

November 30, 2011

Ms. Felicia Miller
Compliance Project Manager
California Energy Commission
1516 Ninth Street
Sacramento, CA 95661

DOCKET	
05-AFC-2C	
DATE	Nov. 30 2011
RECD.	Dec. 06 2011

Subject: Walnut Creek Energy Park - Docket No. 05-AFC-2C
Petition for Modification #6 - Electricity Generation Interconnection
Modifications

Dear Ms. Miller:

Walnut Creek Energy, LLC (WCE) (a wholly owned subsidiary of Edison Mission Energy) petitions the California Energy Commission for a staff approved project modification for the Walnut Creek Energy Park (WCEP) (05-AFC-02C). As such, please find the enclosed Petition for Modification #6 (Petition) for WCEP, submitted for your approval. This Petition addresses modifications to the electricity generation interconnection.

As described in the enclosed Petition, no changes or revisions are needed to the Conditions of Certification set forth in the February 2008 Final Commission Decision for WCEP (CEC-800-2008-002-CMF). Furthermore, the requested modifications to WCEP do not have the potential to cause significant adverse impacts to the environment and will not cause environmental impacts substantially different than those addressed in the Commission Decision. Therefore, we request that this petition be processed as a staff approved modification, pursuant to 20 CCR Section 1769(a)(2).

Should you have any questions or require additional information related to this submittal, please contact me at (714) 513-8100.

Sincerely,



Ramiro R. Garcia
Environmental Program Manager

Attachment

Petition for Modification No. 6

Modifications to the Electricity Generation Interconnection

for the

Walnut Creek Energy Park

City of Industry, California

(05-AFC-02C)

Submitted to the:

California Energy Commission

Submitted by:

Walnut Creek Energy, LLC

A wholly owned subsidiary of



With Technical Assistance by:



November 2011

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Acronyms and Abbreviations

AFC	Application for Certification
CCR	California Code of Regulations
CEC	California Energy Commission
CNDDDB	California Natural Diversity Database
CNPS	California Native Plant Species
DPW	Department of Public Works
EME	Edison Mission Energy
kV	kilovolt (1,000 volts)
LORS	laws, ordinances, regulations, and standards
WCE	Walnut Creek Energy, LLC
WCEP	Walnut Creek Energy Park

Executive Summary

Walnut Creek Energy, LLC (WCE) (a wholly owned subsidiary of Edison Mission Energy) petitions the California Energy Commission for a staff approved project modification for Walnut Creek Energy Park (WCEP) (05-AFC-02C). This Petition for Modification proposes the following modifications to the project description: (1) add two adjacent portions of Southern California Edison (SCE) transmission line easements to the project, (2) add related equipment modifications necessary to change the electricity generation interconnection structures (poles) configuration from a Delta arrangement to a Vertical arrangement, (3) reduce the number of offsite transmission poles from five to three, and increase their height from 135 feet to a maximum of 165 feet, and (4) change the height of one onsite transmission pole from 90 feet high to a maximum of 150 feet. These changes are necessary in order to keep the generator tie-line, steel poles, crossarms and conductors inside SCE property, and to maintain a safe working distance from the conductors. Correspondence with the City of Industry (City) is included as Attachment 1 demonstrating that these proposed changes are consistent with the City's Zoning Code.

The additional areas (Figures 1 and 2) consist of two separate parcels (north and south) that are part of the existing SCE transmission line easements that are adjacent to the WCEP project site and the Walnut Substation. The two parcels are essentially vacant, with the exception of existing transmission structures, and are separated from each other by the railroad tracks, which run east to west. These portions of the SCE easements were not anticipated to be needed for construction, and therefore were not included in the original Application for Certification (AFC) analysis.

No changes to the Conditions of Certification set forth in the February 2008 certification for WCEP are needed. As discussed in further detail below, WCE has completed the final design of the plant and has determined that some minor changes will be required. WCE is submitting this request pursuant to 20 CCR Section 1769 governing post certification amendments and changes. As set forth herein, WCE believes that the proposed modifications will not have a significant effect on the environment, will not result in a change or deletion of any Conditions of Certification, and will not cause the project to be in noncompliance with applicable laws, ordinances, regulations or standards. Therefore, WCE believes that the requested changes can be approved as a staff approved project modification by staff pursuant to 20 CCR Section 1769(a)(2). In order for staff to assess the proposed modifications and determine that the modifications do or do not meet the criteria in 20 CCR Section 1769(a)(2), or that there may be a timely objection to such a determination by staff, WCE has included herein all of the information that would be required to process the proposed modifications as a formal amendment pursuant to 20 CCR Section 1769(a)(3). The proposed modifications to WCE will not cause significant adverse impacts to the environment and will not cause environmental impacts substantially different than those addressed in the Commission Decision.

SECTION 1.0

Introduction

1.1 Overview of Modifications

Walnut Creek Energy, LLC (WCE) petitions the California Energy Commission (CEC) to modify the February 2008 Final Commission Decision (“Commission Decision”) for Walnut Creek Energy Park (WCEP) (CEC-008-2008-002-CMF). The Application for Certification (AFC) for this project was filed in 2005 (WCE, 2005) and the facility received the Commission Decision on February 27, 2008 (CEC, 2008).

This Petition for Modification proposes to add two adjacent portions of SCE transmission line easements and the related equipment modifications necessary to modify the electricity generation interconnection structures configuration to the project. A detailed description of the proposed modifications to the WCEP is included in Section 2.0.

This Petition for Modification contains all of the information that is required pursuant to the CEC’s Siting Regulations (California Code of Regulations [CCR] Title 20, Section 1769, Post Certification Amendments and Changes). The information necessary to fulfill the requirements of Section 1769 is contained in Sections 1.0 through 6.0, as summarized in Table 1.1-1.

TABLE 1.1-1
Informational Requirements for Post-Certification Modifications

Section 1769 Requirement	Section of Petition Fulfilling Requirement
(A) A complete description of the proposed modifications, including new language for any conditions that will be affected	Section 2.0—Proposed modifications No changes to Conditions of Certification are necessary
(B) A discussion of the necessity for the proposed modifications	Section 1.3
(C) If the modification is based on information that was known by the petitioner during the certification proceeding, an explanation why the issue was not raised at that time	Section 1.3
(D) If the modification is based on new information that changes or undermines the assumptions, rationale, findings, or other bases of the final decision, an explanation of why the change should be permitted	Sections 1.4, 3.1
(E) An analysis of the impacts the modification may have on the environment and proposed measures to mitigate any significant adverse impacts	Section 3.1
(F) A discussion of the impact of the modification on the facility's ability to comply with applicable laws, ordinances, regulations, and standards;	Section 3.1
(G) A discussion of how the modification affects the public	Section 4.0
(H) A list of property owners potentially affected by the modification	Section 5.0

TABLE 1.1-1
Informational Requirements for Post-Certification Modifications

Section 1769 Requirement	Section of Petition Fulfilling Requirement
(I) A discussion of the potential effect on nearby property owners, the public and the parties in the application proceedings.	Section 6.0

1.2 Ownership of the Facility Property

WCE will own WCEP, and is a wholly-owned subsidiary of Edison Mission Energy (EME). EME is an independent power developer, owner, and operator engaged in the business of owning or leasing, operating, and selling energy and capacity from electric power generation facilities.

1.3 Necessity of Proposed Changes

The Siting Regulations require a discussion of the necessity for the proposed revision to the Commission Decision and whether the modification is based on information known by the petitioner during the certification proceeding (Title 20, CCR, Sections 1769 [a][1][B] and [C]). This Petition for Modification proposes to add two adjacent portions of SCE transmission line easements to the project, to facilitate related equipment modifications necessary to change the electricity generation interconnection structures. These changes, which are described in more detail in Section 2, are necessary to keep the project's electricity generation interconnection, steel poles, crossarms, and conductors inside SCE property, and to maintain a safe working distance from the conductors.

1.4 Consistency of Changes with Certification

The Siting Regulations also require a discussion of the consistency of the proposed project revision with the applicable laws, ordinances, regulations, and standards (LORS) and whether the modifications are based on new information that changes or undermines the assumptions, rationale, findings, or other basis of the final decision (Title 20, CCR Section 1769 [a][1][D]). If the project is no longer consistent with the certification, the Petition for Modification must provide an explanation why the modification should be permitted.

The proposed project revisions are consistent with all applicable LORS. This Petition for Modification is not based on new information that changes or undermines any basis for the Commission Decision. The findings and conclusions contained in the Commission Decision for WCEP (CEC, 2008) are still applicable to the project, as modified.

1.5 Summary of Environmental Impacts

The CEC Siting Regulations require that an analysis be conducted to address the potential impacts the proposed modifications may have on the environment, and proposed measures to mitigate any potentially significant adverse impacts (Title 20, CCR, Section 1769 [a][1][E]).

The regulations also require a discussion of the impact of the modification on the facility's ability to comply with applicable LORS (Section 1769 [1][a][F]). Section 3.0 of this Petition for Modification includes a discussion of the potential environmental impacts associated with the modifications, as well as a discussion of the consistency of the modification with LORS. Section 3.0 also includes updated environmental baseline information if changes have occurred since the AFC that would have a bearing on the environmental analysis of the Petition for Modification. Section 3.0 concludes that there will be no significant environmental impacts associated with implementing the actions specified in the Petition for Modification and that the project as modified will comply with all applicable LORS.

1.6 Conditions of Certification

The addition of the new proposed transmission construction areas for the WCEP identified in this petition would require no changes to the CEC Conditions of Certification, as described in the Commission Decision for the WCEP.

1.7 References

California Department of Fish and Game. 2011. Natural Diversity Database. Azusa, Baldwin Park, El Monte, Glendora, La Habra, Mt. Wilson, San Dimas, Whittier, and Yorba Linda, CA 7.5-minute USGS Quads. September 29.

California Energy Commission (CEC). 2008. Final Commission Decision on Walnut Creek Energy Park. California Energy Commission, Sacramento, California. February.

South Central Coastal Information Center (SCCIC). 2005. California Historical Resources Information System (CHRIS). California State University, Fullerton, CA. September 8.

Walnut Creek Energy, LLC (WCE). 2005. Application for Certification for the Walnut Creek Energy Park. Submitted to the California Energy Commission. Submitted by Walnut Creek Energy, LLC, a wholly owned subsidiary of Edison Mission Energy.

SECTION 2.0

Description of Project Modifications

This section includes a description of the proposed project modifications, consistent with CEC Siting Regulations (Title 20, CCR, Section 1769 [a][1][A]). This Petition for Modification proposes to add two new transmission construction areas to the WCEP.

This Petition for Modification proposes the following modifications to the project description: (1) add two adjacent portions of Southern California Edison (SCE) transmission line easements to the project, (2) add related equipment modifications necessary to change the electricity generation interconnection structures (poles) configuration from a Delta arrangement to a Vertical arrangement, (3) reduce the number of offsite transmission poles from five to three, and increase their height from 135 feet to a maximum of 165 feet, and (4) change the height of one onsite transmission pole from 90 feet high to a maximum of 150 feet. These changes are necessary in order to keep the project's electricity generation interconnection, steel poles, crossarms and conductors inside SCE property, and to maintain a safe working distance from the conductor.

The additional areas (Figures 1 and 2) consist of two separate parcels (north and south) that are part of the existing SCE transmission line easements that are adjacent to the WCEP project site and the Walnut Substation. The two parcels are essentially vacant, with the exception of existing transmission structures, and are separated by the railroad tracks, which run east to west. These portions of the SCE easements were not anticipated to be needed for construction, and therefore were not included in the original Application for Certification (AFC) analysis.

These parcels have been used by SCE as transmission easements for quite some time, therefore with the exception of the existing transmission structures, are currently undeveloped (Attachment 4 - Photo Log).

The WCEP site and the two new proposed transmission construction areas are all within an area of the City of Industry that is zoned Industrial; therefore this activity is a permitted use. Access to the new construction areas from surface streets would be the same as the WCEP site.

WCE does not suggest any revisions to the Conditions of Certification set forth in the February 2008 certification for the WCEP. With adherence to the Conditions of Certification, the WCEP, as modified, will not cause significant adverse impacts to the environment and will not cause environmental impacts substantially different than those addressed in the Commission Decision.

This Petition for Modification requests approval to add two new transmission construction areas to the original WCEP, as described in the Commission Decision. The purpose of the modification is to allow for modifications to the electricity generation interconnection arrangement accessing the nearby Walnut substation. The addition of the new areas will facilitate necessary changes to the project's generator tie-line to keep the steel poles,

crossarms and conductors inside SCE property, and to maintain a safe working distance from the conductor.

No Conditions of Certification will be changed, therefore no new language is proposed.

SECTION 3.0

Environmental Analysis of Proposed Project Modifications

The proposed modifications to the WCEP would be limited to the addition of the two previously described transmission construction areas. As a result, the environmental analysis for all of the environmental disciplines does not differ significantly from that described in the AFC, and the impacts associated with this Petition for Modification would be less than significant. The environmental analysis for the following environmental disciplines would not differ significantly from the AFC and Supplement IV:

- Air Quality
- Hazardous Materials Management
- Land Use
- Noise
- Public Health
- Socioeconomics
- Soil and Water Resources
- Traffic and Transportation
- Waste Management
- Worker Safety and Fire Protection

For the environmental disciplines of Biological Resources, Cultural Resources, Paleontological Resources and Visual Resources, additional evaluation and verification by technical resource experts was undertaken in order to confirm that the proposed addition of the new transmission construction areas and related equipment modifications would not change the environmental analysis presented in the AFC. Sections 3.1 to 3.4 below describe the additional evaluation performed for the aforementioned four resource areas. The proposed modifications do not require changes to the Conditions of Certification.

3.1 Biological Resources

The Commission Decision determined that the WCEP would not have significant impacts on Biological Resources. Pursuant to this proposed Petition for Modification, the addition of the new transmission construction areas and related equipment modifications is not expected to have a significant impact on Biological Resources.

3.1.1 Environmental Baseline Information

This Petition for Modification does not require changes to the Environmental Baseline Information as described in the AFC. There have been no significant changes that would alter the analysis or conclusions for Biological Resources.

3.1.2 Environmental Consequences

The proposed construction of new transmission towers at two adjacent properties separated by a railway line (north and south) is not expected to cause any significant change to biological resources, as discussed in the AFC. In preparation of the WCEP AFC, no issues or significant impacts were identified for biological resources, and as such, no Conditions of Certification for biological resources were issued by the CEC for construction or operation of the WCEP.

