APPENDIX M BIOLOGICAL RESOURCES



APPENDIX M-1 BIOLOGICAL TECHNICAL REPORT



BIOLOGICAL TECHNICAL REPORT

FOR

CHADWICK RANCH ESTATES

LOCATED IN THE CITY OF BRADBURY, LOS ANGELES COUNTY, CALIFORNIA

Prepared For:

TRG Land 898 Production Place Newport Beach, California 92663 Contact: Mike Cho Phone: (949) 722-0634

Prepared By:

Glenn Lukos Associates, Inc. 1940 E. Deere Avenue, Suite 250 Santa Ana, California 92705 Contact: David Moskovitz Phone: (949) 340-2562

July 17, 2020

INFORMATION SUMMARY

A. Report Date: July 17, 2020

B. Report Title: Biological Technical Report for the Chadwick Ranch

Estates Project

C. Project Site

Location: City of Bradbury, Los Angeles County, Section 19 of

Township 1 North, Range 10 West of the USGS Azusa quadrangle map; UTM coordinates approximately corresponding to the study area are 411407 mE and

3779912 mN (Zone 11S)

D. Owner/Applicant: TRG Land

898 Production Place

Newport Beach, California 92663

Contact: Mike Cho Phone: (949) 722-0634

E. Principal

Investigator: Glenn Lukos Associates, Inc.

1940 E. Deere Avenue, Suite 250 Santa Ana, California 92705 Contact: David Moskovitz Phone: (949) 340-2562

F. Individuals Conducting Fieldwork:

GLA – David Moskovitz, Zack West, Jeff Ahrens; Dudek – Ryan Gilmore

TABLE OF CONTENTS

| | | Page # |
|------|-----------------------------------------|--------|
| INFO | DRMATION SUMMARY | ii |
| 1.0 | INTRODUCTION | 1 |
| | | |
| 1. | 6 · · · · · · · · · · · · · · · · · · · | |
| 1.2 | 2 Project Location | 2 |
| 1.3 | J 1 | |
| 1.4 | 4 Existing Conditions | 3 |
| 2.0 | METHODOLOGY | 4 |
| 2. | 1 Summary of Surveys | 5 |
| 2.2 | | |
| 2.3 | | |
| 2.4 | | |
| 2.5 | | |
| 3.0 | REGULATORY SETTING | 12 |
| | | |
| 3. | , , , , , , , , , , , , , , , , , , , | |
| 3.2 | | |
| 3.3 | 3 Jurisdictional Waters | 18 |
| 4.0 | RESULTS | 22 |
| 4. | 1 Existing Conditions | 22 |
| 4.2 | _ | |
| 4.3 | | |
| 4.4 | | |
| 4.5 | <u> -</u> | |
| 4.0 | 1 | |
| 4. | | |
| 4.8 | J | |
| 4.9 | - | |
| | 10 Jurisdictional Waters | |
| 5.0 | IMPACT ANALYSIS | 62 |
| 5. | 1 California Environmental Quality Act | 62 |
| 5.2 | | |
| 5.3 | <u>.</u> | |

| | | Page # |
|---------|----------------------------------------------------------------------|--------|
| 5.4 | Wetlands | 69 |
| 5.5 | Wildlife Movement and Native Wildlife Nursery Sites | |
| 5.6 | Local Policies or Ordinances | |
| 5.7 | Habitat Conservation Plans | |
| 5.8 | Jurisdictional Waters | |
| 5.9 | Indirect Impacts to Biological Resources | |
| 5.10 | | |
| 6.0 | MITIGATION/AVOIDANCE RECOMMENDATIONS | 78 |
| 6.1 | Crotch Bumblebee | 78 |
| 6.2 | Nesting Birds | |
| 6.3 | Bats | |
| 6.4 | Protected Trees. | |
| 6.5 | Jurisdictional Waters | 79 |
| 7.0 | REFERENCES | 80 |
| 8.0 | CERTIFICATION | 82 |
| | | |
| TABL | £S . | |
| | -1. Summary of Biological Surveys for the Project Site | |
| | -2. Summary of Coastal California Gnatcatcher Surveys | |
| | -1. CNPS Ranks 1, 2, 3, and 4 and Threat Code Extensions | |
| | -1. Summary of Vegetation/Land Use Types for the Specific Plan | |
| | -2. Summary of Vegetation/Land Use Types for the Offsite Improvement | |
| | -3. Summary of Vegetation/Land Use Types for the "Not a Part" Area | |
| | -4. Special-Status Plants Evaluated for the Study Area | |
| | -5. Special-Status Wildlife Evaluated for the Study Area | |
| | -6. Inventory of Trees for the Development Footprint | |
| | -7. Summary of Corps Jurisdiction for the Specific Plan | |
| | -8. Summary of Corps Jurisdiction for the Offsite Improvement Area | |
| | -9. Summary of Regional Board Jurisdiction for the Specific Plan | 60 |
| Table 4 | -10. Summary of Regional Board Jurisdiction for | |
| | the Offsite Improvement Area | |
| | -11. Summary of CDFW Jurisdiction for the Specific Plan | |
| | -12. Summary of CDFW Jurisdiction for the Offsite Improvement Area | |
| | -1. Summary of Vegetation/Land Use Impacts for the Specific Plan | 67 |
| Table 5 | -2. Summary of Vegetation/Land Use Impacts for | |
| m 11 = | the Offsite Improvement Area | |
| Table 5 | -3. City of Bradbury Protected Trees to be Removed by the Project | 71 |

| | Page # |
|-----------------------|-------------------------------------------------------------|
| Table 5-4. Impacts to | Corps Jurisdiction (Specific Plan) |
| | Corps Jurisdiction (Offsite Improvement Area)72 |
| - | Regional Board Jurisdiction (Specific Plan)73 |
| Table 5-7. Impacts to | Regional Board Jurisdiction (Offsite Improvement Area)73 |
| - | CDFW Jurisdiction (Specific Plan)74 |
| Table 5-9. Impacts to | CDFW Jurisdiction (Offsite Improvement Area)74 |
| EXHIBITS | |
| Exhibit 1 | Regional Map |
| Exhibit 2 | Vicinity Map |
| Exhibit 3A/3B | Site Plan |
| Exhibit 4 | Special-Status Species Location Map |
| Exhibit 5 | Soils Map |
| Exhibit 6 | Vegetation Map |
| Exhibit 7 | Corps/RWQCB Jurisdictional Delineation/Impact Map |
| Exhibit 8 | CDFW Jurisdictional Delineation/Impact Map |
| Exhibit 9 | Site Photographs |
| Exhibit 10 | Vegetation Impact Map |
| Exhibit 11 | USFWS Critical Habitat Map |
| APPENDICES | |
| Appendix A | Floral Compendium |
| Appendix B | Faunal Compendium |
| Appendix C | Chadwick Ranch Tree Preservation and Protection Plan |
| Appendix D | Submittal Report for Coastal California Gnatcatcher Surveys |
| Appendix E | Jurisdictional Delineation Report |
| | |

1.0 INTRODUCTION

1.1 Background and Scope of Work

This document provides the results of general biological surveys and focused biological surveys for the Chadwick Ranch Estates Specific Plan (the Project) located in the City of Bradbury, Los Angeles County, California. This report identifies and evaluates impacts to biological resources associated with the proposed Project in the context of the California Environmental Quality Act (CEQA), and State and Federal regulations such as the Endangered Species Act (ESA), Clean Water Act (CWA), and the California Fish and Game Code.

The scope of this report (i.e. the Study Area) covers the approximately 111.8-acre Specific Plan, including proposed development and open space, and additional offsite improvements for access to the development. The Study Area also includes an area that is not a part of the Project, but that is surrounded by the onsite development and offsite improvement area. This "not a part" area was included in the overall Study Area to address potential indirect impacts. Including the Specific Plan boundary (111.8 acres), offsite improvements (22.83 acres) and the "not a part" area (4.66 acres), the overall Study Area totals 139.29 acres.

This report describes all methods employed regarding the general biological surveys and focused biological surveys, the documentation of botanical and wildlife resources identified (including special-status species), and an analysis of impacts to biological resources. Methods of the study include a review of relevant literature, field surveys, and a Geographical Information System (GIS)-based analysis of vegetation communities. As appropriate, this report is consistent with accepted scientific and technical standards and survey guideline requirements issued by the U.S. Fish and Wildlife Service (USFWS), the California Department of Fish and Wildlife (CDFW), the California Native Plant Society (CNPS), and other applicable agencies/organizations.

The field study focused on a number of primary objectives that would comply with CEQA requirements, including (1) general reconnaissance survey and vegetation mapping; (2) general biological surveys; (3) habitat assessments and focused surveys for special-status plant species; and (4) habitat assessments and focused surveys for special-status wildlife species. Observations of all plant and wildlife species were recorded during the general biological surveys and are included as Appendix A: Floral Compendium and Appendix B: Faunal Compendium.

