABOVE PROPERTY CERTIFY THAT THE INFORMATION SHOWN OR STATED HEREIN IS TRUE AND CORRECT

Print Name (owner)	Date
Tony Rouhotas, Jr., CEO	9/18/20
Signature (owner)	Date
[Signature]	
Print Name (Agent)	Date
[Signature]	

An owners notarized affidavit is required if application is signed by Agent.

REQUIRED SUPPORT DOCUMENTS

A. SITE PLAN	_____
B. PROPOSED LEGAL DESCRIPTION	_____
C. PRELIMINARY TITLE REPORT (8 months or newer)	_____
D. FEE	_____
E. OTHER	_____

APPLICATION RECEIVED BY:	jmH	DATE	09/23/2020	REVIEW / APPROVAL BY OTHER DEPT'S required.
APPLICATION DEEMED COMPLETE BY:	_____	DATE	_____	<input type="checkbox"/> P. W.
APPLICATION REJECTED BY:	_____	DATE	_____	<input type="checkbox"/> E. H. S.
TENTATIVE HEARING BY:	_____	DATE	_____	<input type="checkbox"/> A. P. C. D.
FINAL ACTION:	<input type="checkbox"/> APPROVED <input type="checkbox"/> DENIED	DATE	_____	<input type="checkbox"/> O. E. S.

MERG#

EXHIBIT A
LOT MERGER NO. 147

SHEET 1 OF 1

LEGAL DESCRIPTION:

LOT "A"

LOTS 9 AND 10, INCLUSIVE, BLOCK 19, AMENDED MAP OF A PART OF CRABTREE ADDITION TO SEELEY, IN AN UNINCORPORATED AREA OF THE COUNTY OF IMPERIAL, STATE OF CALIFORNIA, AS PER MAP NO. 178 ON FILE IN THE OFFICE OF THE COUNTY RECORDER OF IMPERIAL COUNTY IN BOOK 3, PAGE 22 OF OFFICIAL MAPS.

THE ABOVE DESCRIBED REAL PROPERTY SHALL BE HELD AS ONE PARCEL AND NO PORTION THEREOF SHALL BE SOLD SEPARATELY.

THE ABOVE DESCRIBED PARCEL CONTAINS 1.67 ACRES, MORE OR LESS.

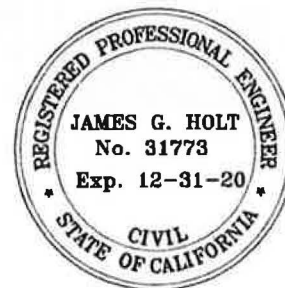
FOR GRAPHICAL DEPICTION SEE EXHIBIT "B" ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF.

THIS LAND DESCRIPTION WAS PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH THE CALIFORNIA PROFESSIONAL LAND SURVEYOR'S ACT.