A biological resources site reconnaissance survey of the new proposed transmission construction areas was conducted on September 23, 2011 by a CH2M HILL biologist. The new proposed construction areas are located in a highly urbanized setting surrounded by industrial and residential land uses. The Walnut Substation is located adjacent and to the south of the southern construction area, and a rail line runs parallel to the northern boundary. The northern transmission construction area is located to the north, with the rail line as its southern boundary and a concrete aqueduct as its northern boundary. Habitat form and function at both sites has been impacted by past disturbances and currently the only development of these two sites consists of previously installed transmission towers. Neither of the two proposed transmission construction areas was observed to contain native habitat.

The southernmost area is comprised of non-native ruderal growth primarily vegetated with weedy species such as Russian thistle (*Salsola tragus*), and Kochia (*Kochia scoparia*). Intermittent growth of palm trees (*Washingtonia sp.*) was also observed throughout the site. Several shrubs and tree species were noted along the perimeter of the property against the surrounding fence line. The site is relatively flat and is bisected by an old asphalt and gravel road running longitudinally east to west. The soil surface of the site appeared to be heavily compacted from past disturbances. No sensitive species were observed during pedestrian surveys in the southern area. Species and signs observed during surveys include; mourning dove (*Zenaida macroura*), American goldfinch (*Carduelis tristis*), northern mockingbird (*Mimus polyglottos*), bushtit (*Psaltriparus minimus*), Anna's hummingbird (*Calypte anna*), monarch butterfly (*Danaus plexippus*), coyote (*Canis latrans*) tracks and scat, common raccoon (*Procyon lotor*) tracks and scat, and evidence of fossorial mammals (burrows observed).

The northernmost area appears to have been mowed in recent months as evidenced by rows of cut and matted vegetation. It is likely this site was comprised of non-native ruderal growth, much like the southern area. A gravel road bisected the property east to west with shrub and tree species growing along the perimeter of the property along the surrounding fence line. No sensitive species were observed during pedestrian surveys in the northern area. Species and sign observed during surveys in this area include; mourning dove, northern mockingbird, common raven (*Corvus corax*), great horned owl (*Bubo virginianus*) feather, and evidence of fossorial mammals (burrows observed). Burrows were primarily

noted in compost piles located along the southeast corner of the site and at a location at the far western edge in the disturbed soil at the base of a sign.

Although both new proposed transmission construction areas provide minimal to low biological value, both sites currently provide a minimal amount of foraging and sheltering habitat for urban-adapted wildlife species such as mourning dove, northern mockingbird, house finch (*Carpodacus mexicanus*), and common raccoon.

The proposed new transmission construction areas fall within the occurrence area for one sensitive plant species, San Bernardino aster (*Symphyotrichum defoliatum*). The San Bernardino aster, a California Native Plant Species (CNPS) List 1B.2 species, is endemic to southern California and is associated with meadows and seeps, marshes and swamps, coastal scrub, cismontane woodland, lower montane coniferous forest, and vernal mesic grasslands near ditches, streams, and springs as well as disturbed areas (CNPS 2011). This species blooms from July to November and generally occurs in areas with a substantial water supply throughout much of the year. San Bernardino aster is known from Imperial, Kern, Los Angeles, Orange, Riverside, San Bernardino, San Diego, and possibly San Luis Obispo counties (CNPS 2011), with many of these documented individuals believed to have been extirpated.

According to the historic CNDDDB occurrence (1930) of the San Bernardino aster shown on Figure 3, the exact location is unknown (CNDDDB 2011). The occurrence was mapped as an estimated of the area south of La Puente near San Jose Creek. This species is presumed to be extirpated as the area has been heavily developed since 1930. Furthermore, the xeric habitat of both areas would not be expected to support a mesic species such as San Bernardino aster. Therefore, there is very limited potential for San Bernardino aster to occur in the disturbed non-native ruderal habitat on site.

No suitable habitat for sensitive species is present due to the highly disturbed nature of the two sites and therefore no significant impacts to Biological Resources are anticipated with the use of these two proposed transmission construction areas. Based on a review of a recent CNDDDB query (Figure 3 and Attachment 2), no sensitive species were observed during the site reconnaissance.

3.1.3 Mitigation Measures

The impacts on biological resources as a result of the proposed new transmission construction areas and related equipment modifications are less than significant, and will, therefore, not require additional mitigation measures.

3.1.4 Consistency with LORS

The proposed addition to the WCEP of the new transmission construction areas and related equipment modifications will remain consistent with all applicable LORS related to Biological Resources.

3.1.5 Conditions of Certification

The proposed addition to the WCEP of the new transmission construction areas and related equipment modifications will not require changes to the Conditions of Certification for Biological Resources.

3.2 Cultural Resources

The Commission Decision determined that the WCEP would not have significant impacts on Cultural Resources. Pursuant to this proposed Petition for Modification, the addition of the new transmission construction areas and related equipment modifications is not expected to have a significant impact on Cultural Resources.

3.2.1 Environmental Baseline Information

This Petition for Modification does not require changes to the Environmental Baseline Information as described in the AFC. There have been no significant changes in terms of local development that would change the analysis or conclusions for Cultural Resources.

3.2.2 Environmental Consequences

The proposed addition of the new transmission construction areas and related equipment modifications is not expected to cause any significant change to Cultural Resources, as discussed in the AFC. In preparation of the WCEP AFC, no issues or significant impacts were identified for Cultural Resources.

The proposed new transmission construction areas for the WCEP were subject to a cultural resources inventory. This inventory includes archival research, site reconnaissance, and surface pedestrian survey. The area of potential effect (APE) for the new transmission construction areas was determined in accordance with the latest CEC *Rules of Practice and Procedure & Power Plant Site Certification Regulations* (CEC 2007) for assessing potential impacts to archaeological and architectural resources.

In order to confirm that there would be no new issues or potential impacts associated with Cultural Resources from the new transmission construction areas and related equipment modifications, a review of the existing WCEP literature search performed prior to the AFC filing was conducted. In addition, an intensive pedestrian survey of each new construction area was performed, the first on September 15, 2011 and the second on September 23, 2011. These activities were conducted by the WCEP Cultural Resources Monitor (CRM), and supervised by the WCEP Cultural Resources Specialist (CRS).

During the WCEP AFC process, CH2M HILL completed a literature search for the affected areas at the California Historical Resources Information System (CHRIS), South Central Coastal Information Center (Center), using a definition of a one-half mile buffer zone around the project site. Because the new proposed transmission construction areas are immediately adjacent to the project site, the WCEP CRS determined that the original literature search would be sufficient and applicable. With assistance from Center staff, the CHRIS literature and records review included a review of all recorded archaeological sites as well as all known cultural resource survey and excavation reports. The National Register of Historic Places (NHRP), the California Register, California Historical Landmarks, and California Points of Historical Interest were all examined.

According to information available in the CHRIS files, no previous cultural resource studies have been prepared within the proposed new transmission construction areas. No previously recorded resources are located within the affected areas.

A cultural resources site reconnaissance survey of the proposed new transmission construction areas was conducted on September 15 and September 23, 2011, by the acting CRM for the WCEP, Daniel Ewers, M.A., RPA. Visibility was excellent throughout the northern construction area however visibility was very poor in the southern construction area. Much of the southern area has no ground visibility due to thick vegetation. Each new proposed transmission construction area has been previously disturbed and both areas are largely vacant. Weed abatement on the northern area appeared to have occurred recently; however weed abatement on the southern area does not appear to have taken place recently. One portion of the southern construction area did offer excellent visibility, and this area was observed to contain patchy crumbling asphalt.

Cultural resources sensitivity in the new transmission construction areas is considered moderately high to high because of proximity to prehistoric stream channels. No cultural resources were found during this cultural resources assessment and no significant historical resources were identified. Limited subsurface disturbance within the transmission construction areas is planned due to the placement and excavation of pilings for the tower foundations. These excavations will be subject to the same Conditions of Certification as all other construction areas, including Cultural resources monitoring by the CRM.

3.2.3 Mitigation Measures

The impacts on Cultural Resources as a result of the proposed new transmission construction areas and related equipment modifications are less than significant, and will, therefore, not require additional mitigation measures.

3.2.4 Consistency with LORS

The proposed addition to the WCEP of the new transmission construction areas and related equipment modifications will remain consistent with all applicable LORS related to Cultural Resources.

3.2.5 Conditions of Certification

The proposed addition to the WCEP of the new transmission construction areas and related equipment modifications will not require changes to the Conditions of Certification for Cultural Resources.

3.3 Paleontological Resources

The Commission Decision determined that the WCEP would not have significant impacts on Paleontological Resources. Pursuant to this proposed Petition for Modification, the addition of the new proposed transmission construction areas and related equipment modifications is not expected to have a significant impact on Paleontological Resources.

3.3.1 Environmental Baseline Information

This Petition for Modification does not require changes to the Environmental Baseline Information as described in the AFC. There have been no significant changes that would alter the analysis or conclusions for Paleontological Resources.

3.3.2 Environmental Consequences

The proposed addition of the new transmission construction areas and related equipment modifications is not expected to cause any significant change to Paleontological Resources, as discussed in the AFC. In preparation of the WCEP AFC, no issues or significant impacts were identified for Paleontological Resources provided the proposed mitigation measures were followed. The AFC found no fossils within three miles of the WCEP Project site. This buffer includes the proposed new transmission construction areas.

In order to confirm that the modifications would not cause any new issues or potential project impacts to Paleontological Resources a review of existing geologic maps and the project Paleontological Resources Monitoring and Mitigation Plan was performed by the WCEP Paleontological Resources Monitor (PRM) and Staff Paleontologist James Verhoff, under the supervision of the Paleontological Resources Specialist (PRS). The proposed parcels are within the buffer zone of the WCEP Project site that was previously evaluated, and, therefore, no additional literature review was necessary to establish the geology and paleontological sensitivity of the project area.

Four geologic units underlie or lie in the immediate vicinity of the project area, including the new parcels. Granitic basement rocks lie at great depth under the area. These have low paleontological sensitivity, and are very unlikely to be encountered during construction because of this depth. Above this basement, but still well below depths that would be reached by construction, are Tertiary marine strata of high paleontological sensitivity. The uppermost units which are in situ consist of the high-sensitivity lenses of sediment within the generally low-sensitivity Pleistocene alluvium, and low-sensitivity Holocene alluvium of unknown thickness. The near-surface material in the project area includes both disturbed native sediment and artificial fill. Neither disturbed sediment nor artificial fill have the potential to produce scientifically significant fossils. Post-Pleistocene aggradation has likely deposited a great thickness of low-sensitivity Holocene sediment in the area of the project site and two parcels, and therefore construction encounters with scientifically significant fossils are unlikely.

The geology in these parcels is similar to that of the power plant itself: disturbed sediment underlain by an unknown thickness of Holocene sediment, which in turn is underlain by high-sensitivity Pleistocene sediment. Only limited excavations, associated with tower footings and pile driving, will occur, though some of these excavations may reach as deep as 40' bgs. As with the power plant, paleontological resources monitoring will not be necessary during excavations of less than 8 feet bgs. Excavations greater than 8 feet bgs will require monitoring.

Because the potential to impact paleontological resources is the same for the new parcels as for the power station itself, no changes to the current monitoring protocol is required. The existing monitoring protocol should be extended to include these parcels.

3.3.3 Mitigation Measures

The impacts on Paleontological Resources as a result of the proposed new construction areas and related equipment modifications are less than significant, and will, therefore, not require additional mitigation measures.

3.3.4 Consistency with LORS

The proposed addition to the WCEP of the new transmission construction areas and related equipment modifications will remain consistent with all applicable LORS related to Paleontological Resources.

3.3.5 Conditions of Certification

The proposed addition to the WCEP of the new transmission construction areas and related equipment modifications will not require changes to the Conditions of Certification for Paleontological Resources.

3.4 Visual Resources

The Commission Decision determined that the WCEP would not have significant impacts on Visual Resources. Pursuant to this proposed Petition for Modification, the addition of the new transmission construction areas and related equipment modifications is not expected to have a significant impact on Visual Resources.

3.4.1 Environmental Baseline Information

This Petition for Modification does not require changes to the Environmental Baseline Information as described in the AFC. There have been no significant changes that would alter the analysis or conclusions for Visual Resources.

3.4.2 Environmental Consequences

The proposed modification that would have the greatest potential to change the appearance of the facility that was described and assessed in the original AFC analysis would be the change in transmission structure configuration. The original design was based on five (5) offsite transmission towers with a maximum height of 135 feet using a Delta structure arrangement. The proposed changes would: (1) add related equipment modifications necessary to change the electricity generation interconnection structures (poles) configuration from a Delta arrangement to a Vertical arrangement, (2) reduce the number of offsite transmission poles from five to three, and increase their height from 135 feet to a maximum of 165 feet, and (3) change the height of one onsite transmission pole from 90 feet high to a maximum of 150 feet. The reduced number of offsite transmission towers along with the height difference would not cause significant adverse visual impacts. The proposed modified structures would be compatible with the industrial character of other nearby areas described in detail in Section 8.13.1: Affected Environment of the original AFC. Nearby areas include transmission rights of way, the SCE Walnut Substation, a large Southern Pacific intermodal truck-rail transfer yard, a Southern Pacific rail line, large low-rise buildings housing warehouse and light manufacturing operations.

The modified transmission structures would be seen from the nearby neighborhood depicted in KOP-1 – Valley Residential Area in Proximity to Site. As was stated in the AFC, these project elements will be readily visible, but will not be dominant elements in the view. The modified structures will appear to be less visually prominent than the existing large lattice-steel transmission towers in the SCE transmission line easement and will not have significant adverse impacts to the residential area depicted in KOP-1 or other residential areas.

The proposed transmission structure modification and addition of SCE transmission line easements would continue to conform to the laws, ordinances, regulations, and standards described in Section 8.13.5 Laws, Ordinances, Regulations, and Standards of the original AFC.

3.4.3 Mitigation Measures

The impacts on Visual Resources as a result of the proposed new transmission construction areas and related equipment modifications are less than significant, and will, therefore, not require additional mitigation measures.

3.4.4 Consistency with LORS

The proposed addition to the WCEP of the new transmission construction areas and related equipment modifications will remain consistent with all applicable LORS related to Visual Resources.

3.4.5 Conditions of Certification

The proposed addition to the WCEP of the new transmission construction areas and related equipment modifications will not require changes to the Conditions of Certification for Visual Resources.