This document provides the results or a jurisdictional delineation identifying the limits of waters of the United States subject to the jurisdiction of the U.S. Army Corps of Engineers (Corps) pursuant to Clean Water Act (CWA) Section 404 and the Regional Water Quality Control Board (Regional board) pursuant to CWA Section 401, and streams subject to the jurisdiction of the California Department of Fish and Wildlife (CDFW) pursuant to Division 2, Chapter 6, Sections 1600-1603 of the California Fish and Game Code. Appendix E provides a separate Jurisdictional Delineation Report.

This document summarizes the results of a tree inventory performed by Dudek in 2018. The purpose of the inventory was to map and assess native trees pursuant to the City of Bradbury's Tree Preservation and Protection Ordinance (Chapter 9.06.090 of the City's Municipal Code).

1.2 Project Location

The Project is located in the City of Bradbury, Los Angeles, California [Exhibit 1 – Regional Map] and is located within Section 19 of Township 1 North, Range 10 West of the U.S. Geological Survey (USGS) 7.5" quadrangle map Azusa (dated 1966 and photorevised in 1972) [Exhibit 2 – Vicinity Map]. The Universal Transverse Mercator (UTM) coordinates approximately corresponding to the Study Area are 411407 mE and 3779912 mN (Zone 11S). Elevations at the property range from approximately 800 feet above mean sea level (amsl) to approximately 2,000 feet amsl. Adjacent land uses include proposed residential development to the west, open space to the east (Duarte Wilderness Preserve/San Gabriel Canyon Significant Ecological Area [SEA]); and open space to the north, including the Angeles National Forest.

1.3 Project Description

The Project will create 14 estate residential parcels. Development will require installation of a water tank, a booster station, debris and water quality basins the residential estates would allow a primary home and a guest house, other ancillary structures including but not limited to garages and stables. For analysis purposes, the allowable buildable area ranges from a minimum of 20,000 square feet to a maximum of 49,000 square feet. The undisturbed open space will be dedicated to a conservancy to be named and will ensure that 45.2% of the site remains undisturbed in perpetuity. All common areas within the project and areas that require ongoing maintenance will be maintained through a Homeowner's Association.

The proposed site design preserves the hillsides, limiting grading to a 50.5-acre area of the Specific Plan boundary. The area of impact is approximately 45.2% of total land holding of 111.8-acres. The project proposes a maximum of 14 dwelling units on a range of lot sizes, resulting in an overall average density for the project of 0.13 du/ac. In conformance with project goals, consistent housing styles are proposed to appeal to a range of future Chadwick Ranch Estates residents. The residential lot layouts are designed to reflect the project site's natural character by minimizing areas proposed for grading and softening the slopes between the residential pads. The Chadwick Ranch Estates residential product will provide primarily Estate Homes.

The project takes access through LA County Flood Control property using the existing easements to allow access from the intersection of Long Canyon Road and Bliss Canyon Road to the project site. A large portion of the existing Flood Control road system will be improved for the safety of current and future residents, as well as for ongoing Flood Control operations (offsite improvements).

The grading concept is primarily driven by the location of the access points and the existing topographic conditions of the site. The proposed project is in the gentlest portion of the property to minimize grading. The grading is planned to take place in one phase and will balance onsite, avoiding any importing or exporting of material while also proposing grading that blends with the natural topography. The proposed grading has natural movement and curves to mimic the rustic topography of the site. Where proposed grades meet existing topography, the grades will be rounded to blend and provide a natural effect.

The residential estate pads are created by contour grading the natural ground to provide flat pads and to balance the earthwork quantities on-site. Grading is anticipated to take approximately one year. The residential estates will be custom homes. The anticipated project buildout is 5 years from the start of construction. The majority or the project is dedicated as open space and will be left undisturbed.

The native landscape and open space surrounding the site extends into the project along roads, on slopes, in the community open space areas and on the edges of home sites to create an informal atmosphere that is important to the Bradbury Estates environment. In addition to this attention to the integration of the home sites, landscape and landform grading, the Chadwick Ranch Estates project plans to incorporate a specimen tree placement program for the lot owners within the Chadwick Ranch Estates development. This it to develop a sustainable urban forest management program through a public-private partnership.

The Project will maintain three fuel modification zones (A, B, and C). Zone A and B will both result in complete avoidance of existing vegetation, with Zone A consisting of 20-foot setback zone from structures, and Zone B consisting of an irrigated zone extending an additional 80 feet from the limits of Zone A (total of 100 feet from structures). Zone C consists of a native brush thinning zone that extends up to 200 feet from structures.

1.4 Existing Conditions

The Project site is located in the foothills of the San Gabriel Mountains, with elevations ranging from approximately 1,300 feet above mean sea level (amsl) to 775 feet amsl. The Project site has a prominent east-west ridgeline in the northern portion of the site with multiple lateral ridgelines that slope steeply to the south. The ridgelines and slopes are vegetated predominately with chaparral (including Scrub Oak Chaparral and a mixed chaparral) and California Buckwheat-California Sagebrush Scrub. Plants associated with the chaparral areas include scrub oak (Quercus berberidifolia), laurel sumac (Malosma laurina), toyon (Heteromeles arbutifolia), hollyleaf redberry (Rhamnus ilicifolia), spiny redberry (Rhamnus crocea), blue elderberry (Sambucus nigra ssp. caerulea), bush monkeyflower (Diplacus aurantiacus), chamise (Adenostoma fasciculatum), chaparral honeysuckle (Lonicera subspicata), fragrant sumac (Rhus aromatica), lemonadeberry (Rhus integrifolia), chaparral yucca (Hesperoyucca whipplei), and poison oak (Toxicodendron diversilobum). Plants associated with the coastal sage scrub include California buckwheat (Eriogonum fasciculatum), coastal sagebrush (Artemisia californica), deerweed (Acmispon glaber), black sage (Salvia mellifera), white sage (Salvia apiana), sawtooth goldenbush (*Hazardia squarrosa*), and coast prickly pear (*Opuntia littoralis*). The chaparral vegetation is the dominant scrub vegetation, with coastal sage scrub in smaller patches or intermixed with the chaparral. Overall, southern mixed chaparral is prominent on the north- and west-facing slopes, with Diegan coastal sage scrub on south- and east-facing slopes. The northsouth ridgelines are separated by incised drainage features that drain towards offsite floodcontrol facilities to the south. The southernmost portion of the site contains a larger drainage feature supporting a riparian woodland dominated by coast live oak (Quercus agrifolia) and western sycamore (Platanus racemosa). Coast live oak trees also occur throughout the other drainage features and on adjacent slopes. Additional riparian vegetation includes black willow (Salix gooddingii) and mulefat (Baccharis salicifolia). Adjacent land uses include residential development to the west, south, and southeast; open space to the east (Duarte Wilderness

Preserve); and open space to the north, including the Angeles National Forest. Offsite lands to the north and east are also associated with a County of Los Angeles Significant Ecological Area (SEA) for San Gabriel Canyon.

The Specific Plan proposes approximately 86.4 acres of open space Lots, including approximately 60.6 acres to be conserved as Lot L. Although a portion of Lot L will be impacted by remedial grading and fuel modification, the majority will remain undisturbed and in conservation. The majority of the Lot L open space consists of chaparral vegetation dominated by scrub oak, laurel sumac, and other chaparral species described above. The Lot L open space also supports Coast Live Oak Riparian Forest that is associated with Bradbury Canyon. The open space associated with the Bradbury Canyon complex is expected to generally support the same species associated with the development footprint, although due to the presence of intermittent or perennial water sources, Bradbury Canyon would support other species not expected within the development footprint. For example, the coast range newt (*Taricha tarosa*) was observed on one occasion at a waterfall in Bradbury Canyon that would not be expected in the development footprint. Species evaluated within this report for development portion of the Specific Plan are also discussed throughout in the context of the open space.

2.0 METHODOLOGY

In order to adequately identify biological resources in accordance with the requirements of CEQA, Glenn Lukos Associates (GLA) assembled biological data consisting of three main components:

- Delineation of aquatic resources (including wetlands and riparian habitat) subject to the jurisdiction of the U.S. Army Corps of Engineers (Corps), Regional Water Quality Control Board (Regional Board), and CDFW;
- Performance of vegetation mapping for the Project site; and
- Performance of habitat assessments, and site-specific biological surveys, to evaluate the presence (including the potential presence) or absence of special-status species in accordance with the requirements of CEQA.

In addition, GLA collected observational data and/or researched information related to wildlife movement/corridors, soils resources, and adjacent (offsite) sensitive/management lands.

The focus of the studies was determined through initial site reconnaissance, a review of pertinent literature, and knowledge of the region. Site-specific general surveys within the Project site were conducted on foot in the proposed development areas for each target plant or animal species determined to have a potential to occur and where focused surveys were appropriate. The emphasis of the field studies was on areas to be impacted by the Project through grading and fuel modification, totaling approximately 73.31 acres, including 50.48 acres within the Specific Plan boundary and the 22.83-acre offsite improvement area. Much of the offsite improvement areas consist of existing flood control access roads and adjacent ornamental planting areas, and so the primary focus of the field investigations was in native habitats associated with the development footprint. The majority of the remaining Lot L Open Space to remain undisturbed (i.e. north of

Bradbury Canyon) was not directly accessed due to the terrain and since these areas will not be impacted by the Project. Instead the majority of the Lot L Open Space was generally evaluated using aerial imagery and observations made from accessible portions of Bradbury Canyon and the adjacent ridgelines.