PRELIMINARY

JAMES G. HOLT, RCE 31773
EXPIRES: 12/31/2020
THE HOLT GROUP, INC.
1601 N. IMPERIAL AVENUE
EL CENTRO, CA. 92243

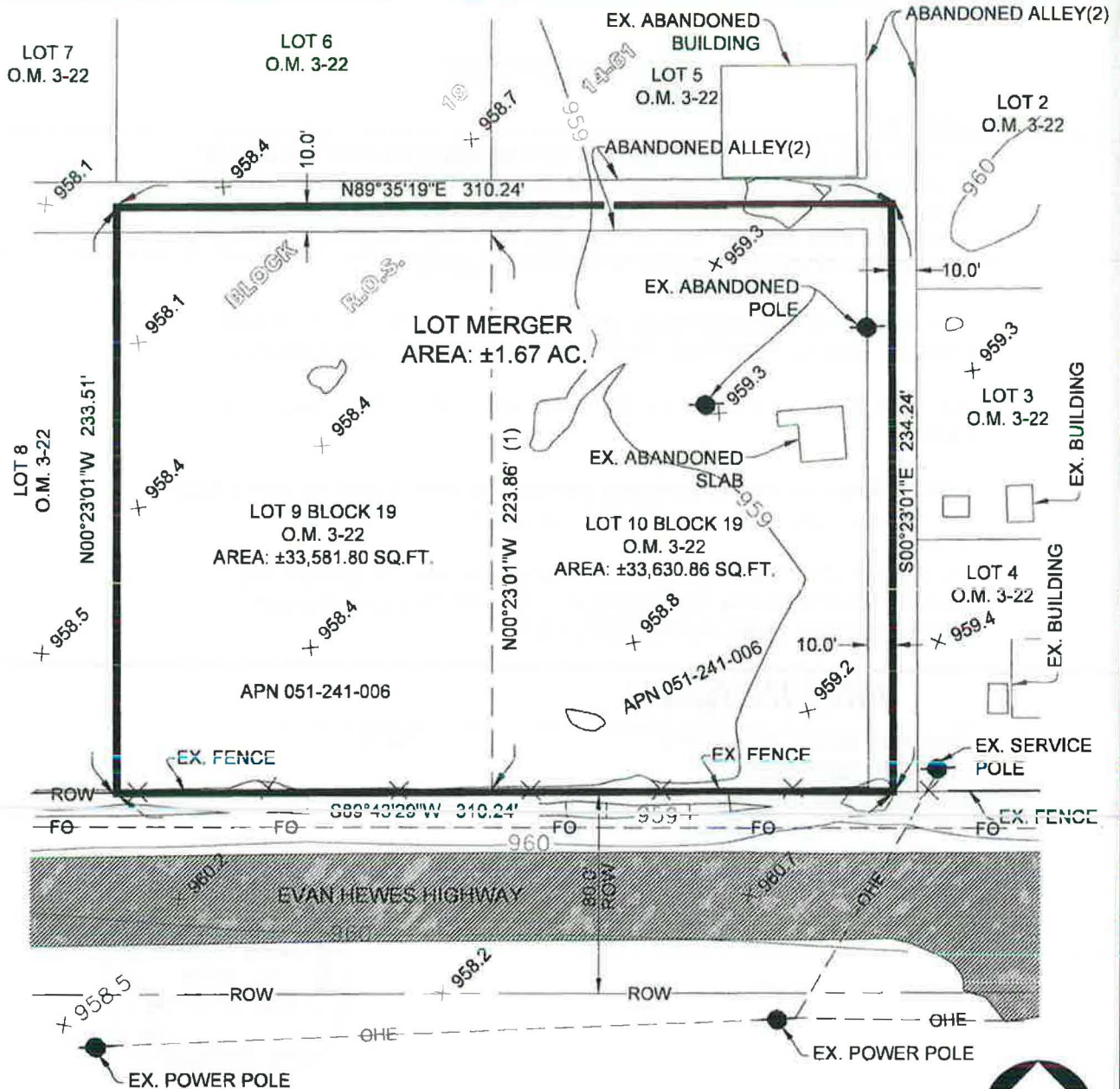
DATE



EEC ORIGINAL PKG

EXHIBIT B LOT MERGER NO. 147

SHEET 1 OF 1



NOTE:

- (1) DIMENSIONS SHOWN HEREON ARE RECORD DATA PER RECORD OF SURVEY 14-63.
- (2) ALLEYS WERE VACATED PER BOARD RESOLUTION RECORDED IN BOOK 542, PAGE 569 ON JANUARY 9th, 1940.

EASEMENT:

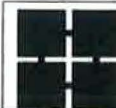
FOR IRRIGATION, WASTE OR DRAINAGE CANALS, OR POWER OR TELEPHONE LINES.
 RECORDING NO.: IN BOOK 687, PAGE 410 OF OFFICIAL RECORDS
 AFFECTS: THE EXACT LOCATION AND EXTENT OF SAID EASEMENT IS NOT DISCLOSED OF RECORD.