3.5 LORS

The Commission Decision certifying the WCEP project concluded that the project is in compliance with all applicable LORS. The project, as modified, will continue to comply with all applicable LORS.

SECTION 4.0

Potential Effects on the Public

This section discusses the potential effects on the public that may result from the modifications proposed in this Petition for Modification application, pursuant to CEC Siting Regulations (Title 20, CCR, Section 1769[a][1][G]).

No adverse effects on the public will occur because of the changes to the project, as proposed in this Petition for Modification.

SECTION 5.0

List of Property Owners

This section lists the property owners in accordance with the CEC Siting Regulations (Title 20, CCR, Section 1769[a][1][H]). A list of property owners within 1,000 feet of the proposed facility is included as Attachment 3. The list is provided in a format suitable for copying to mailing labels.

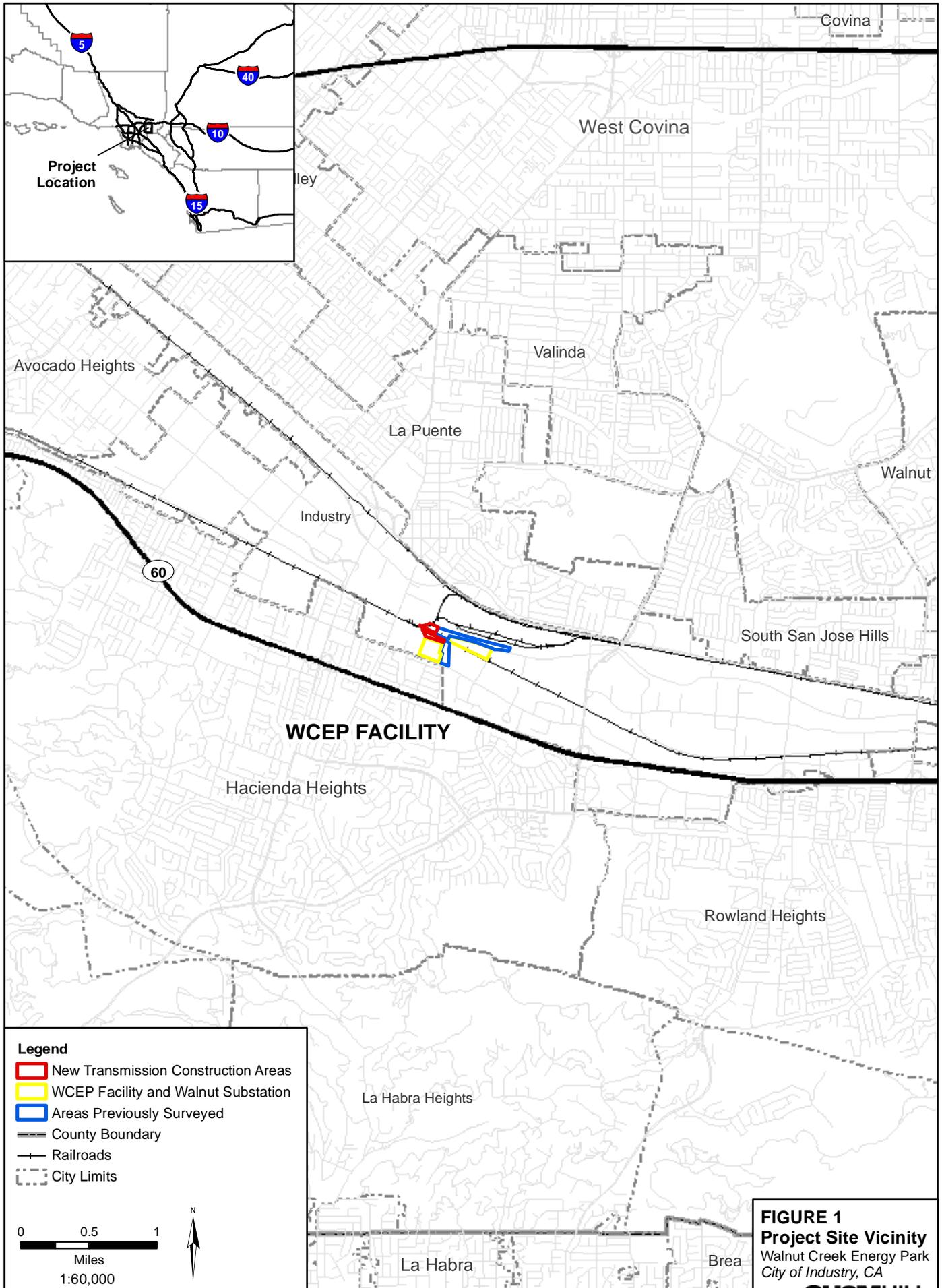
SECTION 6.0

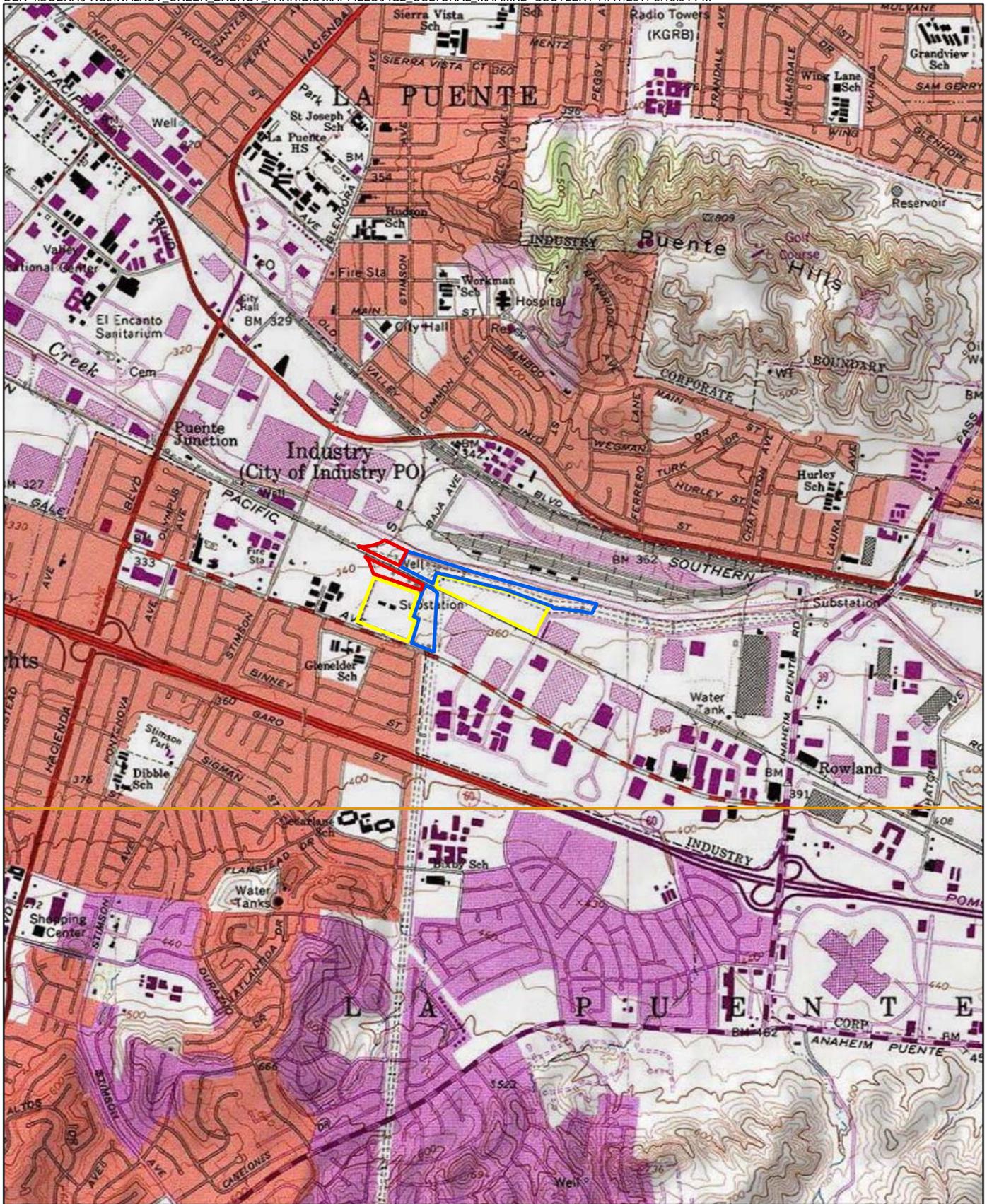
Potential Effects on Property Owners

This section addresses potential effects of the project changes proposed in this Petition for Modification on nearby property owners, the public, and parties in the application proceeding, pursuant to CEC Siting Regulations (Title 20, CCR, Section 1769 [a][1][I]).

The project, as modified, will not differ significantly in potential effects on adjacent land owners, compared with the project as previously proposed. The project, therefore, would have no adverse effects on nearby property owners, the public, or other parties in the application proceeding.

Figures





Legend

- ▭ New Transmission Construction Areas
- ▭ WCEP Facility and Walnut Substation
- ▭ Areas Previously Surveyed
- ▭ Quad Sheet Boundary

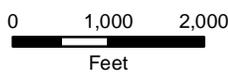
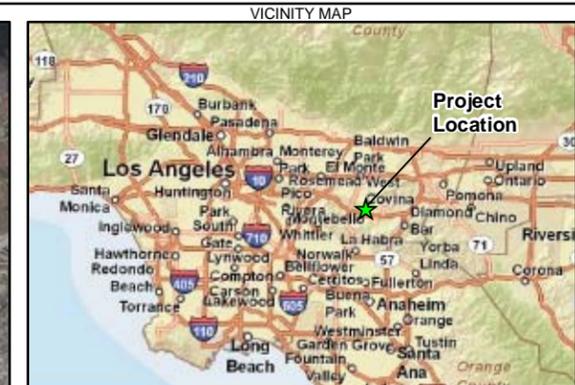
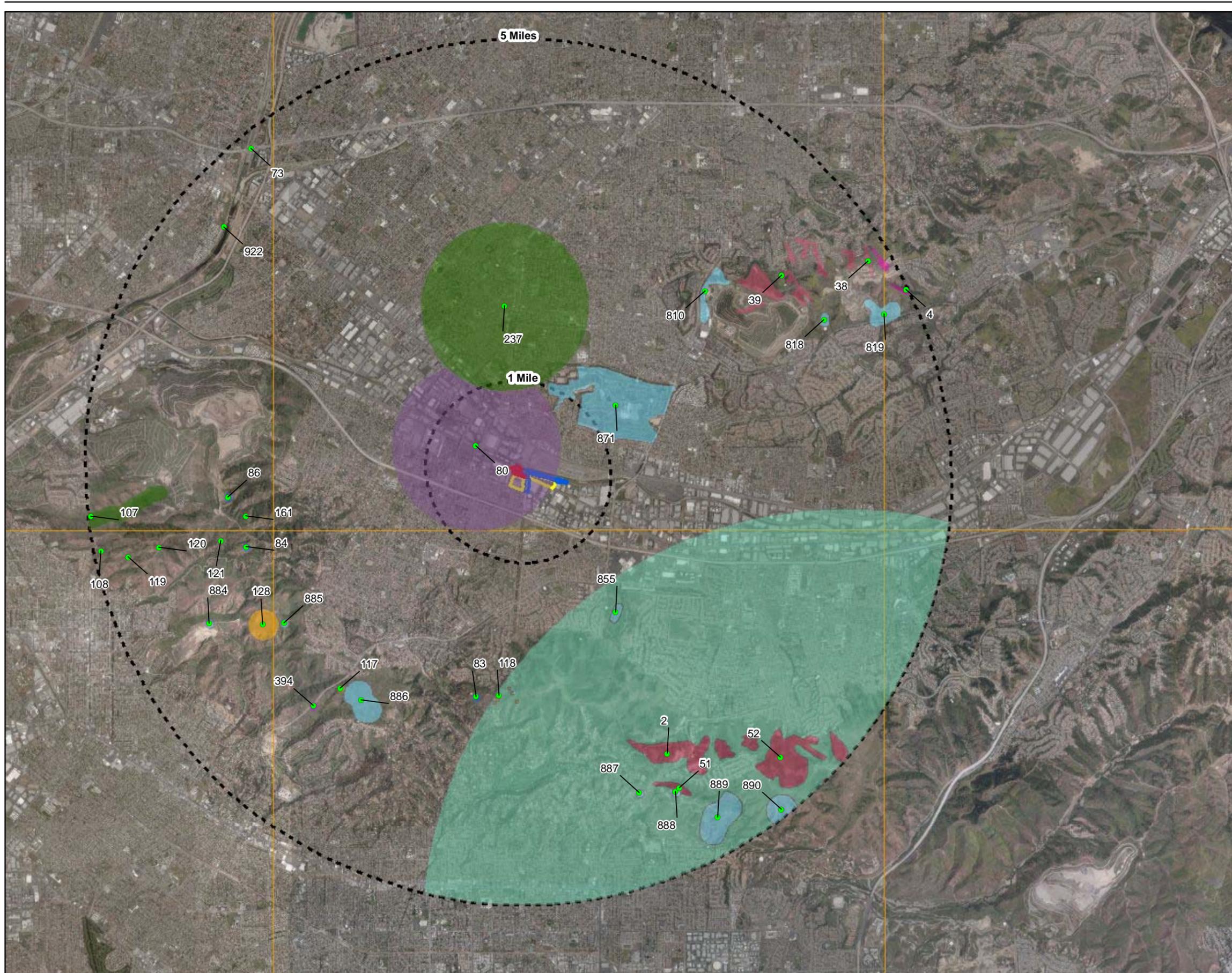


FIGURE 2
Project Site
 Walnut Creek Energy Park
 City of Industry, CA



- LEGEND**
- Quad Sheet Boundary
 - New Transmission Construction Areas
 - WCEP Facility and Walnut Substation
 - Areas Previously Surveyed
 - Occurance number
 - American badger
 - California Walnut Woodland
 - Plummer's mariposa-lily
 - San Bernardino aster
 - Southern Coast Live Oak Riparian Forest
 - Walnut Forest
 - coast horned lizard
 - coastal California gnatcatcher
 - intermediate mariposa-lily
 - many-stemmed dudleya
 - western spadefoot

Note:
 CNDDDB records for the associated Azusa, Baldwin Park, El Monte, Glendora, La Habra, Mount Wilson, San Dimas, Whittier, and Yorba Linda, 7.5-minute U.S. Geological Survey (USGS) quadrangles.