Areas that were analyzed for potential indirect effects, including offsite lands to the east (Duarte Wilderness Preserve/San Gabriel SEA), and proposed Open Space to north and south were either evaluated through direct surveys where the lands were accessible (i.e. portions of the Project's Open Space) or through observation from accessible portions of the Project site such as with the lands to the east where GLA did not have access.

The literature review included the following resources:

- California Native Plant Society, Rare Plant Program. 2020. Inventory of Rare and Endangered Plants of California (online edition, v8-03 0.39) (CNPS 2020);
- CNDDB for the USGS 7.5' quadrangles: Azusa and surrounding quadrangles (CNDDB 2020);
- Natural Resource Conservation Service (NRCS) soil data;
- USFWS online Information for Planning and Consultation (IPaC) system;
- USFWS National Wetland Inventory (NWI) mapping; and
- County of Los Angeles Significant Ecological Area (SEA) mapping.

Vegetation was mapped directly onto a 200-scale (1"=200") aerial photograph. Native vegetation communities were classified following A Manual of California Vegetation, Second Edition (MCVII), which is the California expression of the National Vegetation Classification, where the vegetation fit appropriately into a MCVII category. As necessary, the vegetation community mapping cross-referenced Holland (1986). Where neither system applied, such as with developed and ornamental plantings, then a category was specifically defined for this report. All flora and fauna identified on site during vegetation mapping was included in a floral and faunal compendium prepared for the Project. Vegetation communities not listed under the above-mentioned vegetation classification systems were named based on the dominant plant species present.

2.1 Summary of Surveys

GLA conducted biological studies in order to identify and analyze actual or potential impacts to biological resources associated with development of the Project site. Specific field tasks included 1) general biological surveys, including habitat assessments; 2) vegetation mapping; 3) focused plant survey; 4) focused surveys for the coastal California gnatcatcher; and 5) a delineation of jurisdictional waters. Due to constraints related access coordination, GLA consolidated the surveys into 10 separate site visits, with two biologists present on 6 of the 10 days, for a total of 16 "biologist days". Of the 10 dates when the site was surveyed, 6 of those dates included a morning gnatcatcher survey followed by dedicated efforts for plant surveys and/or the jurisdictional delineation fieldwork. The site contains minimal areas of potentially suitable habitat for gnatcatchers and so the emphasis of field time at the site was spent documenting floral resources and characterizing habitat for special-status animals. Furthermore,

on four of the gnatcatcher-survey dates a second biologist was present to perform other tasks, such that one biologist was dedicated to the gnatcatcher survey and the second biologist documented plants and otherwise evaluated the site for other resources. Once the gnatcatcher survey was completed, then the rest of the day was dedicated by both biologists to plant surveys. Since the Project site lacks wetlands and complex riparian mapping, the jurisdictional delineation was limited to taking occasional stream width data and photographs to characterize the jurisdictional resources, which did not consume much of the total survey time. Observations of all plant and wildlife species were recorded during each of the above-mentioned survey efforts [Appendix A: Floral Compendium and Appendix B: Faunal Compendium]. Table 2-1 provides a summary list of survey dates, survey types and personnel.

Table 2-1. Summary of Biological Surveys for the Project Site.

| Survey Type | Survey Dates | Biologists |
|-------------------------------|-----------------------------------|-------------|
| General Biological Survey and | 2017: | |
| Habitat Assessments | 4/11, 4/15 | DM/ZW |
| | | |
| Vegetation Mapping | 4/15, 5/12, 5/25, 6/15 | DM/ZW |
| Focused Plant Surveys | 2017: | |
| | 4/11, 4/15, 4/25, 5/2, 5/9, 5/12, | DM/ZW/JA |
| | 5/16, 5/25, 6/15, 6/27 | 21122117011 |
| | | |
| Focused Gnatcatcher Surveys | 2017: | |
| | 4/11 | DM |
| | 4/25 | DM/ZW |
| | 5/2 | DM/JA |
| | 5/9 | DM/ZW |
| | 5/16 | DM/ZW |
| | 6/27 | DM |
| Jurisdictional Delineation | 2017: | |
| | 4/25, 5/9, 5/16 | DM/ZW |
| | | |
| | 2018: | |
| | 3/5 | DM/ZW |

DM = David Moskovitz; ZW = Zack West; JA = Jeff Ahrens

Individual plants and wildlife species are evaluated in this report based on their "special-status." For the purpose of this report, plants were considered "special-status" based on one or more of the following criteria:

- Listing through the Federal and/or State Endangered Species Act (ESA);
- Occurrence in the CNPS Rare Plant Inventory (Rank 1A/1B, 2A/2B, 3, or 4); and/or
- Occurrence in the CNDDB inventory.

Wildlife species were considered "special-status" based on one or more of the following criteria:

• Listing through the Federal and/or State ESA; and

• Designation by the State as a Species of Special Concern (SSC) or California Fully Protected (CFP) species.

Vegetation communities and habitats were considered "special-status" based on one or more of the following criteria:

- Global (G) and/or State (S) ranking of category 3 or less based on CDFW (see Section 3.2.2 below for further explanation); and
- Riparian habitat.

2.2 Botanical Resources

A site-specific survey program was designed to accurately document the botanical resources within the Project site, and consisted of five components: (1) a literature search; (2) preparation of a list of target special-status plant species and sensitive vegetation communities that could occur within the Project site; (3) general field reconnaissance surveys; (4) vegetation mapping according to the List of Vegetation Alliances and Associations; and (5) habitat assessments and focused surveys for special-status plants.

2.2.1 Literature Search

Prior to conducting fieldwork, pertinent literature on the flora of the region was examined. A thorough archival review was conducted using available literature and other historical records. These resources included the following:

- California Native Plant Society, Rare Plant Program. 2020. Inventory of Rare and Endangered Plants of California (online edition, v8-03 0.39) (CNPS 2020); and
- CNDDB for the USGS 7.5' quadrangles: Azusa and surrounding quadrangles (CNDDB 2020).

2.2.2 Vegetation Mapping

Vegetation communities within the Project site were mapped according to the List of Vegetation Alliances and Associations (or Natural Communities List). The list is based on A Manual of California Vegetation, Second Edition or MCVII (Sawyer, J.O, T. Keeler-Wolf and J.M. Evens 2009), which is the California expression of the National Vegetation Classification. Where necessary, deviations were made when areas did not fit into exact habitat descriptions. These vegetation communities were named based on the dominant plant species present. Plant communities were mapped in the field directly onto a 200-scale (1"=200") aerial photograph. A vegetation map is included as Exhibit 6. Representative site photographs are included as Exhibit 10.

2.2.3 Special-Status Plant Species and Habitats Evaluated for the Project Site

A literature search was conducted to obtain a list of special status plants with the potential to occur within the Project site. The CNDDB was initially consulted to determine well-known occurrences of plants and habitats of special concern in the region. Other sources used to develop a list of target species for the survey program included the CNPS online inventory (2020).

Based on this information, vegetation profiles and a list of target sensitive plant species and habitats that could occur within the Project site were developed and incorporated into a mapping and survey program to achieve the following goals: (1) characterize the vegetation associations and land use; (2) prepare a detailed floristic compendium; (3) identify the potential for any special status plants that may occur within the Project site; and (4) prepare a map showing the distribution of any sensitive botanical resources associated with the Project site, if applicable.

2.2.4 Botanical Surveys

GLA biologist David Moskovitz visited the site on April 11, 15, 25, May 2, 9, 12, 16 and 25, and June 15 and 27, 2017 to conduct general and focused plant surveys. GLA biologist Zack West participated in the surveys on April 15, 25, and May 9, 16 and 25. GLA biologist Jeff Ahrens participated in the survey on May 2. Of the ten site visits that included plant surveys, six of the surveys were performed on days when surveys were also performed for the coastal California gnatcatcher. On April 15 and 25, and May 9, 16, and 25, Mr. West focused on surveying for plants while Mr. Moskovitz performed the gnatcatcher survey, and then following the completion of the gnatcatcher survey, both continued to survey for plants. On May 2, Mr. Ahrens performed the gnatcatcher survey in the morning, with Mr. Moskovitz performing focused plant surveys for the entirety of the day. As such, although six of the plant survey visits occurred on the same day as gnatcatcher surveys, four of those dates included a biologist dedicated to plant surveys, and on the two days (April 11 and June 27) when a single biologist was present (Mr. Moskovitz) plant surveys were performed in the afternoon following the completion of the gnatcatcher surveys in the morning. Surveys were conducted in accordance with accepted botanical survey guidelines (CDFG 2009, CNPS 2001, USFWS 2000). As applicable, surveys were conducted at appropriate times based on precipitation and flowering periods. An aerial photograph, a soil map, and/or a topographic map were used to determine the community types and other physical features that may support sensitive and uncommon taxa or communities within the Project site. Surveys were conducted by following meandering transects within target areas of suitable habitat. All plant species encountered during the field surveys were identified and recorded following the above-referenced guidelines adopted by CNPS (2010) and CDFW by Nelson (1984). A complete list of the plant species observed is provided in Appendix A. Scientific nomenclature and common names used in this report follow Baldwin et al (2012), and Munz (1974).