BENCHMARK:

NGS BENCHMARK "M-59 1927".
 ELEVATION = 960.45' (COH 88 + 1000')



SCALE: 1"=60'



The Holt Group

ENGINEERING · PLANNING · SURVEYING
 1601 N. IMPERIAL AVE., EL CENTRO, CA 92243
 PHONE: (760) 337-3883 FAX: (760) 337-5997



Office of the
Agricultural Commissioner
Sealer of Weights & Measures

Carlos Ortiz
Agricultural Commissioner
Sealer of Weights & Measures

Jolene Dessert
Asst. Agricultural Commissioner
Asst. Sealer of Weights & Measures

October 23, 2020

Diana Robinson, Planner III
Imperial County Planning & Development Services
801 Main Street
El Centro, CA 92243

Re: Lot Merger #00147 & Initial Study #20-0018 Seeley Fire Facility & Cooling Center Project

Dear Ms. Robinson,

Our department has reviewed the documents pertaining to the Lot Merger who proposes to construct a Seeley Fire Facility and Cooling Center at 1862 W. Evan Hewes Highway, Seeley, California.

The project description refers to construction that possibly could be considered commercial use under which Title 9 Division 3 Section 90302.4 – Landscaping Standards – Commercial Uses may apply. If applicable, individual projects are required to provide a minimum of ten percent landscaping cover. Should your office require this, the applicant must follow the requirements for movement of plant material into Imperial County from other counties or from out of state. The applicant can contact our Pest Detection and Eradication Division for any questions regarding the quarantines of movement of plant material, as there are several quarantines that must be observed.

Additionally, please be advised that if proposed to be used, any Point of Sale systems as well as commercial weighing and measuring devices must be registered, inspected and sealed by our office on an annual basis. The applicant can contact our Weights and Measure Division to register all devices.

If you or the applicant has any questions, please feel free to contact our office at (442) 265-1500.

Regards,

Carlos Ortiz
Agricultural Commissioner
Sealer of Weights & Measures

RECEIVED

OCT 23 2020

IMPERIAL COUNTY
PLANNING & DEVELOPMENT SERVICES

Kimberly Noriega

From: Margo Sanchez
Sent: Friday, October 23, 2020 2:38 PM
To: ICPDSCommentLetters; Diana Robinson
Cc: Jolene Dessert
Subject: LM00147 & IS20-0018 Seeley Fire Facility & Cooling Center Project-Comment Letter
Attachments: 201023-LM00147-CmtLtr.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Diana,

I have attached a comment letter for the Seeley Fire Facility & Cooling Center Project.

Please let me know if you have any questions.

Best regards,
Margo



Margo E. Sanchez
Deputy Agricultural Commissioner/Sealer
Imperial County
AgCom.ImperialCounty.org/
442.265.1500



October 28, 2020

Mr. Jim Minnick
Planning & Development Services Director
801 Main St.
El Centro, CA 92243



SUBJECT: Lot Merger 00147—Seeley Fire Facility and Cooling Center Project

Dear Mr. Minnick:

The Imperial County Air Pollution Control District ("Air District") would like to thank you for the opportunity to review proposed Lot Merger (LM) 00147 that would merge two lots for the construction of the proposed Seeley Fire Facility and Cooling Center at 1862 W. Evan Hewes Highway in Seeley, California (also described as Assessor's Parcel Number 051-241-006-000).

While the Air District has no comment on the lot merger, the Air District offers guidance as the applicant moves forward with Initial Study 20-0018. Such guidance can be found in the Imperial County California Environmental Quality Act (CEQA) Air Quality Handbook. This Project will likely be classified as Tier 1 in terms of air quality impacts. However, screening criteria strongly recommends consultation between the lead agency and the Air District for development projects that fall outside of Table 2 in Section 4.3 of the CEQA Air Quality Handbook. Doing so ensures that the lead agency understands the Air District's concerns of the Project's air quality impact. The greatest air quality impact related to this Project is from fugitive dust (PM₁₀) emissions during construction and earthmoving activities. The Air District evaluates projects on both size and activities when assessing potential emissions and determining mitigation controls. Adherence to Regulation VIII rules is required for construction and earthmoving activities to limit fugitive dust emissions to 20% opacity. However, pending review of the Initial Study, complete assurance of satisfactory mitigation will be contingent upon submission of an approved Construction Dust Control Plan.

Therefore, the Air District requests to review Draft Initial Study 20-0018 and provide guidance comments prior to dissemination to Environmental Evaluation Committee members.