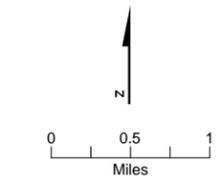


FIGURE 3
California Natural Diversity Database -
New Transmission Construction Areas -
5 mile radius
 Walnut Creek Energy Park
 City of Industry, CA

ATTACHMENT 1

Correspondence from the City of Industry



CITY OF INDUSTRY

P.O. Box 3366 • 15625 E. Stafford St. • City of Industry, CA 91744-0366 • (626) 333-2211 • FAX (626) 961-6795

November 18, 2011

Mr. Kris Kjellman
Walnut Creek Energy, LLC
3 MacArthur Place, Suite 100
Santa Ana, CA 92707

Subject: Walnut Creek Energy Park - Docket No. 05-AFC-2C
City of Industry - Construction of Electricity Generation Interconnection Structures
Development Code Clarification

Dear Mr. Kjellman:

Thank you for your query regarding clarification of the City of Industry's (City) Zoning Code, as it relates to the Walnut Creek Energy Park (WCEP, Project). We are aware that Walnut Creek Energy, LLC (WCE) (a wholly owned subsidiary of Edison Mission Energy) is currently constructing the WCEP within the City, in accordance with the California Energy Commission's (CEC) Final Commission Decision for the Project (05-AFC-02C).

As we discussed, it is correct that under the City's Zoning Code [Title 17, Chapter 16.025(11)] (Code) the construction of a "Utility Substation or Operations Base" in an industrial zone is allowed. Furthermore under Title 17, Chapter 36.060(BB) the Code states: "The maximum height of any building or structure permitted in any industrial zone shall be one-hundred fifty (150) feet, except radio towers, oil derricks, utility substations, and electricity generating facilities." The exception to the 150 foot height limit for "substations" and "electricity generating facilities" includes the interconnection power poles shown in Figure 1 that connect WCEP to the Walnut substation. Therefore, pursuant to our discussion, please let this correspondence serve as acknowledgement and confirmation that the four electricity generation interconnection structures (poles) that will be located from the WCEP Project site to the nearby Walnut Substation, which will be constructed to a maximum height of 165 feet, would be in conformance with the Code.

Should you have any questions or require additional information, please contact me at 626-333-2211.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brian James".

Brian James
Senior Planner

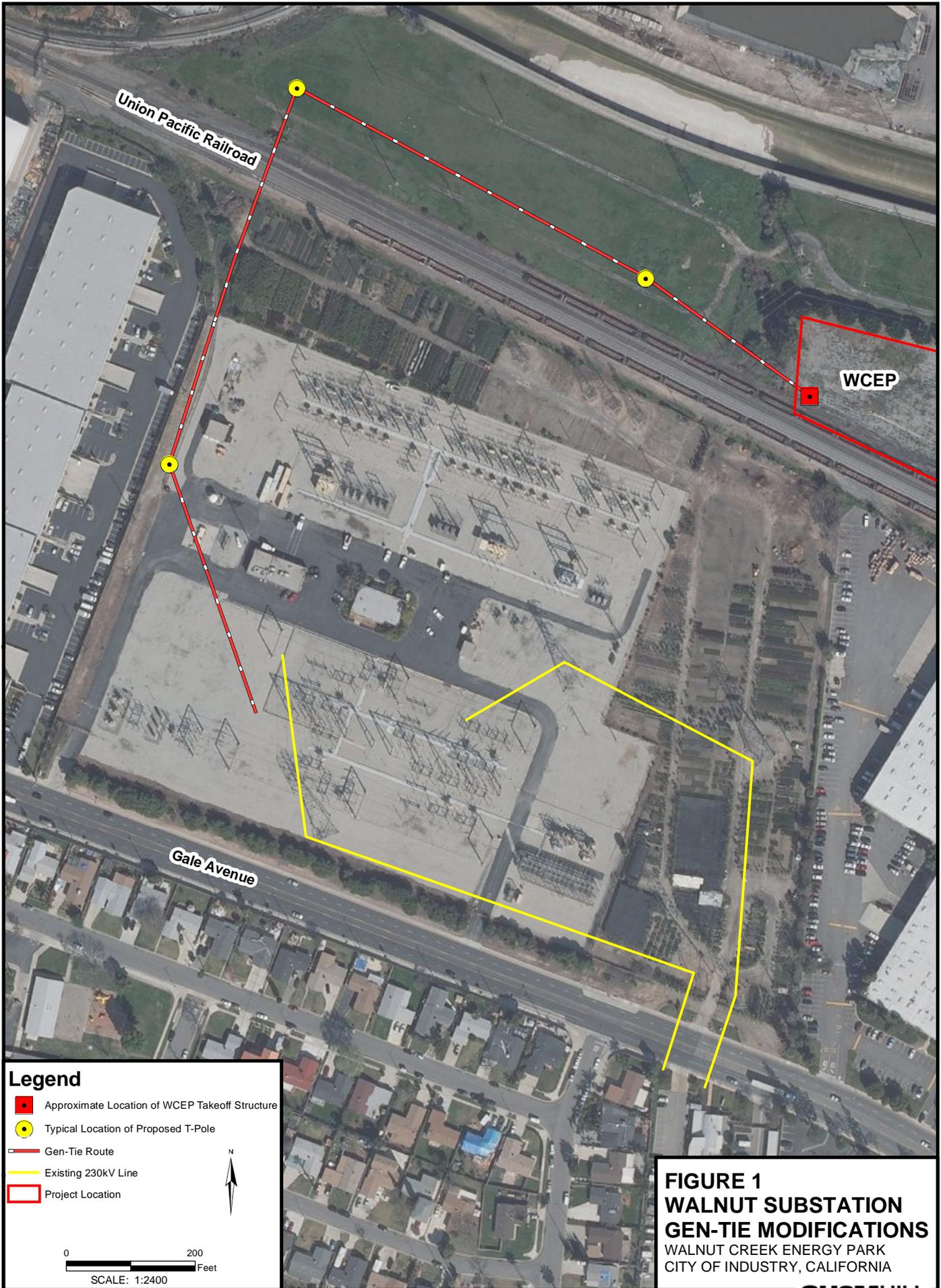


FIGURE 1
WALNUT SUBSTATION
GEN-TIE MODIFICATIONS
 WALNUT CREEK ENERGY PARK
 CITY OF INDUSTRY, CALIFORNIA

ATTACHMENT 2

California Natural Diversity Database

Aspidoscelis tigris stejnegeri

coastal whiptail

Element Code: ARACJ02143

Status	NDDB Element Ranks	Other Lists
Federal: None	Global: G5T3T4	CDFG Status:
State: None	State: S2S3	

Habitat Associations

General: FOUND IN DESERTS & SEMIARID AREAS WITH SPARSE VEGETATION AND OPEN AREAS. ALSO FOUND IN WOODLAND & RIPARIAN AREAS.
Micro: GROUND MAY BE FIRM SOIL, SANDY, OR ROCKY.

Occurrence No. 107	Map Index: 80134	EO Index: 81120	Dates Last Seen
Occ Rank: Unknown			Element: 2000-11-17
Origin: Natural/Native occurrence			Site: 2000-11-17
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2010-09-27

Quad Summary: El Monte (3411811/110D)
County Summary: Los Angeles

Lat/Long: 34.00227° / -118.03725°	Township: 02S
UTM: Zone-11 N3762893 E404212	Range: 11W
Radius: 80 meters	Section: 16
Elevation: 595 ft	Qtr: N
Mapping Precision: SPECIFIC	Meridian: S
Symbol Type: POINT	

Location: ALONG SYCAMORE CANYON RD, 1 MI E OF WORKMAN MILL RD & 1.2 MI SSW OF RIO HONDO JR COLLEGE.
Location Detail: CENTER OF SYCAMORE CANYON, ON SE EDGE OF RESIDENCE AREA. MAPPED TO COORDINATES PROVIDED.
Ecological: PROTECTED BY SYCAMORE CANYON OPEN SPACE NATIVE HABITAT PRESERVATION AUTHORITY (PUENTE HILLS LANDFILL NHPA).
Threat: BIKES ON TRAILS.
General: 1 INDIVIDUAL WAS OBSERVED BY USGS DURING FIELD WORK FROM 21 APR 1998 TO 17 NOV 2000. SPECIFIC OBSERVATION DATE IS UNKNOWN.
Owner/Manager: PUENTE HILLS LANDFILL NHPA

Occurrence No. 108	Map Index: 80139	EO Index: 81123	Dates Last Seen
Occ Rank: Unknown			Element: 2000-11-17
Origin: Natural/Native occurrence			Site: 2000-11-17
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2010-09-28

Quad Summary: Whittier (3311881/089A)
County Summary: Los Angeles

Lat/Long: 33.99639° / -118.03522°	Township: 02S
UTM: Zone-11 N3762239 E404393	Range: 11W
Area: 15.0 acres	Section: 16
Elevation: 845 ft	Qtr: E
Mapping Precision: SPECIFIC	Meridian: S
Symbol Type: POLYGON	

Location: S OF SYCAMORE CYN - 0.5 MI N OF ORANGE DR AT FRIENDS AVE, JUST S OF RIDGE FIRE RD (AKA, SKYLINE DR). HELLMAN PARK.
Location Detail: MAPPED TO COORDINATES PROVIDED.
Ecological: HELLMAN PARK, CITY OF WHITTER.
Threat: BIKES ON TRAILS.
General: 2 INDIVIDUAL WERE OBSERVED AT -118.0351, 33.9964, 2 INDIVIDUALS WERE OBSERVED AT -118.0339, 33.9985, 4 INDIVIDUALS WERE OBSERVED AT -118.0310, 33.9980 DURING FIELD WORK FROM 21 APR 98 TO 17 NOV 00. SPECIFIC OBSERVATION DATES ARE UNKNOWN.
Owner/Manager: CITY OF WHITTER

California Walnut Woodland

Element Code: CTT71210CA

_____ Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: None Global: G2
 State: None State: S2.1

_____ Habitat Associations _____
 General:
 Micro:

Occurrence No. 2 Map Index: 02489 EO Index: 15091 _____ Dates Last Seen _____
 Occ Rank: Unknown Element: 1988-06-08
 Origin: Natural/Native occurrence Site: 1988-06-08
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1998-09-01

Quad Summary: La Habra (3311788/088B)
 County Summary: Los Angeles

Lat/Long: 33.96199° / -117.91938° Township: 20S
 UTM: Zone-11 N3758322 E415058 Range: 10W
 Area: 131.4 acres Mapping Precision: SPECIFIC Section: XX Qtr: XX
 Elevation: 900 ft Symbol Type: POLYGON Meridian: S

Location: 1.5 MILES SOUTH OF HWY 60 ON FULLERTON ROAD.
 Location Detail: ON NORTH SLOPE. EXTANT, 1988, PER INTERPRETATION OF AERIAL PHOTOS. ALSO MAPPED BY WIESLANDER SURVEY.
 Ecological: CLOSED CANOPY FOREST. ANNUAL GRASS IN UNDERSTORY. 3 STANDS, ONE W/60% COAST LIVE OAK, 2 W/ 100% WALNUT PER BURKE 1980. CANOPY ABOUT 25% CLOSED PER LITTLE 1984.
 Threat: SOME RESIDENTIAL DEVELOPMENT IN BOUNDARY.
 General: SEE WWW.DFG.CA.GOV/BIOGEODATA/VEGCAMP/NATURAL_COMM_BACKGROUND.ASP TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.
 Owner/Manager: UNKNOWN

Occurrence No. 38 Map Index: 02537 EO Index: 12448 _____ Dates Last Seen _____
 Occ Rank: Unknown Element: 1985-XX-XX
 Origin: Natural/Native occurrence Site: 1985-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1998-09-01

Quad Summary: Baldwin Park (3411718/109C)
 County Summary: Los Angeles

Lat/Long: 34.04555° / -117.87816° Township: 01S
 UTM: Zone-11 N3767554 E418946 Range: 10W
 Area: 29.0 acres Mapping Precision: SPECIFIC Section: XX Qtr: XX
 Elevation: 900 ft Symbol Type: POLYGON Meridian: S

Location: WALNUT-WEST COVINA CORPORATE BOUNDARY, SSE OF SOUTH HILLS COUNTRY CLUB.
 Location Detail: 1985 EXTENT MAPPED FROM INTERPRETATION OF AERIAL PHOTOS. BOUNDARY REPRESENTS 2 SMALL STANDS.
 Ecological: MAPPED BY WIESLANDER SURVEY AS OPEN WOODLANDS OF JUGLANS CALIFORNICA.
 General: NEEDS FIELD VERIFICATION. SEE WWW.DFG.CA.GOV/BIOGEODATA/VEGCAMP/NATURAL_COMM_BACKGROUND.ASP TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.
 Owner/Manager: UNKNOWN

Occurrence No. 39 Map Index: 02518 EO Index: 15064 _____ Dates Last Seen _____
 Occ Rank: Unknown Element: 1985-XX-XX
 Origin: Natural/Native occurrence Site: 1985-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1998-09-01

Quad Summary: Baldwin Park (3411718/109C)
 County Summary: Los Angeles

Lat/Long: 34.04314° / -117.89584° Township: 01S
 UTM: Zone-11 N3767301 E417311 Range: 10W
 Area: 163.4 acres Mapping Precision: SPECIFIC Section: XX Qtr: XX
 Elevation: 940 ft Symbol Type: POLYGON Meridian: S

Location: SAN JOSE HILLS, ABOUT 1 MILE SOUTH OF HOLLENCREST SCHOOL.
 Location Detail: BOUNDARY REPRESENTS FIVE STANDS AS INTERPRETED FROM 1985 AERIAL PHOTOS.
 Ecological: MAPPED BY WIESLANDER SURVEY AS OPEN CANOPY JUGLANS CALIFORNICA AND QUERCUS AGRIFOLIA.
 General: NEEDS FIELD VERIFICATION. SEE WWW.DFG.CA.GOV/BIOGEODATA/VEGCAMP/NATURAL_COMM_BACKGROUND.ASP TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.
 Owner/Manager: UNKNOWN

Calochortus plummerae

Plummer's mariposa-lily

Element Code: PML10D150

Status: _____ NDDB Element Ranks: _____ Other Lists: _____
 Federal: None Global: G3 CNPS List: 1B.2
 State: None State: S3

Habitat Associations

General: COASTAL SCRUB, CHAPARRAL, VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND, LOWER MONTANE CONIFEROUS FOREST.
 Micro: OCCURS ON ROCKY AND SANDY SITES, USUALLY OF GRANITIC OR ALLUVIAL MATERIAL. CAN BE VERY COMMON AFTER FIRE. 90-1610M.