2.3 Wildlife Resources

Wildlife species were evaluated and detected during field surveys by sight, call, tracks, and scat. Site reconnaissance was conducted in such a manner as to allow inspection of the entire Project site by direct observation, including the use of binoculars. Observations of physical evidence and direct sightings of wildlife were recorded in field notes during the visit. A complete list of wildlife species observed within the Project site is provided in Appendix B. Scientific nomenclature and common names for vertebrate species referred to in this report follow the Complete List of Amphibian, Reptile, Bird, and Mammal Species in California (CDFG 2008), Standard Common and Scientific Names for North American Amphibians, Turtles, Reptiles, and Crocodilians 6th Edition, Collins and Taggert (2009) for amphibians and reptiles, and the American Ornithologists' Union Checklist 7th Edition (2009) for birds. The methodology (including any applicable survey protocols) utilized to conduct general surveys, habitat assessments, and/or focused surveys for special-status animals are included below.

2.3.1 General Surveys

Invertebrates

During the biological surveys within the Study Area, invertebrates were documented if they were detected incidentally, with identifications recorded in field notes.

Birds

During the biological surveys within the Study Area, birds were detected incidentally by direct observation and/or by vocalizations, with identifications recorded in field notes.

Mammals

During the biological surveys within the Study Area, mammals were identified and detected incidentally by direct observations and/or by the presence of diagnostic sign (i.e., tracks, burrows, scat, etc.).

Reptiles and Amphibians

During the biological surveys within the Study Area, reptiles and amphibians were identified incidentally during surveys. Habitats were examined for diagnostic reptile sign, which include shed skins, scat, tracks, snake prints, and lizard tail drag marks. All reptiles and amphibian species observed, as well as diagnostic sign, were recorded in field notes.

2.3.2 Special-Status Animal Species Reviewed

A literature search was conducted in order to obtain a list of special-status wildlife species with the potential to occur within the Study Area. Species were evaluated based on two factors: 1) species identified by the CNDDB as occurring (either currently or historically) on or in the

vicinity of the Project site, and 2) any other special-status animals that are known to occur within the vicinity of the Project site, or for which potentially suitable habitat occurs on the Project site.

2.3.3 Habitat Assessment for Special Status Animal Species

GLA biologists David Moskovitz and Zack West conducted habitat assessments for special-status animal species on April 15 and 25, 2017. An aerial photograph, soil map and/or topographic map were used to determine the community types and other physical features that may support special-status and uncommon taxa within the Project site.

2.3.4 Focused Surveys for Special-Status Animals Species

Coastal California Gnatcatcher

GLA biologists David Moskovitz (TE-084606-3) and Jeff Ahrens (TE-052159-5) conducted focused surveys for the coastal California gnatcatcher (*Polioptila californica californica*) for all suitable habitat areas within the Study Area. Mr. Zack West was present during the surveys on April 25, May 9 and 16, 2017. Surveys were conducted in accordance with the 1997 USFWS survey guidelines, which during the breeding season (March 15 through June 30) require a minimum of six surveys (per survey polygon) with at least one week separating each survey visit. The survey guidelines limit individual biologists to surveying a maximum of 80 acres per day. Since the majority of the proposed development footprint supports dense chaparral vegetation communities, there was minimal suitable habitat present for the gnatcatcher, with a total of 1.75 acres of contiguous sage scrub habitat within the offsite improvement area and the "not a part" area, in addition to smaller inclusions of sage scrub vegetation intermixed within the chaparral vegetation. As such, the Study Area contains considerably less than 80 acres of suitable habitat for the gnatcatcher, and therefore the survey area consisted of a single survey polygon.

Focused surveys were conducted on April 11 and 25, May 2, 9, and 16, 2017, and June 27, 2017. Pursuant to the survey guidelines, the surveys were conducted between sunrise and 12:00 p.m. Weather conditions during the surveys were conducive to a high level of bird activity. Table 2-2 summarizes the gnatcatcher survey visits. The results of the gnatcatcher surveys are documented in Section 4.0 of this report, and in Appendix C.

Table 2-2. Summary of Coastal California Gnatcatcher Surveys

| Survey Date | Surveyor | Start/End Time | Temp °F (start/end) | Start/End Wind Speed (mph) | Cloud Cover |
|-------------|----------|----------------|------------------------|----------------------------------|----------------|
| 4/11/17 | DM | 0700/1200 | 58/76 | 1-3/1-3 | Clear |
| 4/25/17 | DM/ZW | 0730/1145 | 62/74 | 0-2/1-3 | Pt. Cloudy |
| 5/2/17 | DM/JA | 0800/1100 | 66/81 | 1-3/2-4 | Clear |
| 5/9/17 | DM/ZW | 0745/1200 | 65/70 | 0-2/0-3 | Overcast |
| 5/16//17 | DM/ZW | 0830/1145 | 59/64 | 0-2/0-2 | Pt. Cloudy |
| 6/27/17 | DM | 0815/1145 | 68/81 | 1-3/0-2 | Clear |

DM = David Moskovitz, ZW = Zack West (non-permitted), JA = Jeff Ahrens

2.4 Tree Inventory

International Society of Arboriculture (ISA)-certified arborists with Dudek performed a tree inventory for the development footprint in 2018. The purpose of the inventory was to map and assess native trees pursuant to the City of Bradbury's Tree Preservation and Protection Ordinance (Chapter 9.06.090 of the City's Municipal Code). Dudek's arborists mapped and collected tree attribute information for all trees meeting the City's definition of a "protected tree," which includes native, prominent, significant, and orchard trees that have a minimum or expected diameter of 4 inches at 24 inches above final grade. The location of each individual mature tree was mapped using a Trimble Pathfinder Pro XH Global Positioning System (GPS) receiver. Protected trees were tagged in the field with an aluminum tree tag bearing a unique identification number. The tags were placed on the trunk of each inventoried tree, and tag numbers correspond with the individual tree data presented in Dudek's Tree Preservation and Protection Plan (dated July 2018).

Concurrent with tree mapping efforts, Dudek arborists collected tree attribute data, including species, quantity of individual trunks, individual trunk diameters, overall height, canopy extent, and general health and structural conditions. Trunk diameter measurements were collected at 24 inches above the ground along the trunk axis as described in Section 9.06.090.030 of the City's Municipal Code, with a few common exceptions. In cases where a tree's trunk is located on a slope, the 2-foot distance was approximated as the average of the shortest and longest sides of the trunk (i.e., the uphill side and downhill side of a tree's trunk, respectively), and the measurement was made at the circumference of the trunk at this point. Tree height measurements were ocular estimates made by experienced field arborists. Tree canopy diameters were typically estimated by "pacing-off" the measurement based on the investigator's knowledge of his stride length or by visually estimating the canopy width. The tree crown diameter measurements were made along an imaginary line intersecting the tree trunk that best approximated the average canopy diameter.

Pursuant to the *Guide for Plant Appraisal* (ISA 2000), tree health and structure were evaluated with respect to five distinct tree components: roots, trunk(s), scaffold branches, small branches, and foliage. Each component of the tree was assessed regarding health factors such as insect, fungal, or pathogen damage; fire damage; mechanical damage; presence of decay; presence of wilted or dead leaves; and wound closure.

2.5 <u>Jurisdictional Delineation</u>

GLA performed a jurisdictional delineation of the Study Area to identify the limits of waters of the U.S. subject to jurisdiction of the Corps and Regional Board, and waters of the State subject to the jurisdiction of CDFW. Mr. Moskovitz and Mr. West conducted completed parts of the delineation on during multiple visits at the site, including April 25, May 9 and 16, 2017 and March 5, 2018. Prior to beginning the field delineation, a color aerial photograph, a topographic base map of the property, the previously cited USGS topographic map, and a soils map were examined to determine the locations of potential areas of Corps, Regional Board, and CDFW jurisdiction. Suspected jurisdictional areas were field checked for evidence of stream activity and/or wetland vegetation, soils and hydrology. Where applicable, reference was made to the

2008 Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States (OWHM Manual)¹ to identify the width of Corps jurisdiction and suspected federal wetland habitats on the site were evaluated using the methodology set forth in the U.S. Army Corps of Engineers 1987 Wetland Delineation Manual² (Wetland Manual) and the 2008 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Supplement (Arid West Supplement).³ In the preparation of this report, reference was also made to the new (2020) *Navigable Waters Protection Rule* for identifying waters of the U.S. and the 2019 State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State (State Board Wetland Definition and Procedures) to identify suspected State wetland habitats.⁴ While in the field the limits of the OHWM, wetlands, and CDFW jurisdiction were recorded using GPS technology and/or on copies of the aerial photography. Other data were recorded onto the appropriate datasheets. The results of the Jurisdictional Delineation are depicted on Exhibit 7 and 8.