The Air District's CEQA Handbook can be accessed online at <https://apcd.imperialcounty.org/>. Click on the "Planning" drop-down menu. The Rule Book rule book can be accessed by clicking on "Rules & Regulations." Should you have questions, please call our office at (442) 265-1800.

Sincerely,



Curtis Blondell

APC Environmental Coordinator



Reviewed by Monica Soucier

APC Division Manager



www.iid.com

Since 1911

October 26, 2020

Ms. Diana Robinson
Planner III
Planning & Development Services Department
County of Imperial
801 Main Street
El Centro, CA 92243

RECEIVED
OCT 27 2020
IMPERIAL COUNTY
PLANNING & DEVELOPMENT SERVICES

SUBJECT: Lot Merger No. 00147

Dear Ms. Robinson:

On October 15, 2020, the Imperial Irrigation District received from the Imperial County Planning & Development Services Dept., a request for agency comments on Lot Merger application no. 00147. The applicant, the County of Imperial, proposes to merge two (2) lots located at 1862 W. Evan Hewes Hwy. in Seeley, California (APN 051-241-006) for the construction of the Seeley Fire Station and Cooling Center project and the related parking, sidewalks and perimeter fencing.

The Imperial Irrigation District has reviewed the information and has the following comments:

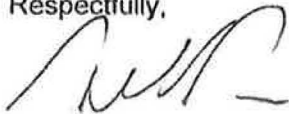
1. To obtain electrical service for the Seeley Fire Station and Cooling Center project, the applicant should be advised to contact Ernie Benitez, IID Customer Project Development Planner, at (760) 482-3405 or e-mail Mr. Benitez at eibenitez@iid.com to initiate the customer service application process. In addition to submitting a formal application (available for download at the IID website <http://www.iid.com/home/showdocument?id=12923>), the applicant will be required to submit a complete set of approved plans (including CAD files), project schedule, estimated in-service date, one-line diagram of facilities, electrical loads, panel size, voltage, and the applicable fees, permits, easements and environmental compliance documentation pertaining to the provision of electrical service to the project. The applicant shall be responsible for all costs and mitigation measures related to providing electrical service to the project.
2. Any construction or operation on IID property or within its existing and proposed right of way or easements including but not limited to: surface improvements such as proposed new streets, driveways, parking lots, landscape; and all water, sewer, storm water, or any other above ground or underground utilities; will require an encroachment permit, or encroachment agreement (depending on the

circumstances). A copy of the IID encroachment permit application and instructions are available at <http://www.iid.com/departments/real-estate>. The IID Real Estate Section should be contacted at (760) 339-9239 for additional information regarding encroachment permits or agreements.

3. Any new, relocated, modified or reconstructed IID facilities required for and by the project (which can include but is not limited to electrical utility substations, electrical transmission and distribution lines, etc.) need to be included as part of the project's CEQA and/or NEPA documentation, environmental impact analysis and mitigation. Failure to do so will result in postponement of any construction and/or modification of IID facilities until such time as the environmental documentation is amended and environmental impacts are fully analyzed. **Any and all mitigation necessary as a result of the construction, relocation and/or upgrade of IID facilities is the responsibility of the project proponent.**

Should you have any questions, please do not hesitate to contact me at 760-482-3609 or at dvargas@iid.com. Thank you for the opportunity to comment on this matter.

Respectfully,



Donald Vargas
Compliance Administrator II

Enrique B. Martinez – General Manager
Mike Pacheco – Manager, Water Dept.
Marilyn Del Bosque Gilbert – Manager, Energy Dept.
Sandra Blain – Deputy Manager, Energy Dept.
Charles Berry – Mgr., Energy Dept., Distr. Services & Maintenance Operations
Constance Bergmark – Mgr. of Planning & Eng./Chief Elect. Engineer, Energy Dept.
Enrique De Leon – Asst. Mgr., Energy Dept., Distr., Planning, Eng & Customer Service
Jamie Asbury – Assoc. General Counsel
Vance Taylor – Asst. General Counsel
Michael P. Kemp – Superintendent, Regulatory & Environmental Compliance
Laura Cervantes – Supervisor, Real Estate