Occurrence No. 117 Map Index: 77135 EO Index: 78087 Dates Last Seen: _____
 Occ Rank: Good Element: 2005-06-01
 Origin: Natural/Native occurrence Site: 2005-06-01
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2009-10-30

Quad Summary: La Habra (3311788/088B)
 County Summary: Los Angeles

Lat/Long: 33.97308° / -117.98621° Township: 02S
 UTM: Zone-11 N3759609 E408894 Range: 11W
 Radius: 80 meters Mapping Precision: SPECIFIC Section: 25 Qtr: NW
 Elevation: 900 ft Symbol Type: POINT Meridian: S

Location: SE SIDE OF COLIMA ROAD, 0.2 ROAD MILE SW OF THE INTERSECTION WITH CASINO DR, IN ARROYO SAN MIGUEL OPEN SPACE, WHITTIER.
 Location Detail: MAPPED USING PROVIDED COORDINATES FROM KRIEG 2005 IN THE NE1/4 OF THE NW1/4 SEC 25.
 Ecological: BLACK SAGE SCRUB. WEST-FACING CLIFF FACE.
 General: 16 PLANTS OBSERVED IN 2005.
 Owner/Manager: CITY OF WHITTIER

Occurrence No. 118 Map Index: 77136 EO Index: 78091 Dates Last Seen: _____
 Occ Rank: Good Element: 2005-05-31
 Origin: Natural/Native occurrence Site: 2005-05-31
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2009-10-30

Quad Summary: La Habra (3311788/088B)
 County Summary: Los Angeles

Lat/Long: 33.97184° / -117.95378° Township: 02S
 UTM: Zone-11 N3759444 E411889 Range: 10W
 Area: 5.0 acres Mapping Precision: SPECIFIC Section: 29 Qtr: N
 Elevation: 1,200 ft Symbol Type: POLYGON Meridian: S

Location: SOUTH OF SKYLINE TRAIL, IN POWDER CANYON OPEN SPACE, NEAR THE SOUTHERN END OF PUNTA DEL ESTE DRIVE, HACIENDA HEIGHTS.
 Location Detail: MAPPED BY CNDDB AS SIX POLYGONS, BASED ON SEVEN SETS OF GPS COORDINATES. POPULATION RANGES FROM ABOUT 0.2 AIR MILES SOUTH OF THE END OF PUNTA DEL ESTE DRIVE TO 0.3 AIR MILE SE OF THE END OF THE ROAD.
 Ecological: COASTAL SAGE SCRUB, EUCALYPTUS WOODLAND, AND GRASSLAND SCRUB ECOTONE. ASSOCIATED WITH SALVIA MELLIFERA, ERIOGONUM FASCICULATUM, PHACELIA CICUTARIA, LOTUS SCOPARIUS, DUDLEYA LANCEOLATA, MARAH MACROCARPUS, AVENA BARBATA, RHUS INTEGRIFOLIA.
 Threat: SOME PLANTS MAY BE THREATENED BY EXPANSION OF EUCALYPTUS WOODLAND.
 General: NUMBERS OF PLANTS OBSERVED IN POLYGONS, GOING FROM WEST TO EAST, IN 2005: 30, 67, 3, 13, 22, AND APPROXIMATELY 2.
 Owner/Manager: PUENTE HILLS LANDFILL NHPA

Occurrence No. 119 Map Index: 77225 EO Index: 78092 Dates Last Seen: _____
 Occ Rank: Good Element: 2005-06-03
 Origin: Natural/Native occurrence Site: 2005-06-03
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2009-11-10

Quad Summary: Whittier (3311881/089A)
 County Summary: Los Angeles

Lat/Long: 33.99538° / -118.02963° Township: 02S
 UTM: Zone-11 N3762122 E404908 Range: 11W
 Area: 1.0 acres Mapping Precision: SPECIFIC Section: 16 Qtr: E
 Elevation: 900 ft Symbol Type: POLYGON Meridian: S

Location: 0.5 AND 0.7 AIR MILE N OF INTERSECTION OF ALTA AVE & BEVERLY BLVD, BETWEEN SYCAMORE CANYON & TURNBULL CANYON, WHITTIER.
 Location Detail: TWO COLONIES.
 Ecological: ON RIDGELINE AND SLOPE IN COASTAL SAGE SCRUB. ASSOC WITH ERIOGONUM FASCICULATUM, ARTEMISIA CALIFORNICA, MALACOTHRIX SAXATILIS, LOTUS SCOPARIUS, BROMUS DIANDRUS, MELICA IMPERFECTA, CENTAUREA MELITENSIS, BRASSICA NIGRA, ERIASTRUM SAPPHIRINUM.
 Threat: SITE PRESERVED AS OPEN SPACE. THREATENED BY NON-NATIVE VEGETATION.
 General: 5 PLANTS OBSERVED IN NW COLONY AND 62 PLANTS SEEN IN SE COLONY IN 2005.
 Owner/Manager: PUENTE HILLS LANDFILL NHPA

Calochortus plummerae

Plummer's mariposa-lily

Element Code: PMLI0D150

Status	NDDB Element Ranks	Other Lists
Federal: None	Global: G3	CNPS List: 1B.2
State: None	State: S3	

Habitat Associations

General: COASTAL SCRUB, CHAPARRAL, VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND, LOWER MONTANE CONIFEROUS FOREST.
Micro: OCCURS ON ROCKY AND SANDY SITES, USUALLY OF GRANITIC OR ALLUVIAL MATERIAL. CAN BE VERY COMMON AFTER FIRE. 90-1610M.

Occurrence No. 120	Map Index: 77227	EO Index: 78093	Dates Last Seen
Occ Rank: Fair			Element: 2005-04-15
Origin: Natural/Native occurrence			Site: 2005-04-15
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2009-11-10

Quad Summary: Whittier (3311881/089A)
County Summary: Los Angeles

Lat/Long: 33.99699° / -118.02335°	Township: 02S
UTM: Zone-11 N3762295 E405490	Range: 11W
Area: 1.0 acres	Section: 15 Qtr: N
Elevation: 1,100 ft	Meridian: S
Mapping Precision: SPECIFIC	
Symbol Type: POLYGON	

Location: 0.7 AIR MILE NE OF INTERSECTION OF ALTA AVE AND BEVERLY BLVD, BETWEEN SYCAMORE CANYON AND TURNBULL CANYON, WHITTIER.

Location Detail: TWO COLONIES.

Ecological: COASTAL SAGE SCRUB/ANNUAL GRASSLAND ECOTONE. THIN, ROCKY SOILS. ASSOCIATED WITH SALVIA MELLIFERA, ERIOGONUM FASCICULATUM, DUDLEYA LANCEOLATA, CENTAUREA MELITENSIS, LOTUS SALUGINOSUS, L. SCOPARIUS, BRASSICA NIGRA, AND ENCELIA CALIFORNICA.

Threat: THREATENED BY NON-NATIVE ANNUAL GRASSES; EASTERN COLONY IS ADJACENT TO FIRE ROAD. LAND PRESERVED AS OPEN SPACE.

General: 60-100 PLANTS OBSERVED IN WESTERN COLONY AND 32 PLANTS OBSERVED IN EASTERN COLONY IN 2005.

Owner/Manager: PUENTE HILLS LANDFILL NHPA

Occurrence No. 121	Map Index: 77228	EO Index: 78094	Dates Last Seen
Occ Rank: Poor			Element: 2005-06-02
Origin: Natural/Native occurrence			Site: 2005-06-02
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2009-11-10

Quad Summary: Whittier (3311881/089A)
County Summary: Los Angeles

Lat/Long: 33.99816° / -118.01065°	Township: 02S
UTM: Zone-11 N3762412 E406664	Range: 11W
Area: 1.0 acres	Section: 14 Qtr: XX
Elevation: 1,000 ft	Meridian: S
Mapping Precision: SPECIFIC	
Symbol Type: POLYGON	

Location: 0.7 AIR MILE NW OF WORKMAN HILL, 0.2-0.3 AIR MILE N OF TURNBULL CANYON RD, NEAR HEAD OF TURNBULL CYN, NE OF WHITTIER.

Location Detail: 2 COLONIES.

Ecological: COASTAL SAGE SCRUB AND RUDERAL HABITAT. THIN, ROCKY SOILS. ASSOC WITH CENTAUREA MELITENSIS, ERIOGONUM FASCICULATUM, DEINANDRA FASCICULATA, MALOSMA LAURINA, LOLIUM MULTIFLORUM, BROMUS RUBENS, B. HORDEACEUS, AVENA BARBATA, LOTUS SCOPARIUS.

Threat: THREATENED BY NON-NATIVE VEGETATION. SITE PRESERVED AS OPEN SPACE.

General: 2 PLANTS OBSERVED IN 2005 (ONE AT EACH POLYGON).

Owner/Manager: PUENTE HILLS LANDFILL NHPA

Calochortus plummerae

Plummer's mariposa-lily

Element Code: PMLI0D150

Status	NDDB Element Ranks	Other Lists
Federal: None State: None	Global: G3 State: S3	CNPS List: 1B.2

Habitat Associations

General: COASTAL SCRUB, CHAPARRAL, VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND, LOWER MONTANE CONIFEROUS FOREST.
Micro: OCCURS ON ROCKY AND SANDY SITES, USUALLY OF GRANITIC OR ALLUVIAL MATERIAL. CAN BE VERY COMMON AFTER FIRE. 90-1610M.

Occurrence No. 161	Map Index: 77420	EO Index: 78329	Dates Last Seen
Occ Rank: Good			Element: 2005-06-02
Origin: Natural/Native occurrence			Site: 2005-06-02
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2009-11-25

Quad Summary: Baldwin Park (3411718/109C), Whittier (3311881/089A), El Monte (3411811/110D)
County Summary: Los Angeles

Lat/Long: 34.00233° / -118.00559°	Township: 02S
UTM: Zone-11 N3762870 E407135	Range: 11W
Area: 12.0 acres	Section: 14 Qtr: N
Elevation: 1,000 ft	Meridian: S
Mapping Precision: SPECIFIC	
Symbol Type: POLYGON	

Location: FROM WORKMAN HILL TO 1.4 AIR MILES NORTH OF THE HILL, PUENTE HILLS, BETWEEN WHITTIER AND HACIENDA HEIGHTS.
Location Detail: MAPPED AS 13 POLYGONS, BASED ON 20 SETS OF 2005 GPS COORDINATES PROVIDED BY AHMER, MELONI, AND HARRISON, SOME OF THESE IN CLOSE PROXIMITY TO ONE ANOTHER. WITHIN BOTH TURNBULL CANYON OPEN SPACE AND HACIENDA HILLS OPEN SPACE.
Ecological: COASTAL SAGE SCRUB, GRASSLAND, AND CHAPARRAL WITH THIN, ROCKY SOILS.
Threat: NON-NATIVE GRASSES PRESENT. MANY PLANTS FOUND ADJACENT TO HIKING AND BIKING TRAILS. IN SECTIONS 11 AND 14.
General: NUMBER OF PLANTS OBSERVED IN 2005 IN POLYGONS GOING FROM NORTH TO SOUTH: 8, 1, 55, 1, 5, 25-30, 12, 48, 25, 6, 7, 10, AND 10.
Owner/Manager: PUENTE HILLS LANDFILL NHPA

Calochortus weedii var. intermedius

intermediate mariposa-lily

Element Code: PMLI0D1J1

Status	NDDB Element Ranks	Other Lists
Federal: None	Global: G3G4T2	CNPS List: 1B.2
State: None	State: S2.2	

Habitat Associations

General: COASTAL SCRUB, CHAPARRAL, VALLEY AND FOOTHILL GRASSLAND.
Micro: DRY, ROCKY OPEN SLOPES AND ROCK OUTCROPS. 120-850M.

Occurrence No. 83	Map Index: 76937	EO Index: 77866	Dates Last Seen
Occ Rank: Fair			Element: 2009-05-29
Origin: Natural/Native occurrence			Site: 2009-05-29
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2009-10-30

Quad Summary: La Habra (3311788/088B)
County Summary: Los Angeles

Lat/Long: 33.97164° / -117.95846°	Township: 02S
UTM: Zone-11 N3759425 E411457	Range: 10W
Radius: 80 meters	Section: 29
Elevation: 1,100 ft	Meridian: S
Mapping Precision: SPECIFIC	Qtr: NW
Symbol Type: POINT	

Location: SKYLINE DR, E OF HACIENDA BLVD, PUENTE HILLS.
Location Detail: SCE CORRIDOR AT PROPOSED TOWER 42. MAPPED BY CNDDDB BASED ON COORDINATE INFO FROM A 2009 PUENTE HILLS FIELD SURVEY FORM.
Ecological: ON EXPOSED GRAVELLY SOIL IN DEGRADED COASTAL SAGE SCRUB; IN STEEP, ROCKY ROAD CUT. ASSOCIATES INCLUDE SALVIA APIANA, ERIOGONUM FASCICULATUM, ARTMESIA CALIFORNICA, CENTAUREA MELITENSIS AND LOTUS SCOPARIUS.
Threat: POSSIBLE RESIDENTIAL DEVELOPMENT.
General: POPULATION MENTIONED AS "SCARCE" IN 2008. 2 INDIVIDUALS SEEN IN 2009. THESE INDIVIDUALS MAY BE HYBRIDS WITH CALOCHORTUS PLUMMERAE.