3.0 REGULATORY SETTING

The proposed Project is subject to state and federal regulations associated with several regulatory programs. These programs often overlap and were developed to protect natural resources, including: state- and federally listed plants and animals; aquatic resources including rivers and creeks, ephemeral streambeds, wetlands, and areas of riparian habitat; other special-status species which are not listed as threatened or endangered by the state or federal governments; and other special-status vegetation communities.

3.1 State and/or Federally Listed Plants or Animals

3.1.1 State of California Endangered Species Act

California's Endangered Species Act (CESA) defines an endangered species as "a native species or subspecies of a bird, mammal, fish, amphibian, reptile, or plant which is in serious danger of becoming extinct throughout all, or a significant portion, of its range due to one or more causes, including loss of habitat, change in habitat, overexploitation, predation, competition, or disease." The State defines a threatened species as "a native species or subspecies of a bird, mammal, fish, amphibian, reptile, or plant that, although not presently threatened with extinction, is likely to become an Endangered species in the foreseeable future in the absence of the special protection and management efforts required by this chapter. Any animal determined by the commission as rare on or before January 1, 1985 is a threatened species." Candidate species are defined as "a native species or subspecies of a bird, mammal, fish, amphibian, reptile, or plant that the

_

¹ U.S. Army Corps of Engineers. 2008. A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States

² Environmental Laboratory. 1987. Corps of Engineers Wetlands Delineation Manual, Technical Report Y-87-1, U.S. Army Engineer Waterways Experimental Station, Vicksburg, Mississippi.

³ U.S. Army Corps of Engineers. 2008. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0), ed. J. S. Wakeley, R. W. Lichvar, and C. V. Noble. ERDC/EL TR-08-28. Vicksburg, MS: U.S. Army Engineer Research and Development Center.

⁴ State Water Resources Control Board. 2019. State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State.

commission has formally noticed as being under review by the department for addition to either the list of endangered species or the list of threatened species, or a species for which the commission has published a notice of proposed regulation to add the species to either list." Candidate species may be afforded temporary protection as though they were already listed as threatened or endangered at the discretion of the Fish and Game Commission. Unlike the Federal Endangered Species Act (FESA), CESA does not list invertebrate species.

Article 3, Sections 2080 through 2085, of the CESA addresses the taking of threatened, endangered, or candidate species by stating "No person shall import into this state, export out of this state, or take, possess, purchase, or sell within this state, any species, or any part or product thereof, that the commission determines to be an endangered species or a threatened species, or attempt any of those acts, except as otherwise provided." Under the CESA, "take" is defined as "hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill." Exceptions authorized by the state to allow "take" require permits or memoranda of understanding and can be authorized for endangered species, threatened species, or candidate species for scientific, educational, or management purposes and for take incidental to otherwise lawful activities. Sections 1901 and 1913 of the California Fish and Game Code provide that notification is required prior to disturbance.

3.1.2 Federal Endangered Species Act

The FESA of 1973 defines an endangered species as "any species that is in danger of extinction throughout all or a significant portion of its range." A threatened species is defined as "any species that is likely to become an Endangered species within the foreseeable future throughout all or a significant portion of its range." Under provisions of Section 9(a)(1)(B) of the FESA it is unlawful to "take" any listed species. "Take" is defined in Section 3(18) of FESA: "...harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct." Further, the USFWS, through regulation, has interpreted the terms "harm" and "harass" to include certain types of habitat modification that result in injury to, or death of species as forms of "take." These interpretations, however, are generally considered and applied on a case-by-case basis and often vary from species to species. In a case where a property owner seeks permission from a Federal agency for an action that could affect a federally listed plant and animal species, the property owner and agency are required to consult with USFWS. Section 9(a)(2)(b) of the FESA addresses the protections afforded to listed plants.

3.1.3 State and Federal Take Authorizations for Listed Species

Federal or state authorizations of impacts to or incidental take of a listed species by a private individual or other private entity would be granted in one of the following ways:

- Section 7 of the FESA stipulates that any federal action that may affect a species listed as threatened or endangered requires a formal consultation with USFWS to ensure that the action is not likely to jeopardize the continued existence of the listed species or result in destruction or adverse modification of designated critical habitat. 16 U.S.C. 1536(a)(2).
- In 1982, the FESA was amended to give private landowners the ability to develop Habitat Conservation Plans (HCP) pursuant to Section 10(a) of the FESA. Upon development of

- an HCP, the USFWS can issue incidental take permits for listed species where the HCP specifies at minimum, the following: (1) the level of impact that will result from the taking, (2) steps that will minimize and mitigate the impacts, (3) funding necessary to implement the plan, (4) alternative actions to the taking considered by the applicant and the reasons why such alternatives were not chosen, and (5) such other measures that the Secretary of the Interior may require as being necessary or appropriate for the plan.
- Sections 2090-2097 of the CESA require that the state lead agency consult with CDFW on projects with potential impacts on state-listed species. These provisions also require CDFW to coordinate consultations with USFWS for actions involving federally listed as well as state-listed species. In certain circumstances, Section 2080.1 of the California Fish and Game Code allows CDFW to adopt the federal incidental take statement or the 10(a) permit as its own based on its findings that the federal permit adequately protects the species under state law.

3.2 <u>California Environmental Quality Act</u>

3.2.1 CEQA Guidelines Section 15380

CEQA requires evaluation of a project's impacts on biological resources and provides guidelines and thresholds for use by lead agencies for evaluating the significance of proposed impacts. Sections 5.1.1 and 5.2.2 below set forth these thresholds and guidelines. Furthermore, pursuant to the CEQA Guidelines Section 15380, CEQA provides protection for non-listed species that could potentially meet the criteria for state listing. For plants, CDFW recognizes that plants on Lists 1A, 1B, or 2 of the CNPS *Inventory of Rare and Endangered Plants in California* may meet the criteria for listing and should be considered under CEQA. CDFW also recommends protection of plants, which are regionally important, such as locally rare species, disjunct populations of more common plants, or plants on the CNPS Lists 3 or 4.

3.2.2 Special-Status Plants, Wildlife and Vegetation Communities Evaluated Under CEQA

Federally Designated Special-Status Species

Within recent years, the USFWS instituted changes in the listing status of candidate species. Former C1 (candidate) species are now referred to simply as candidate species and represent the only candidates for listing. Former C2 species (for which the USFWS had insufficient evidence to warrant listing) and C3 species (either extinct, no longer a valid taxon or more abundant than was formerly believed) are no longer considered as candidate species. Therefore, these species are no longer maintained in list form by the USFWS, nor are they formally protected. This term is employed in this document but carries no official protections. All references to federally protected species in this report (whether listed, proposed for listing, or candidate) include the most current published status or candidate category to which each species has been assigned by USFWS.

For this report the following acronyms are used for federal special-status species:

FE Federally listed as Endangered

| • | FT | Federally listed as Threatened |
|---|-----|------------------------------------------------|
| • | FPE | Federally proposed for listing as Endangered |
| • | FPT | Federally proposed for listing as Threatened |
| • | FC | Federal Candidate Species (former C1 species) |
| • | FSC | Federal Species of Concern (former C2 species) |

State-Designated Special-Status Species

Some mammals and birds are protected by the state as Fully Protected (SFP) Mammals or Fully Protected Birds, as described in the California Fish and Game Code, Sections 4700 and 3511, respectively. California SSC are designated as vulnerable to extinction due to declining population levels, limited ranges, and/or continuing threats. This list is primarily a working document for the CDFW's CNDDB project. Informally listed taxa are not protected but warrant consideration in the preparation of biotic assessments. For some species, the CNDDB is only concerned with specific portions of the life history, such as roosts, rookeries, or nest sites.