Owner/Manager: PVT

Occurrence No. 84	Map Index: 76933	EO Index: 77867	Dates Last Seen
Occ Rank: Fair			Element: 2008-06-04
Origin: Natural/Native occurrence			Site: 2008-06-04
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2009-10-14

Quad Summary: Whittier (3311881/089A)
County Summary: Los Angeles

Lat/Long: 33.99711° / -118.00548°	Township: 02S
UTM: Zone-11 N3762291 E407140	Range: 11W
Radius: 80 meters	Section: 14
Elevation: 1,140 ft	Meridian: S
Mapping Precision: SPECIFIC	Qtr: SW
Symbol Type: POINT	

Location: NW OF TURNBULL CYN RD, PUENTE HILLS.
Location Detail: SCE POWERLINE CORRIDOR AT TOWER 27 AND ADJACENT ACCESS ROAD. MOST INDIVIDUALS ON EXPOSED ROAD CUT. MAPPED BY CNDDDB ACCORDING TO COORDINATE INFO FROM A 2008 WHITE FIELD SURVEY FORM.
Ecological: IN COASTAL SAGE SCRUB ON ROADSIDES AND ROADCUT AROUND POWERLINE TOWER.
Threat: PROPOSED SCE TOWER, WEEDS, REGRADING OF ROAD.
General: 45 INDIVIDUALS SEEN BY WHITE IN 2008.
Owner/Manager: TURNBULL CANYON OPEN SPACE

Calochortus weedii var. intermedius

intermediate mariposa-lily

Element Code: PMLI0D1J1

Status	NDDB Element Ranks	Other Lists
Federal: None State: None	Global: G3G4T2 State: S2.2	CNPS List: 1B.2

Habitat Associations

General: COASTAL SCRUB, CHAPARRAL, VALLEY AND FOOTHILL GRASSLAND.
Micro: DRY, ROCKY OPEN SLOPES AND ROCK OUTCROPS. 120-850M.

Occurrence No. 86	Map Index: 76934	EO Index: 77869	Dates Last Seen
Occ Rank: Fair			Element: 2008-06-04
Origin: Natural/Native occurrence			Site: 2008-06-04
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2009-10-14

Quad Summary: El Monte (3411811/110D)
County Summary: Los Angeles

Lat/Long: 34.00552° / -118.00927°	Township: 02S
UTM: Zone-11 N3763227 E406799	Range: 11W
Radius: 80 meters	Section: 11 Qtr: SW
Elevation: 1,100 ft	Meridian: S

Location: SE OF ROSE HILLS MEMORIAL PARK, PUENTE HILLS.
Location Detail: ADJACENT TO AGRICULTURAL LAND. SCE CORRIDOR, SITE OF PROPOSED TOWER 25. MAPPED BY CNDDDB BASED ON COORDINATE INFO FROM A 2008 WHITE FIELD SURVEY FORM.
Ecological: ON STEEP, S-FACING, COBBLEY ROCK FACE IN WEEDY, OAK/WALNUT WOODLAND AND COASTAL SAGE SCRUB.
Threat: POSSIBLE SCE POWERLINE TOWER.
General: 4 INDIVIDUALS SEEN BY WHITE IN 2008.
Owner/Manager: UNKNOWN

Coccyzus americanus occidentalis

western yellow-billed cuckoo

Element Code: ABNRB02022

Status	NDDB Element Ranks	Other Lists
Federal: Candidate	Global: G5T3Q	CDFG Status:
State: Endangered	State: S1	

Habitat Associations

General: RIPARIAN FOREST NESTER, ALONG THE BROAD, LOWER FLOOD-BOTTOMS OF LARGER RIVER SYSTEMS.

Micro: NESTS IN RIPARIAN JUNGLES OF WILLOW, OFTEN MIXED WITH COTTONWOODS, W/ LOWER STORY OF BLACKBERRY, NETTLES, OR WILD GRAPE.

Occurrence No.: 73	Map Index: 25594	EO Index: 5430	Dates Last Seen
Occ Rank: Unknown			Element: 1951-05-XX
Origin: Natural/Native occurrence			Site: 1951-05-XX
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 1994-06-09

Quad Summary: El Monte (3411811/110D), Baldwin Park (3411718/109C)

County Summary: Los Angeles

Lat/Long: 34.06470° / -118.00450°	Township: 01S
UTM: Zone-11 N3769785 E407305	Range: 11W
Area:	Section: XX Qtr: XX
Elevation: 275 ft	Meridian: S
	Mapping Precision: NON-SPECIFIC
	Symbol Type: POLYGON

Location: SAN GABRIEL RIVER, NEAR EL MONTE.

Location Detail: SAN GABRIEL RIVER, FROM LOWER AZUSA ROAD TO SAN JOSE CREEK DIVERSION CHANNEL.

Threat: HABITAT MAY HAVE BEEN DESTROYED BY CHANNELIZATION AND DEVELOPMENT.

General: UNKNOWN NUMBER OF INDIVIDUALS DETECTED 10/12/1897, 5/5/07, 5/16/11, 7/20/29, JUNE-OCT 1949, & MAY 1951 (DATA REPORTED IN AUDUBON FIELD NOTES); 3 SPECIMENS COLLECTED BY UCLA ON UNKNOWN DATE; REPORTED AS "FAIRLY COMMON?" & "NESTING".

Owner/Manager: UNKNOWN

Dudleya multicaulis

many-stemmed dudleya

Element Code: PDCRA040H0

_____ Status _____	_____ NDDB Element Ranks _____	_____ Other Lists _____
Federal: None	Global: G2	CNPS List: 1B.2
State: None	State: S2	

_____ **Habitat Associations** _____

General: CHAPARRAL, COASTAL SCRUB, VALLEY AND FOOTHILL GRASSLAND.

Micro: IN HEAVY, OFTEN CLAYEY SOILS OR GRASSY SLOPES. 0-790M.

Occurrence No.: 15	Map Index: 48010	EO Index: 48010	_____ Dates Last Seen _____
Occ Rank: None			Element: 1927-06-01
Origin: Natural/Native occurrence			Site: 199X-XX-XX
Presence: Possibly Extirpated			
Trend: Unknown			Record Last Updated: 2002-05-28

Quad Summary: Anaheim (3311778/088C), Orange (3311777/088D), La Habra (3311788/088B), Yorba Linda (3311787/088A), Baldwin Park (3411718/109C), San Dimas (3411717/109D)

County Summary: Orange, Los Angeles

Lat/Long: 33.93148° / -117.88314°	Township: 03S
UTM: Zone-11 N3754909 E418377	Range: 10W
Radius: 5 mile	Section: 01
Elevation: 500 ft	Meridian: S
Mapping Precision: NON-SPECIFIC	Qtr: XX
Symbol Type: POINT	

Location: SOUTHERN PUENTE HILLS, SANTA ANA CANYON, ORANGE COUNTY.

Location Detail: EXACT LOCATION UNKNOWN, MAPPED IN SOUTHERN PORTION OF PUENTE HILLS IN ORANGE CANYON NEAR BREA CANYON BY CNDDB.

Ecological: SANDY SOIL.

General: ROBERTS (1987) FEELS THAT THIS OCC IS PROBABLY EXTIRPATED.

Owner/Manager: PVT

Emys marmorata

western pond turtle

Element Code: ARAAD02030

Status	NDDB Element Ranks	Other Lists
Federal: None	Global: G3G4	CDFG Status: SC
State: None	State: S3	

Habitat Associations

General: A THOROUGHLY AQUATIC TURTLE OF PONDS, MARSHES, RIVERS, STREAMS & IRRIGATION DITCHES, USUALLY WITH AQUATIC VEGETATION, BE
Micro: NEED BASKING SITES AND SUITABLE (SANDY BANKS OR GRASSY OPEN FIELDS) UPLAND HABITAT UP TO 0.5 KM FROM WATER FOR EGG-LAYIN

Occurrence No. 922	Map Index: 02375	EO Index: 28183	Dates Last Seen
Occ Rank: None			Element: 1977-10-XX
Origin: Natural/Native occurrence			Site: 1987-XX-XX
Presence: Possibly Extirpated			
Trend: Unknown			Record Last Updated: 1991-06-12

Quad Summary: El Monte (3411811/110D)

County Summary: Los Angeles

Lat/Long: 34.05139° / -118.01006°	Township: 01S
UTM: Zone-11 N3768314 E406777	Range: 11W
Radius: 1/5 mile	Section: XX Qtr: XX
Elevation:	Meridian: S
Mapping Precision: NON-SPECIFIC	
Symbol Type: POINT	

Location: SAN GABRIEL RIVER NEAR MTN VIEW HIGH SCHOOL.

General: NO OTHER INFO GIVEN. BRATTSTROM (1990) CONSIDERS THIS POP TO BE EXTIRPATED.

Owner/Manager: UNKNOWN

Phacelia stellaris

Brand's star phacelia

Element Code: PDHYD0C510

Status	NDDB Element Ranks	Other Lists
Federal: Candidate State: None	Global: G2? State: S1	CNPS List: 1B.1

Habitat Associations

General: COASTAL SCRUB, COASTAL DUNES.
 Micro: OPEN AREAS. 5-1515M.

Occurrence No. 1	Map Index: 26517	EO Index: 1567	Dates Last Seen
Occ Rank: Unknown			Element: 1935-03-18
Origin: Natural/Native occurrence			Site: 1935-03-18
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 1996-02-08

Quad Summary: Baldwin Park (3411718/109C), El Monte (3411811/110D)
County Summary: Los Angeles

Lat/Long: 34.07029° / -118.00219°	Township: 01S
UTM: Zone-11 N3770402 E407524	Range: 11W
Radius: 1 mile	Section: XX Qtr: XX
Elevation: 300 ft	Meridian: S
Mapping Precision: NON-SPECIFIC	
Symbol Type: POINT	

Location: SAN GABRIEL RIVER, 2 MILES EAST OF EL MONTE.

Ecological: ALLUVIAL SAND.

General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1935 COLLECTION BY KECK. ORIGINAL LABEL P. DOUGLASII VAR. CRYPTANTHA; NOT FURTHER ANNOTATED.

Owner/Manager: UNKNOWN

Phrynosoma blainvillii

coast horned lizard

Element Code: ARACF12100

Status	NDDB Element Ranks	Other Lists
Federal: None State: None	Global: G4G5 State: S3S4	CDFG Status: SC

Habitat Associations

General: FREQUENTS A WIDE VARIETY OF HABITATS, MOST COMMON IN LOWLANDS ALONG SANDY WASHES WITH SCATTERED LOW BUSHES.

Micro: OPEN AREAS FOR SUNNING, BUSHES FOR COVER, PATCHES OF LOOSE SOIL FOR BURIAL, & ABUNDANT SUPPLY OF ANTS & OTHER INSECTS.

Occurrence No. 131	Map Index: 02327	EO Index: 28079	Dates Last Seen
Occ Rank: Unknown			Element: 1960-04-15
Origin: Natural/Native occurrence			Site: 1960-04-15
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 1999-06-10

Quad Summary: El Monte (3411811/110D)

County Summary: Los Angeles

Lat/Long: 34.00165° / -118.03837°	Township: 02S
UTM: Zone-11 N3762825 E404108	Range: 11W
Area:	Section: 16 Qtr: XX
Elevation: 500 ft	Meridian: S

Mapping Precision:NON-SPECIFIC
Symbol Type:POLYGON

Location: SYCAMORE CANYON, WHITTIER.

General: CPSU SPECIMEN #3420-22.

Owner/Manager: UNKNOWN

Occurrence No. 237	Map Index: 02442	EO Index: 27994	Dates Last Seen
Occ Rank: None			Element: XXXX-XX-XX
Origin: Natural/Native occurrence			Site: XXXX-XX-XX
Presence: Possibly Extirpated			
Trend: Unknown			Record Last Updated: 1989-08-10

Quad Summary: Baldwin Park (3411718/109C)

County Summary: Los Angeles

Lat/Long: 34.03802° / -117.95262°	Township: 02S
UTM: Zone-11 N3766781 E412065	Range: 10W
Radius: 1 mile	Section: XX Qtr: XX
Elevation: 320 ft	Meridian: S

Mapping Precision:NON-SPECIFIC
Symbol Type:POINT

Location: W SIDE HACIENDA BLVD BETWEEN AMAR RD AND GLENDORA AVE, LA PUENTE.

General: SPECIMENS HOUSED AT WHITTIER NATURE CENTER. DATE UNKNOWN.

Owner/Manager: UNKNOWN

Polioptila californica californica

coastal California gnatcatcher

Element Code: ABPB08081

Status	NDDB Element Ranks	Other Lists
Federal: Threatened	Global: G3T2	CDFG Status: SC
State: None	State: S2	

Habitat Associations

General: OBLIGATE, PERMANENT RESIDENT OF COASTAL SAGE SCRUB BELOW 2500 FT IN SOUTHERN CALIFORNIA.
Micro: LOW, COASTAL SAGE SCRUB IN ARID WASHES, ON MESAS & SLOPES. NOT ALL AREAS CLASSIFIED AS COASTAL SAGE SCRUB ARE OCCUPIED.

Occurrence No. 810	Map Index: 53121	EO Index: 53121	Dates Last Seen
Occ Rank: Poor			Element: 2002-08-24
Origin: Natural/Native occurrence			Site: 2002-08-24
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2010-08-03

Quad Summary: Baldwin Park (3411718/109C)
County Summary: Los Angeles

Lat/Long: 34.04052° / -117.91154°	Township: 01S
UTM: Zone-11 N3767023 E415859	Range: 10W
Area:	Section: 34 Qtr: SE
Elevation: 600 ft	Meridian: S

Location: BKK LANDFILL, APPROXIMATELY 0.3 TO 0.9 MILE NORTH OF AMAR ROAD AND EAST ALONG AZUSA ROAD, WEST COVINA
Location Detail: NW CORNER OF BKK LANDFILL, RUNNING S ALONG W EDGE. MALE & PAIR OBSERVED IN 2002 AT N END OF FEATURE. FEMALE OBSERVED AT S END OF FEATURE. SLIGHTLY MODIFIED FEATURE BASED ON 2001 OBS AT N END OF FEATURE FROM FWS DIGITAL DATA.
Ecological: CSS (SALVIA LEUCOPHYLLA, ARTEMISIA CALIFORNICA, ERIOGONUM FASCICULATUM) W/AREAS OF NON-NATIVE GRASSLAND, CHAPARRAL, OAKS, & RIPARIAN VEG. SOUTH-FACING SLOPES DOMINATED BY OPUNTIA LITTORALIS. 2009 AERIAL PHOTOS SHOW MOST OF SITE DEVELOPED.
Threat: DEVELOPMENT.
General: 2001: 3 DETECTED 19 OCT & 2 DETECTED 23 NOV BY A. HENDERSON & T. BOMKAMP (GLENN LUKOS ASSOC.). 2002: 1 M OBS 15 JUN & 1 PR OBS 10 AUG SAME AREA. 2 HEARD/OBS 24 AUG SAME AREA AS PREVIOUS OBS. FEMALE (DISPERSING JUVENILE?) OBS 24 AUG.
Owner/Manager: UNKNOWN

Occurrence No. 818	Map Index: 53440	EO Index: 53440	Dates Last Seen
Occ Rank: Unknown			Element: 2002-04-01
Origin: Natural/Native occurrence			Site: 2002-04-01
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2003-11-26

Quad Summary: Baldwin Park (3411718/109C)
County Summary: Los Angeles

Lat/Long: 34.03559° / -117.88713°	Township: 01S
UTM: Zone-11 N3766457 E418107	Range: 10W
Area: 9.8 acres	Section: 36 Qtr: SW
Elevation: 1,000 ft	Meridian: S

Location: 2.3 MILES WEST OF THE INTERSECTION OF GRAND AVE & TEMPLE AVE, SOUTH OF WINNETT MOTORWAY; SAN JOSE HILLS, NORTH OF WALNUT
Ecological: HABITAT CONSISTS OF CALIFORNIA SAGE BRUSH.
Threat: THREATENED BY POSSIBLE DEVELOPMENT (WALNUT HILLS PROJECT SITE).
General: 1 PAIR OBSERVED DURING SURVEYS CONDUCTED BETWEEN 21 FEB AND 1 APR 2002.
Owner/Manager: UNKNOWN

Polioptila californica californica

coastal California gnatcatcher

Element Code: ABPB08081

Status	NDDB Element Ranks	Other Lists
Federal: Threatened	Global: G3T2	CDFG Status: SC
State: None	State: S2	

Habitat Associations

General: OBLIGATE, PERMANENT RESIDENT OF COASTAL SAGE SCRUB BELOW 2500 FT IN SOUTHERN CALIFORNIA.
Micro: LOW, COASTAL SAGE SCRUB IN ARID WASHES, ON MESAS & SLOPES. NOT ALL AREAS CLASSIFIED AS COASTAL SAGE SCRUB ARE OCCUPIED.