For this report the following acronyms are used for State special-status species:

| • | SE | State-listed as Endangered |
|---|-----|-------------------------------------------|
| • | ST | State-listed as Threatened |
| • | SR | State-listed as Rare |
| • | SCE | State Candidate for listing as Endangered |
| • | SCT | State Candidate for listing as Threatened |
| • | SFP | State Fully Protected |
| • | SP | State Protected |
| • | SSC | State Species of Special Concern |

CNDDB Global/State Rankings

The CNDDB provides global and state rankings for species and communities based on a system developed by The Nature Conservancy to measure rarity of a species. The ranking provides a shorthand formula about how rare a species/community is and is based on the best information available from multiple sources, including state and federal listings, and other groups that recognize species as sensitive (e.g., Bureau of Land Management, Audubon Society, etc.). State and global rankings are used to prioritize conservation and protection efforts so that the rarest species/communities receive immediate attention. In both cases, the lower ranking (i.e., G1 or S1) indicates extreme rarity. Rare species are given a ranking from 1 to 3. Species with a ranking of 4 or 5 is common. If the exact global/state ranking is undetermined, a range is generally provided. For example, a global ranking of "G1G3" indicates that a species/community global rarity is between G1 and G3. If the animal being considered is a subspecies of a broader species, a "T" ranking is attached to the global ranking. The following are descriptions of global and state rankings:

Global Rankings

- G1 Critically imperiled globally because of extreme rarity (5 or fewer occurrences), or because of some factor(s) making it especially vulnerable to extinction.
- G2 Imperiled globally because of rarity (6-20 occurrences), or because of some other factor(s) making it very vulnerable to extinction throughout its range.
- G3 Either very rare and local throughout its range (21 to 100 occurrences) or found locally (even abundantly at some of its locations) in a restricted range (e.g., a physiographic region), or because of some other factor(s) making it vulnerable to extinction throughout its range.
- G4 Uncommon but not rare; some cause for long-term concern due to declines or other factors.
- G5 Common, widespread and abundant.

State Rankings

- S1 Extremely rare; typically, 5 or fewer known occurrences in the state; or only a few remaining individuals; may be especially vulnerable to extirpation.
- S2 Very rare; typically, between 6 and 20 known occurrences; may be susceptible to becoming extirpated.
- S3 Rare to uncommon; typically, 21 to 50 known occurrences; S3 ranked species are not yet susceptible to becoming extirpated in the state but may be if additional populations are destroyed.
- S4 Uncommon but not rare; some cause for long-term concern due to declines or other factors.
- S5 Common, widespread, and abundant in the state.

California Native Plant Society

The CNPS is a private plant conservation organization dedicated to the monitoring and protection of sensitive species in California. The CNPS's Eighth Edition of the *California Native Plant Society's Inventory of Rare and Endangered Plants of California* separates plants of interest into five ranks. CNPS has compiled an inventory comprised of the information focusing on geographic distribution and qualitative characterization of Rare, Threatened, or Endangered vascular plant species of California. The list serves as the candidate list for listing as threatened and endangered by CDFW. CNPS has developed five categories of rarity that are summarized in Table 3-1.

Table 3-1. CNPS Ranks 1, 2, 3, & 4, and Threat Code Extensions

| CNPS Rank | Comments |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Rank 1A – Plants Presumed | Thought to be extinct in California based on a lack of observation or |
| Extirpated in California and | detection for many years. |
| Either Rare or Extinct | |
| Elsewhere | |
| Rank 1B – Plants Rare, | Species, which are generally rare throughout their range that are also |
| Threatened, or Endangered in | judged to be vulnerable to other threats such as declining habitat. |
| California and Elsewhere | |
| Rank 2A – Plants presumed | Species that are presumed extinct in California but more common |
| Extirpated in California, But | outside of California |
| Common Elsewhere | |
| Rank 2B – Plants Rare, | Species that are rare in California but more common outside of |
| Threatened or Endangered in | California |
| California, But More | |
| Common Elsewhere | |
| Rank 3 – Plants About Which | Species that are thought to be rare or in decline but CNPS lacks the |
| More Information Is Needed | information needed to assign to the appropriate list. In most instances, |
| (A Review List) | the extent of surveys for these species is not sufficient to allow CNPS |
| | to accurately assess whether these species should be assigned to a |
| | specific rank. In addition, many of the Rank 3 species have associated taxonomic problems such that the validity of their current taxonomy is |
| | unclear. |
| Rank 4 – Plants of Limited | Species that are currently thought to be limited in distribution or range |
| Distribution (A Watch List) | whose vulnerability or susceptibility to threat is currently low. In |
| Distribution (A water List) | some cases, as noted above for Rank 3 species, CNPS lacks survey |
| | data to accurately determine status in California. Many species have |
| | been placed on Rank 4 in previous editions of the "Inventory" and |
| | have been removed as survey data has indicated that the species are |
| | more common than previously thought. CNPS recommends that |
| | species currently included on this list should be monitored to ensure |
| | that future substantial declines are minimized. |
| Extension | Comments |
| .1 – Seriously endangered in | Species with over 80% of occurrences threatened and/or have a high |
| California | degree and immediacy of threat. |
| .2 – Fairly endangered in | Species with 20-80% of occurrences threatened. |
| California | |
| .3 – Not very endangered in | Species with <20% of occurrences threatened or with no current |
| California | threats known. |

3.3 Jurisdictional Waters

3.3.1 Army Corps of Engineers

Pursuant to Section 404 of the Clean Water Act, the Corps regulates the discharge of dredged and/or fill material into waters of the United States. The term "waters of the United States" is defined in Corps regulations at 33 CFR Part 328.3(a), pursuant to the *Navigable Waters Protection Rule*⁵ (NWPR), as:

- (a) Jurisdictional waters. For purposes of the Clean Water Act, 33 U.S.C. 1251 *et seq.* and its implementing regulations, subject to the exclusions in paragraph (b) of this section, the term "waters of the United States" means:
 - (1) The territorial seas, and waters which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including waters which are subject to the ebb and flow of the tide;
 - (2) Tributaries;
 - (3) Lakes and ponds, and impoundments of jurisdictional waters; and
 - (4) Adjacent wetlands.
- (b) Non-jurisdictional waters. The following are not "waters of the United States":
 - (1) Waters or water features that are not identified in paragraph (a)(1), (2), (3), or (4) of this section;
 - (2) Groundwater, including groundwater drained through subsurface drainage systems;
 - (3) Ephemeral features, including ephemeral streams, swales, gullies, rills, and pools;
 - (4) Diffuse stormwater run-off and directional sheet flow over upland;
 - (5) Ditches that are not waters identified in paragraph (a)(1) or (2) of this section, and those portions of ditches constructed in waters identified in paragraph (a)(4) of this section that do not satisfy the conditions of paragraph (c)(1) of this section;
 - (6) Prior converted cropland;
 - (7) Artificially irrigated areas, including fields flooded for agricultural production, that would revert to upland should application of irrigation water to that area cease;
 - (8) Artificial lakes and ponds, including water storage reservoirs and farm, irrigation, stock watering, and log cleaning ponds, constructed or excavated in upland or in non-jurisdictional waters, so long as those artificial lakes and ponds are not impoundments of jurisdictional waters that meet the conditions of paragraph (c)(6) of this section;
 - (9) Water-filled depressions constructed or excavated in upland or in non-jurisdictional waters incidental to mining or construction activity, and pits excavated in upland or in non-jurisdictional waters for the purpose of obtaining fill, sand, or gravel;
 - (10) Stormwater control features constructed or excavated in upland or in nonjurisdictional waters to convey, treat, infiltrate, or store stormwater runoff;
 - (11) Groundwater recharge, water reuse, and wastewater recycling structures, including detention, retention, and infiltration basins and ponds, constructed or excavated in upland or in non-jurisdictional waters; and

⁵ U.S. Environmental Protection Agency & Department of Defense. 2020. Federal Register / Vol. 85, No. 77 / Tuesday, April 21, 2020 / Rules and Regulations.

(12) Waste treatment systems.

In the absence of wetlands, the limits of Corps jurisdiction in non-tidal waters, such as intermittent streams, extend to the OHWM which is defined at 33 CFR 328.3(e) as:

...that line on the shore established by the fluctuation of water and indicated by physical characteristics such as clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas.

1. Wetland Definition Pursuant to Section 404 of the Clean Water Act

The term "wetlands" (a subset of "waters of the United States") is defined at 33 CFR 328.3(b) as "those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support...a prevalence of vegetation typically adapted for life in saturated soil conditions." In 1987 the Corps published the Wetland Manual to guide its field personnel in determining jurisdictional wetland boundaries. The methodology set forth in the Wetland Manual and the Arid West Supplement generally require that, in order to be considered a wetland, the vegetation, soils, and hydrology of an area exhibit at least minimal hydric characteristics. While the Wetland Manual and Arid West Supplement provide great detail in methodology and allow for varying special conditions, a wetland should normally meet each of the following three criteria:

- * More than 50 percent of the dominant plant species at the site must be typical of wetlands (i.e., rated as facultative or wetter in the Arid West 2016 Regional Wetland Plant List⁶,⁷);
- * Soils must exhibit physical and/or chemical characteristics indicative of permanent or periodic saturation (e.g., a gleyed color, or mottles with a matrix of low chroma indicating a relatively consistent fluctuation between aerobic and anaerobic conditions); and
- * Whereas the Wetland Manual requires that hydrologic characteristics indicate that the ground is saturated to within 12 inches of the surface for at least five percent of the growing season during a normal rainfall year, the Arid West Supplement does not include a quantitative criteria with the exception for areas with "problematic hydrophytic vegetation", which require a minimum of 14 days of ponding to be considered a wetland.

⁶ Lichvar, R.W., D.L. Banks, W.N. Kirchner, and N.C. Melvin. 2016. Arid West 2016 Regional Wetland Plant List. Phytoneuron 2016-30: 1-17. Published 28 April 2016.