Occurrence No. 819	Map Index: 53441	EO Index: 53441	Dates Last Seen
Occ Rank: None			Element: 2002-04-01
Origin: Natural/Native occurrence			Site: 2002-04-01
Presence: Possibly Extirpated			
Trend: Unknown			Record Last Updated: 2008-06-12

Quad Summary: San Dimas (3411717/109D), Baldwin Park (3411718/109C)
County Summary: Los Angeles

Lat/Long: 34.03657° / -117.87488°	Township: 01S
UTM: Zone-11 N3766556 E419239	Range: 10W
Area:	Section: 36 Qtr: SE
Elevation: 900 ft	Meridian: S

Location: 1.6 MILES WEST OF GRAND AVE & TEMPLE AVE, SOUTH OF WINNETT MOTORWAY; SAN JOSE HILLS, NORTH OF WALNUT.
Ecological: HABITAT CONSISTS OF CALIFORNIA SAGE BRUSH, CALIFORNIA BUCKWHEAT AND BLACK SAGE. AERIAL PHOTOS FROM 2002 SHOW AVAILABLE HABITAT. AERIAL PHOTOS FROM 2007 SHOW THE ENTIRE SITE GRADED & TERRACED FOR DEVELOPMENT.
Threat: THREATENED BY DEVELOPMENT (WALNUT HILLS PROJECT SITE).
General: 2 DETECTED ON 16 JUN 1998, AND 6 DETECTED ON 25 JUN 1998 BY M. COUFFER (BONTERRA CONSULTING). 4 PAIRS OBSERVED DURING SURVEYS CONDUCTED BETWEEN 21 FEB AND 1 APR 2002.

Owner/Manager: UNKNOWN

Occurrence No. 855	Map Index: 70364	EO Index: 71254	Dates Last Seen
Occ Rank: Good			Element: 2007-08-14
Origin: Natural/Native occurrence			Site: 2007-08-14
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2008-06-12

Quad Summary: La Habra (3311788/088B)
County Summary: Los Angeles

Lat/Long: 33.98602° / -117.92991°	Township: 02S
UTM: Zone-11 N3760995 E414108	Range: 10W
Area: 14.0 acres	Section: 21 Qtr: NE
Elevation: 605 ft	Meridian: S

Location: SCHABARUM PARK, 0.4 MILE ESE OF THE INTERSECTION OF COLIMA ROAD AND SOUTH AZUSA AVENUE, ROWLAND HEIGHTS.
Location Detail: THERE ARE KNOWN POPULATIONS TO THE SE (AERA PROPERTY) & SW (PHLNHA RESTORATION AREAS E OF COLIMA DR). CACTUS WREN OCCURRED HERE, W/ SEVERAL PAIRS IN 98. 2002 OBS FROM FWS 80M DIGITAL POLYGON; SITE NAME E. SAN GABRIEL VALLEY LIBRARY PROJECT.
Ecological: HABITAT CONSISTS OF AN EAST-FACING SLOPE DISSECTED BY SHORT, DRY DRAINAGES. SLOPE COVERED WITH LUSH COASTAL SAGE SCRUB, DOMINATED BY ARTEMISIA CALIFORNICA, WITH SCATTERED PATCHES OF OPUNTIA LITTORALIS AND EMERGENT SAMBUCUS MEXICANA.
Threat: THREATENED BY ADJACENT PROPOSED DEVELOPMENT IN THE HILLS TO THE SW.
General: 2 DETECTED ON 25 SEP 2002 BY D. WILLYCK (P&D ENVIRONMENTAL). 2 BIRDS DETECTED ON 14 AUG 2007, WHEN THEIR MEWING CALL WAS HEARD & WERE SEEN AT CLOSE RANGE; BOTH BIRDS WERE IN FEMALE-TYPE PLUMAGE, POSSIBLY JUV'S.

Owner/Manager: LAX COUNTY

Polioptila californica californica

coastal California gnatcatcher

Element Code: ABPB08081

Status _____ **NDDB Element Ranks** _____ **Other Lists** _____
 Federal: Threatened **Global:** G3T2 **CDFG Status:** SC
 State: None **State:** S2

Habitat Associations

General: OBLIGATE, PERMANENT RESIDENT OF COASTAL SAGE SCRUB BELOW 2500 FT IN SOUTHERN CALIFORNIA.
Micro: LOW, COASTAL SAGE SCRUB IN ARID WASHES, ON MESAS & SLOPES. NOT ALL AREAS CLASSIFIED AS COASTAL SAGE SCRUB ARE OCCUPIED.

Occurrence No. 871 **Map Index:** 71269 **EO Index:** 72176 **Dates Last Seen** _____
Occ Rank: Unknown **Element:** 1993-XX-XX
Origin: Natural/Native occurrence **Site:** 1993-XX-XX
Presence: Presumed Extant
Trend: Unknown **Record Last Updated:** 2008-06-12

Quad Summary: Baldwin Park (3411718/109C)
County Summary: Los Angeles

Lat/Long: 34.02116° / -117.92984° **Township:** 02S
UTM: Zone-11 N3764892 E414150 **Range:** 10W
Area: **Mapping Precision:**NON-SPECIFIC **Section:** 04 **Qtr:** S
Elevation: 550 ft **Symbol Type:**POLYGON **Meridian:** S

Location: DWIGHT D EISENHOWER GOLF COURSE & INDUSTRY HILLS REC. CENTER, SW OF TEMPLE AVE AND HWY 39 (AZUSA AVE), LA PUENTE.
Location Detail: EXACT LOCATION UNKNOWN. DIGITAL DATA SOURCE IS A 2K DIAMETER POLYGON CENTERED ON GOLF COURSE & OVER LAPPING DEVELOPMENT. MAPPED TO POSSIBLE HABITAT FROM AERIAL PHOTOS.

Threat: HUMAN RECREATION USE.
General: AT LEAST 1 INDIVIDUAL DETECTED BY M. SAN MIGUEL IN 1993.
Owner/Manager: UNKNOWN

Occurrence No. 884 **Map Index:** 71292 **EO Index:** 72193 **Dates Last Seen** _____
Occ Rank: Unknown **Element:** 2005-08-31
Origin: Natural/Native occurrence **Site:** 2005-08-31
Presence: Presumed Extant
Trend: Unknown **Record Last Updated:** 2008-08-22

Quad Summary: Whittier (3311881/089A)
County Summary: Los Angeles

Lat/Long: 33.98414° / -118.01303° **Township:** 02S
UTM: Zone-11 N3760860 E406429 **Range:** 11W
Radius: 80 meters **Mapping Precision:**SPECIFIC **Section:** 22 **Qtr:** XX
Elevation: 875 ft **Symbol Type:**POINT **Meridian:** S

Location: NORTH EDGE OF WORSHAM LANDFILL, 0.3 MI EAST OF CANYON DR. & SOUTH OF WORSHAM CREEK, WHITTIER.
Location Detail: MAPPED TO FWS 80M DIGITAL POLYGON. SITE NAME: PUENTE HILLS LANDFILL NATIVE HABITAT PRESERVATION AUTHORITY.

General: 1 DETECTED ON 31 AUG 2005 BY M. ILIFF ET. A. (LSA ASSOCIATES INC).
Owner/Manager: CITY OF WHITTIER

Occurrence No. 885 **Map Index:** 71293 **EO Index:** 72195 **Dates Last Seen** _____
Occ Rank: Unknown **Element:** 2005-07-28
Origin: Natural/Native occurrence **Site:** 2005-07-28
Presence: Presumed Extant
Trend: Unknown **Record Last Updated:** 2008-06-12

Quad Summary: La Habra (3311788/088B)
County Summary: Los Angeles

Lat/Long: 33.98416° / -117.99775° **Township:** 02S
UTM: Zone-11 N3760848 E407840 **Range:** 11W
Radius: 80 meters **Mapping Precision:**SPECIFIC **Section:** 23 **Qtr:** NE
Elevation: 1,100 ft **Symbol Type:**POINT **Meridian:** S

Location: ALONG SKYLINE FIRE RD 2, N OF LA CANADA VERDE CREEK, 0.25 MI W OF CANAL POINT & BELLE RIVER, WHITTIER (HACIENDA HTS).
Location Detail: SOUTHEAST CORNER OF ROSE HILLS. MAPPED TO FWS 80M DIGITAL POLYGON. SITE NAME: PUENTE HILLS LANDFILL NATIVE HABITAT PRESERVATION AUTHORITY.

General: 1 DETECTED ON 28 JUL 2005 BY M. ILIFF ET. AL. (LSA ASSOCIATES INC). WITHIN TURNBULL CANYON OPEN SPACE (SPECIAL DISTRICT).
Owner/Manager: PVT

Polioptila californica californica

coastal California gnatcatcher

Element Code: ABPB08081

Status	NDDB Element Ranks	Other Lists
Federal: Threatened	Global: G3T2	CDFG Status: SC
State: None	State: S2	

Habitat Associations

General: OBLIGATE, PERMANENT RESIDENT OF COASTAL SAGE SCRUB BELOW 2500 FT IN SOUTHERN CALIFORNIA.
Micro: LOW, COASTAL SAGE SCRUB IN ARID WASHES, ON MESAS & SLOPES. NOT ALL AREAS CLASSIFIED AS COASTAL SAGE SCRUB ARE OCCUPIED.

Occurrence No. 886	Map Index: 71294	EO Index: 72196	Dates Last Seen
Occ Rank: Unknown			Element: 2005-04-14
Origin: Natural/Native occurrence			Site: 2005-04-14
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2008-06-12

Quad Summary: La Habra (3311788/088B)
County Summary: Los Angeles

Lat/Long: 33.97110° / -117.98197°	Township: 02S
UTM: Zone-11 N3759386 E409284	Range: 11W
Area:	Section: 25
Elevation: 820 ft	Qtr: NE
Mapping Precision: NON-SPECIFIC	Meridian: S
Symbol Type: POLYGON	

Location: ALONG LAS PALOMAS DR AND EAST OF COLOMA RD, NORTH OF ARROYO SAN MIGUEL, PUENTE HILLS, WHITTIER.
Location Detail: MAPPED IN RELATION TO FWS DIGITAL POLYGONS: SIX 80M RADIUS, THREE 500M DIAM., & ONE 2K DIAM. SITE NAMES: FORMER UNOCAL PROPERTY, AND PUENTE HILLS LANDFILL NATIVE HABITAT PRESERVATION AUTHORITY.
General: UNK # DETECTED 24 SEP 1999 BY L. SCHMALL. 2 GROUPS OF 1 & 2 GROUPS OF 2 DETECTED 9 JUN 02 BY S. REED ET AL (TERACOR). 1 GROUP OF 1, 2 GROUPS OF 2, & 1 GROUP OF 3 DETECTED 15 FEB 2005, & 2 DETECTED 14 APR 2005 BY M. ILIFF ET AL (LSA ASSOC).
Owner/Manager: CITY OF WHITTIER

Occurrence No. 887	Map Index: 71300	EO Index: 72203	Dates Last Seen
Occ Rank: Unknown			Element: 2005-08-02
Origin: Natural/Native occurrence			Site: 2005-08-02
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2008-06-12

Quad Summary: La Habra (3311788/088B)
County Summary: Los Angeles

Lat/Long: 33.95532° / -117.92508°	Township: 02S
UTM: Zone-11 N3757587 E414524	Range: 10W
Radius: 80 meters	Section: 34
Elevation: 840 ft	Qtr: NW
Mapping Precision: SPECIFIC	Meridian: S
Symbol Type: POINT	

Location: 0.1 MILES NORTH OF FULLERTON RD AND HARBOR BLVD, PUENTE HILLS, LA HABRA.
Location Detail: MAPPED ACCORDING TO FWS DIGITAL 80M POLYGON. SITE NAME: PUENTE HILLS LANDFILL NATIVE HABITAT PRESERVATION AUTHORITY (POWDER CANYON OPEN SPACE).
General: 1 DETECTED ON 2 AUG 2005 BY M. ILIFF ET. AL. (LSA ASSOCIATES INC).
Owner/Manager: PUENTE HILLS LANDFILL NHPA

Occurrence No. 888	Map Index: 71302	EO Index: 72205	Dates Last Seen
Occ Rank: Unknown			Element: 2004-06-22
Origin: Natural/Native occurrence			Site: 2004-06-22
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2008-06-12

Quad Summary: La Habra (3311788/088B)
County Summary: Los Angeles

Lat/Long: 33.95545° / -117.91765°	Township: 02S
UTM: Zone-11 N3757596 E415210	Range: 10W
Radius: 80 meters	Section: 34
Elevation: 980 ft	Qtr: N
Mapping Precision: SPECIFIC	Meridian: S
Symbol Type: POINT	

Location: 0.2 MILES SOUTH OF DORSET CT. & WELLINGTON LN., EAST OF HARBOR BLVD., OIL FIELD SITE IN PUENTE HILLS, ROWLAND HEIGHTS.
Location Detail: MAPPED TO FWS 80M POLYGON. SITE NAME: AREA MASTER PLANNED COMMUNITY PROJECT SITE.
Threat: THREATENED BY OIL PRODUCTION AND DEVELOPMENT.
General: 2 (PAIR?) DETECTED ON 22 JUN 2004 BY K. SZABO ET. AL. (PCR SERVICES CORPORATION).
Owner/Manager: UNKNOWN

Polioptila californica californica

coastal California gnatcatcher

Element Code: ABPB08081

Status	NDDB Element Ranks	Other Lists
Federal: Threatened	Global: G3T2	CDFG Status: SC
State: None	State: S2	

Habitat Associations

General: OBLIGATE, PERMANENT RESIDENT OF COASTAL SAGE SCRUB BELOW 2500 FT IN SOUTHERN CALIFORNIA.
Micro: LOW, COASTAL SAGE SCRUB IN ARID WASHES, ON MESAS & SLOPES. NOT ALL AREAS CLASSIFIED AS COASTAL SAGE SCRUB ARE OCCUPIED.