19

⁷ Note the Corps also publishes a National List of Plant Species that Occur in Wetlands (Lichvar, R.W., D.L. Banks, W.N. Kirchner, and N.C. Melvin. 2016. The National Wetland Plant List: 2016 wetland ratings. Phytoneuron 2016-30: 1-17. Published 28 April 2016.); however, the Regional Wetland Plant List should be used for wetland delineations within the Arid West Region.

3.3.2 Regional Water Quality Control Board

The State Water Resource Control Board and each of its nine Regional Boards regulate the discharge of waste (dredged or fill material) into waters of the United States⁸ and waters of the State. Waters of the United States are defined above in Section II.A and waters of the State are defined as "any surface water or groundwater, including saline waters, within the boundaries of the state" (California Water Code 13050[e]).

Section 401 of the CWA requires certification for any federal permit or license authorizing impacts to waters of the U.S. (i.e., waters that are within federal jurisdiction), such as Section 404 of the CWA and Section 10 of the Safe Rivers and Harbors Act, to ensure that the impacts do not violate state water quality standards. When a project could impact waters outside of federal jurisdiction, the Regional Board has the authority under the Porter-Cologne Water Quality Control Act to issue Waste Discharge Requirements (WDRs) to ensure that impacts do not violate state water quality standards. Clean Water Act Section 401 Water Quality Certifications, WDRs, and waivers of WDRs are also referred to as orders or permits.

1. State Wetland Definition

The State Board Wetland Definition and Procedures define an area as wetland as follows: An area is wetland if, under normal circumstances, (1) the area has continuous or recurrent saturation of the upper substrate caused by groundwater, or shallow surface water, or both; (2) the duration of such saturation is sufficient to cause anaerobic conditions in the upper substrate; and (3) the area's vegetation is dominated by hydrophytes or the area lacks vegetation.

The following wetlands are waters of the State:

- 1. Natural wetlands:
- 2. Wetlands created by modification of a surface water of the state; and
- 3. Artificial wetlands ¹⁰ that meet any of the following criteria:

⁸ Therefore, wetlands that meet the current definition, or any historic definition, of waters of the U.S. are waters of the state. In 2000, the State Water Resources Control Board determined that all waters of the U.S. are also waters of the state by regulation, prior to any regulatory or judicial limitations on the federal definition of waters of the U.S. (California Code or Regulations title 23, section 3831(w)). This regulation has remained in effect despite subsequent changes to the federal definition. Therefore, waters of the state includes features that have been determined by the U.S. Environmental Protection Agency (U.S. EPA) or the U.S. Army Corps of Engineers (Corps) to be "waters of the U.S." in an approved jurisdictional determination; "waters of the U.S." identified in an aquatic resource report verified by the Corps upon which a permitting decision was based; and features that are consistent with any current or historic final judicial interpretation of "waters of the U.S." or any current or historic federal regulation defining "waters of the U.S." under the federal Clean Water Act.

⁹ "Created by modification of a surface water of the state" means that the wetland that is being evaluated was created by modifying an area that was a surface water of the state at the time of such modification. It does not include a wetland that is created in a location where a water of the state had existed historically but had already been completely eliminated at some time prior to the creation of the wetland. The wetland being evaluated does not become a water of the state due solely to a diversion of water from a different water of the state.

¹⁰ Artificial wetlands are wetlands that result from human activity.

- a. Approved by an agency as compensatory mitigation for impacts to other waters of the state, except where the approving agency explicitly identifies the mitigation as being of limited duration;
- b. Specifically identified in a water quality control plan as a wetland or other water of the state;
- c. Resulted from historic human activity, is not subject to ongoing operation and maintenance, and has become a relatively permanent part of the natural landscape; or
- d. Greater than or equal to one acre in size, unless the artificial wetland was constructed, and is currently used and maintained, primarily for one or more of the following purposes (i.e., the following artificial wetlands are not waters of the state unless they also satisfy the criteria set forth in 2, 3a, or 3b):
 - i. Industrial or municipal wastewater treatment or disposal,
 - ii. Settling of sediment,
 - iii. Detention, retention, infiltration, or treatment of stormwater runoff and other pollutants or runoff subject to regulation under a municipal, construction, or industrial stormwater permitting program,
 - iv. Treatment of surface waters,
 - v. Agricultural crop irrigation or stock watering,
 - vi. Fire suppression,
 - vii. Industrial processing or cooling,
 - viii. Active surface mining even if the site is managed for interim wetlands functions and values,
 - ix. Log storage,
 - x. Treatment, storage, or distribution of recycled water, or
 - xi. Maximizing groundwater recharge (this does not include wetlands that have incidental groundwater recharge benefits); or

xii. Fields flooded for rice growing. 11

All artificial wetlands that are less than an acre in size and do not satisfy the criteria set forth in 2, 3.a, 3.b, or 3.c are not waters of the state. If an aquatic feature meets the wetland definition, the burden is on the applicant to demonstrate that the wetland is not a water of the state.

¹¹ Fields used for the cultivation of rice (including wild rice) that have not been abandoned due to five consecutive

subject to waste discharge requirements or waivers of such requirements pursuant to the Water Board's authority to issue or waive waste discharge requirements or take other actions as applicable.

years of non-use for the cultivation of rice (including wild rice) that are determined to be a water of the state in accordance with these Procedures shall not have beneficial use designations applied to them through the Water Quality Control Plan for the Sacramento and San Joaquin River Basins, except as otherwise required by federal law for fields that are considered to be waters of the United States. Further, agricultural inputs legally applied to fields used for the cultivation of rice (including wild rice) shall not constitute a discharge of waste to a water of the state. Agricultural inputs that migrate to a surface water or groundwater may be considered a discharge of waste and are

3.3.3 California Department of Fish and Wildlife

Pursuant to Division 2, Chapter 6, Sections 1600-1603 of the California Fish and Game Code, the CDFW regulates all diversions, obstructions, or changes to the natural flow or bed, channel, or bank of any river, stream, or lake, which supports fish or wildlife.

CDFW defines a stream (including creeks and rivers) as "a body of water that flows at least periodically or intermittently through a bed or channel having banks and supports fish or other aquatic life. This includes watercourses having surface or subsurface flow that supports or has supported riparian vegetation." CDFW's definition of "lake" includes "natural lakes or manmade reservoirs." CDFW also defines a stream as "a body of water that flows, or has flowed, over a given course during the historic hydrologic regime, and where the width of its course can reasonably be identified by physical or biological indicators."

It is important to note that the Fish and Game Code defines fish and wildlife to include: all wild animals, birds, plants, fish, amphibians, invertebrates, reptiles, and related ecological communities including the habitat upon which they depend for continued viability (FGC Division 5, Chapter 1, section 45 and Division 2, Chapter 1 section 711.2(a) respectively). Furthermore, Division 2, Chapter 5, Article 6, Section 1600 et seq. of the California Fish and Game Code does not limit jurisdiction to areas defined by specific flow events, seasonal changes in water flow, or presence/absence of vegetation types or communities.

4.0 RESULTS

This section provides the results of general biological surveys, vegetation mapping, habitat assessments and focused surveys for special-status plants and animals, and a jurisdictional delineation for Waters of the United States (including wetlands) subject to the jurisdiction of the Corps and Regional Board, and streams (including riparian vegetation) and lakes subject to the jurisdiction of CDFW.

4.1 Existing Conditions

The Project site is in the foothills of the San Gabriel Mountains, with elevations ranging from approximately 1,300 feet above mean sea level (amsl) to 775 feet amsl. The Project site has a prominent east-west ridgeline in the northern portion of the site with multiple lateral ridgelines that slope steeply to the south. The ridgelines and slopes are vegetated predominately with chaparral (including Scrub Oak Chaparral and a mixed chaparral) and California Buckwheat-California Sagebrush Scrub. Plants associated with the southern mixed chaparral include laurel sumac (*Malosma laurina*), scrub oak (*Quercus berberidifolia*), toyon (*Heteromeles arbutifolia*), hollyleaf redberry (*Rhamnus ilicifolia*), spiny redberry (*Rhamnus crocea*), blue elderberry (*Sambucus nigra* ssp. *caerulea*), bush monkeyflower (*Mimulus aurantiacus*), chamise (*Adenostoma fasciculatum*), chaparral honeysuckle (*Lonicera subspicata*), fragrant sumac (*Rhus aromatica*), lemonadeberry (*Rhus integrifolia*), chaparral yucca (*Hesperoyucca whipplei*), and poison oak (*Toxicodendron diversilobum*). Plants associated with the coastal sage scrub include California buckwheat (*Eriogonum fasciculatum*), coastal sagebrush (*Artemisia californica*),

deerweed (*Acmispon glaber*), black sage (*Salvia mellifera*), white sage (*Salvia apiana*), sawtooth goldenbush (*Hazardia squarrosa*), and coast prickly pear (*Opuntia littoralis*). The chaparral vegetation is the dominant scrub vegetation, with coastal sage scrub in smaller patches or intermixed with the chaparral. Overall, southern mixed chaparral is prominent on the north- and west-facing slopes, with Diegan coastal sage scrub on south- and east-facing slopes. The north-south ridgelines are separated by incised drainage features that drain towards offsite flood-control facilities to the south. The southernmost portion of the site contains a larger drainage feature supporting a riparian woodland dominated by coast live oak (*Quercus agrifolia*) and western sycamore (*Platanus racemosa*). Coast live oak trees also occur throughout the other drainage features and on adjacent slopes. Additional riparian vegetation includes black willow (*Salix gooddingii*) and mulefat (*Baccharis salicifolia*). Adjacent land uses include residential development to the west, south, and southeast; open space to the east (Duarte Wilderness Preserve); and open space to the north, including the Angeles National Forest.