Occurrence No. 889	Map Index: 71304	EO Index: 72206	Dates Last Seen
Occ Rank: Unknown			Element: 2004-06-22
Origin: Natural/Native occurrence			Site: 2004-06-22
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2008-06-12

Quad Summary: La Habra (3311788/088B)
County Summary: Los Angeles

Lat/Long: 33.95118° / -117.90904°	Township: 02S
UTM: Zone-11 N3757115 E416002	Range: 10W
Area:	Section: 34 Qtr: XX
Elevation: 1,000 ft	Meridian: S

Location: 0.3 MI S OF NORWICH PL & DARTMOUTH, 0.5 MI N OF NORTHWOOD AVE & OAKCREST AVE, PUENTE HILLS OIL FIELD, ROWLAND HEIGHTS.
Location Detail: MAPPED WITH RESPECT TO FWS POLYGONS: THREE 500M DIAM. & THREE 80M RADIUS. SITE NAMES: PUENTE/TONNER CANYON PROPERTY, AND AREA MASTER PLANNED COMMUNITY PROJECT SITE.
Threat: THREATENED BY OIL PRODUCTION AND DEVELOPMENT.
General: UKN IF DATES ARE START, END, OR ONLY DATES OF SURVEY PERIODS. 3 GROUPS OF 2 DETECTED IN MAR 1998 BY R. RAMIREZ & S. TENNANT (PCR SERVICES CORPORATION). 3 GROUPS OF 2 DETECTED 22 JUN 2004 BY SZABO ET. AL. (PCR SERVICES CORPORATION).
Owner/Manager: UNKNOWN

Occurrence No. 890	Map Index: 71306	EO Index: 72209	Dates Last Seen
Occ Rank: Unknown			Element: 1998-03-XX
Origin: Natural/Native occurrence			Site: 1998-03-XX
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 2008-06-12

Quad Summary: La Habra (3311788/088B)
County Summary: Los Angeles

Lat/Long: 33.95245° / -117.89603°	Township: 02S
UTM: Zone-11 N3757246 E417205	Range: 10W
Radius: 1/5 mile	Section: 35 Qtr: SE
Elevation: 1,090 ft	Meridian: S

Location: 0.25 MILES SOUTH OF VANTAGE POINTE DR, OIL FIELD IN PUENTE HILLS, ROWLAND HEIGHTS
Location Detail: MAPPED WITH RESPECT TO FWS DIGITAL 500M DIAMETER POLYGON. SITE NAME: PUENTE/TONNER CANYON PROPERTY.
General: 2 DETECTED IN MAR 1998 BY R. RAMIREZ AND S. TENNANT (PCR SERVICES CORPORATION).
Owner/Manager: UNKNOWN

Spea hammondii

western spadefoot

Element Code: AAABF02020

Status	NDDB Element Ranks	Other Lists
Federal: None	Global: G3	CDFG Status: SC
State: None	State: S3	

Habitat Associations

General: OCCURS PRIMARILY IN GRASSLAND HABITATS, BUT CAN BE FOUND IN VALLEY-FOOTHILL HARDWOOD WOODLANDS.
Micro: VERNAL POOLS ARE ESSENTIAL FOR BREEDING AND EGG-LAYING.

Occurrence No. 128	Map Index: 38309	EO Index: 33316	Dates Last Seen
Occ Rank: Good			Element: 1998-02-18
Origin: Natural/Native occurrence			Site: 1998-02-18
Presence: Presumed Extant			
Trend: Unknown			Record Last Updated: 1998-03-10

Quad Summary: La Habra (3311788/088B), Whittier (3311881/089A)

County Summary: Los Angeles

Lat/Long: 33.98396° / -118.00209°	Township: 02S
UTM: Zone-11 N3760829 E407439	Range: 11W
Radius: 1/5 mile	Section: 23
Elevation: 1,100 ft	Meridian: S
Mapping Precision: NON-SPECIFIC	Qtr: NE
Symbol Type: POINT	

Location: 0.5 MILE SOUTH OF WORKMAN HILL, IN THE PUENTE HILLS, NE OF WHITTIER.
Location Detail: BORDERING SKYLINE #2 MOTORWAY, WHICH PASSES THROUGH THE NORTHERN PART OF THE SITE.
Ecological: HABITAT CONSISTS OF SOME TEMPORARY PONDS WITHIN GRAZED NON-NATIVE GRASSLAND; SOME RUSSIAN THISTLE PRESENT.
Threat: THREATS INCLUDE HEAVY GRAZING IN THE PAST.
General: 2 ADULTS OBSERVED ON 18 FEB 1998.
Owner/Manager: CITY OF WHITTIER, PVT

Symphytotrichum defoliatum

San Bernardino aster

Element Code: PDASTE80C0

_____ Status _____	NDDB Element Ranks	_____ Other Lists _____
Federal: None	Global: G2	CNPS List: 1B.2
State: None	State: S2	

_____ Habitat Associations _____

General: MEADOWS AND SEEPS, MARSHES AND SWAMPS, COASTAL SCRUB, CISMONTANE WOODLAND, LOWER MONTANE CONIFEROUS FOREST, GRASSLAND.

Micro: VERNALLY MESIC GRASSLAND OR NEAR DITCHES, STREAMS AND SPRINGS; DISTURBED AREAS. 2-2040M.

Occurrence No. 80	Map Index: 78721	EO Index: 79632	_____ Dates Last Seen _____
Occ Rank: None			Element: 1930-11-11
Origin: Natural/Native occurrence			Site: 1930-11-11
Presence: Extirpated			
Trend: Unknown			Record Last Updated: 2010-04-28

Quad Summary: La Habra (3311788/088B), Baldwin Park (3411718/109C)

County Summary: Los Angeles

Lat/Long: 34.01424° / -117.95849°	Township: 02S
UTM: Zone-11 N3764149 E411498	Range: 10W
Radius: 1 mile	Section: 08
Elevation: 328 ft	Meridian: S
Mapping Precision: NON-SPECIFIC	Qtr: XX
Symbol Type: POINT	

Location: TEMPLETON, S OF PUENTE.

Location Detail: EXACT LOCATION UNKNOWN. UNABLE TO LOCATE "TEMPLETON"; MAPPED BY CNDDB AS BEST GUESS S OF LA PUENTE NEAR SAN JOSE CREEK AND APPROPRIATE ELEVATION.

Ecological: SMALL MARSH.

Threat: SITE PRESUMED EXTIRPATED; AREA HEAVILY DEVELOPED SINCE 1930.

General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1930 FOSBERG COLLECTION.

Owner/Manager: UNKNOWN

Taxidea taxus

American badger

Element Code: AMAJF04010

_____ Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: None Global: G5 CDFG Status: SC
 State: None State: S4

Habitat Associations

General: MOST ABUNDANT IN DRIER OPEN STAGES OF MOST SHRUB, FOREST, AND HERBACEOUS HABITATS, WITH FRIABLE SOILS.
 Micro: NEEDS SUFFICIENT FOOD, FRIABLE SOILS & OPEN, UNCULTIVATED GROUND. PREYS ON BURROWING RODENTS. DIGS BURROWS.

Occurrence No. 394 Map Index: 70309 EO Index: 71199 Dates Last Seen _____
 Occ Rank: Unknown Element: 2006-07-26
 Origin: Natural/Native occurrence Site: 2006-07-26
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 2007-10-22

Quad Summary: La Habra (3311788/088B)
 County Summary: Los Angeles

Lat/Long: 33.97014° / -117.99174° Township: 02S
 UTM: Zone-11 N3759288 E408380 Range: 11W
 Radius: 80 meters Mapping Precision: SPECIFIC Section: 25 Qtr: XX
 Elevation: 679 ft Symbol Type: POINT Meridian: S

Location: COLIMA ROAD WHERE THE ROAD PASSES THROUGH THE PUENTE HILLS.
 Ecological: COASTAL SAGE SCRUB, NON-NATIVE GRASSLANDS AND SUBURBAN HOUSING.
 General: INDIVIDUAL FOUND DEAD ON ROAD.
 Owner/Manager: UNKNOWN

Walnut Forest

Element Code: CTT81600CA

_____ Status _____ NDDB Element Ranks _____ Other Lists _____
 Federal: None Global: G1
 State: None State: S1.1

_____ Habitat Associations _____
 General:
 Micro:

Occurrence No. 4 Map Index: 02548 EO Index: 15045 _____ Dates Last Seen _____
 Occ Rank: Unknown Element: 1985-XX-XX
 Origin: Natural/Native occurrence Site: 1985-XX-XX
 Presence: Presumed Extant
 Trend: Unknown Record Last Updated: 1998-09-01

Quad Summary: San Dimas (3411717/109D), Baldwin Park (3411718/109C)
 County Summary: Los Angeles

Lat/Long: 34.04072° / -117.87036° Township: 01S
 UTM: Zone-11 N3767012 E419661 Range: 10W
 Area: 25.4 acres Mapping Precision: SPECIFIC Section: XX Qtr: XX
 Elevation: 1,000 ft Symbol Type: POLYGON Meridian: S

Location: SAN JOSE HILLS, BOTH SIDES WINNET MOTORWAY ABOUT 1.7 MILES WSW OF BUZZARD PEAK.
 Ecological: MAPPED BY WIESLANDER SURVEY AS OPEN WOODLAND OF JUGLANS CALIFORNICA. CANOPY APPEARED CLOSED 1985 FROM INTERPETATION OF AERIAL PHOTOS.
 General: NEEDS FIELD VERIFICATION OF VEGETATION CONDITION, COMPOSITION. SEE WWW.DFG.CA.GOV/BIOGEODATA/VEGCAMP/NATURAL_COMM_BACKGROUND.ASP TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.
 Owner/Manager: CITY OF WALNUT, UNKNOWN

ATTACHMENT 3

List of Property Owners within 1,000 feet

THERESA M ZALUSKE
700 STURBRIDGE DR
LA HABRA CA 90631

SOLEDAD ARANDA
16209 FOLGER ST
HACIENDA HEIGHTS CA 91745

LUCERO
16215 FOLGER ST
HACIENDA HEIGHTS CA 91745

HENGKY SISWANDI
743 BREA TER
SUNNYVALE CA 94085

JESSICA CERVANTES
16227 FOLGER ST
HACIENDA HEIGHTS CA 91745

CYNTHIA GUTIERREZ
16233 FOLGER ST
HACIENDA HEIGHTS CA 91745

ISAURO & JULIA GARRIDO
16239 FOLGER ST
HACIENDA HEIGHTS CA 91745

EARNEST & GLORIA CHAVIRA
PO BOX 5753
HACIENDA HEIGHTS CA 91745

ROBERT V & DEANNA J SPINKS JR.
16251 FOLGER ST
HACIENDA HEIGHTS CA 91745

PETER G VALLEJO
16257 FOLGER ST
HACIENDA HEIGHTS CA 91745

RAMON & BLANCA PERLA
16263 FOLGER ST
HACIENDA HEIGHTS CA 91745

DAVID ROMERO
16269 FOLGER ST
HACIENDA HEIGHTS CA 91745

JOHN K & CATHY D MAYFIELD
7644 PISMO AVE
HESPERIA CA 92345

JUAN M & MARIA C MENA
16281 FOLGER ST
HACIENDA HEIGHTS CA 91745

BRUCE A & JUDITH L HENSON
16303 FOLGER ST
HACIENDA HEIGHTS CA 91745

TERRY MCKENDRY
16309 FOLGER ST
HACIENDA HEIGHTS CA 91745

JOSE L CERVANTES
16315 FOLGER ST
HACIENDA HEIGHTS CA 91745

GON WIN MAUNG
16321 FOLGER ST
HACIENDA HEIGHTS CA 91745

DONALD V SHORKEY
16327 FOLGER ST
HACIENDA HEIGHTS CA 91745

SHOU Y TSAI
16333 FOLGER ST
HACIENDA HEIGHTS CA 91745

DALE D CUMMINGS
16339 FOLGER ST
LA PUENTE CA 91745

CARLOS J & LUZ M MOSQUEDA
16345 FOLGER ST
HACIENDA HEIGHTS CA 91745

JUAN & MARGARITA FIERRO
16351 FOLGER ST
HACIENDA HEIGHTS CA 91745

ANTHONY H WEST
PO BOX 5402
HACIENDA HEIGHTS CA 91745

UNITED CHRISTIAN CHURCH
1115 HINNEN AVE
HACIENDA HEIGHTS CA 91745

DAVID T & JOANNA K LEE
1716 LOS PADRES DR
ROWLAND HEIGHTS CA 91748

CHRISTOPHER PENA
1157 HINNEN AVE
LA PUENTE CA 91745

YAO GUO
1151 HINNEN AVE
HACIENDA HEIGHTS CA 91745

CHUNG M & LEE C CHEN
1145 HINNEN AVE
HACIENDA HEIGHTS CA 91745

JHON BRAN
1137 HINNEN AVE
HACIENDA HEIGHTS CA 91745

ATTACHMENT 4

Photo Log of Proposed Transmission Construction Areas

PHOTO LOG: WCEP PROPOSED NEW TRANSMISSION CONSTRUCTION AREAS



Photo 1: View from within the north transmission construction area looking to the east.



Photo 2: View from within the north transmission construction area looking to the west.

PHOTO LOG: WCEP PROPOSED NEW TRANSMISSION CONSTRUCTION AREAS



Photo 3: View from within the south transmission construction area looking to the south.



Photo 4: View from within the south transmission construction area looking to the west.