The Specific Plan proposes approximately 86.4 acres of open space Lots, including approximately 60.6 acres to be conserved as Lot L. Although a portion of Lot L will be impacted by remedial grading and fuel modification, the majority will remain undisturbed and in conservation. The majority of the Lot L open space consists of chaparral vegetation dominated by scrub oak, laurel sumac, and other chaparral species described above. The Lot L open space also supports Coast Live Oak Riparian Forest that is associated with Bradbury Canyon. The open space associated with the Bradbury Canyon complex is expected to generally support the same species associated with the development footprint, although due to the presence of intermittent or perennial water sources, Bradbury Canyon would support other species not expected within the development footprint. For example, the coast range newt (*Taricha tarosa*) was observed on one occasion at a waterfall in Bradbury Canyon that would not be expected in the development footprint. Species evaluated within this report for development portion of the Specific Plan are also discussed throughout in the context of the open space.

4.2 <u>Vegetation Mapping</u>

The Study Area contains nine vegetation/land use types, including six native vegetation communities, one community comprising non-native ornamental plantings, and disturbed/developed areas. The native vegetation communities include Coast Live Oak Woodland (Quercus agrifolia Woodland Alliance), Coast Live Oak Riparian Forest, California Sagebrush-California Buckwheat Scrub (Artemisia californica-Eriogonum fasciculatum Shrubland Alliance), Scrub Oak Chaparral (Quercus berberidifolia Shrubland Alliance), Southern Mixed Chaparral (Malosma laurina Shrubland Alliance), and Sycamore/Oak Riparian Forest (Platanus racemosa-Quercus agrifolia Woodland Alliance). The majority of the Lot L Open Space (northern portion of the Specific Plan) was not studied on the same level as the development footprint since these open space areas would not be subject to direct or indirect impacts from the Project. As such, this portion of the open space was generally characterized as Scrub Oak Chaparral/Southern Mixed Chaparral except for Coast Live Oak Riparian Forest associated with Bradbury Canyon. Since the tree inventory performed by Dudek specifically mapped individual scrub oaks within the development footprint, the tree inventory data assisted in the distinct mapping of Scrub Oak Chaparral versus Southern Mixed Chaparral for the development footprint.

The vegetation/land use types for the overall Study Area are summarized in three separate tables. Table 4-1 provides a summary of the vegetation types and their corresponding acreage for the 111.8-acre Specific Plan. Table 4-2 provides vegetation types for the offsite improvement area. Table 4-3 provides vegetation types for the 4.66-acre area that is not a part of the Project but that is surrounded by the Specific Plan (onsite improvements) and the offsite improvement area, and so this area was added to the analysis to address potential indirect impacts. Descriptions of each vegetation type follow the tables. A Vegetation Map is attached as Exhibit 6. Photographs depicting the Project site are shown in Exhibit 5.

Table 4-1. Summary of Vegetation/Land Use Types for the Specific Plan

| | | | FMZ | FMZ | | |
|--------------------------------|-----------|----------|--------|--------|---------|--------|
| Vegetation/Land Use Type | Permanent | Remedial | Zone B | Zone C | Avoided | Total |
| Coast Live Oak Riparian Forest | 0.91 | 1.48 | 0.00 | 0.91 | 7.20 | 10.50 |
| (Quercus agrifolia Woodland | | | | | | |
| Alliance) | | | | | | |
| Coast Live Oak Woodland | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.40 |
| (Quercus agrifolia Woodland | | | | | | |
| Alliance) | | | | | | |
| Disturbed | 1.63 | 0.09 | 0.00 | 0.00 | 0.39 | 2.12 |
| Scrub Oak Chaparral | 27.48 | 4.12 | 0.20 | 1.47 | 2.24 | 35.53 |
| (Quercus berberidifolia | | | | | | |
| Shrubland Alliance) | | | | | | |
| Scrub Oak Chaparral/ | 0.00 | 0.00 | 0.00 | 0.00 | 41.34 | 41.34 |
| Southern Mixed Chaparral | | | | | | |
| Southern Mixed Chaparral | 7.59 | 3.98 | 0.17 | 0.41 | 9.70 | 21.85 |
| (Malosma laurina Shrubland | | | | | | |
| Alliance) | | | | | | |
| California Sycamore/Coast | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.04 |
| Live Oak Woodland | | | | | | |
| (Platanus racemosa-Quercus | | | | | | |
| agrifolia Woodland Alliance) | | | | | | |
| Total | 37.63 | 9.71 | 0.38 | 2.79 | 61.27 | 111.77 |

Table 4-2. Summary of Vegetation/Land Use Types for the Offsite Improvement Area

| | | | FMZ | FMZ | |
|------------------------------|-----------|----------|--------|--------|-------|
| Vegetation/Land Use Type | Permanent | Remedial | Zone B | Zone C | Total |
| Coast Live Oak Woodland | | | | | |
| (Quercus agrifolia Woodland | | | | | |
| Alliance) | 0.20 | 0.96 | 0.00 | 0.00 | 1.16 |
| California Sagebrush- | | | | | |
| California Buckwheat Scrub | | | | | |
| (Artemisia californica- | | | | | |
| Eriogonum fasciculatum | | | | | |
| Shrubland Alliance) | 0.42 | 0.97 | 0.00 | 0.00 | 1.40 |
| Developed | 3.55 | 2.44 | 0.06 | 0.87 | 6.92 |
| Disturbed | 0.00 | 0.07 | 0.00 | 0.10 | 0.17 |
| Ornamental | 0.32 | 0.65 | 0.00 | 0.00 | 0.97 |
| Scrub Oak Chaparral | | | | | |
| (Quercus berberidifolia | | | | | |
| Shrubland Alliance) | 3.03 | 2.51 | 0.06 | 0.21 | 5.80 |
| Southern Mixed Chaparral | | | | | |
| (Malosma laurina Shrubland | | | | | |
| Alliance) | 0.79 | 1.30 | 0.19 | 1.96 | 4.24 |
| California Sycamore/Coast | | | | | |
| Live Oak Woodland | | | | | |
| (Platanus racemosa-Quercus | | | | | |
| agrifolia Woodland Alliance) | 1.19 | 0.97 | 0.00 | 0.00 | 2.17 |
| Total | 9.51 | 9.87 | 0.31 | 3.15 | 22.83 |

Table 4-3. Summary of Vegetation/Land Use Types for the "Not a Part" Area

| Vegetation/Land Use Type | Acreage |
|----------------------------|---------|
| California Sagebrush- | |
| California Buckwheat Scrub | |
| (Artemisia californica- | |
| Eriogonum fasciculatum | |
| Shrubland Alliance) | 0.35 |
| Developed | 1.61 |
| Scrub Oak Chaparral | |
| (Quercus berberidifolia | |
| Shrubland Alliance) | 0.19 |
| Southern Mixed Chaparral | |
| (Malosma laurina Shrubland | |
| Alliance) | 2.51 |
| Total | 4.66 |

Coast Live Oak Riparian Forest

Approximately 10.50 acres of Study Area (entirely within the Specific Plan) is comprised of the *Quercus agrifolia* Woodland Alliance (Coast Live Oak Woodland) as described in MCVII, but that is associated with the channel terraces and slopes of Bradbury Canyon, and so is specifically designated here is a riparian community (Coast Live Oak Riparian Forest) distinct from upland Coast Like Oak Woodland, which is derived from a Holland designation. As with the upland equivalent, the Coast Like Oak Riparian Forest is dominated by coast live oak (*Q. agrifolia*).

Coast Live Oak Woodland

Approximately 1.56 acres of the Study Area is comprised of the *Quercus agrifolia* Woodland Alliance (Coast Live Oak Woodland), as described in MCVII, in which coast live oak (*Q. agrifolia*) is the dominant tree species in the community. Approximately 0.40 acre of Coast Live Oak Woodland is associated with the Specific Plan, with another 1.16 acres associated with the offsite improvement areas, including the slopes of the adjacent property bordering the Flood Control access roads.

California Sagebrush-California Buckwheat Scrub

Approximately 1.75 acres of the Study Area is comprised of a shrubland alliance dominated by California sagebrush (*Artemisia californica*) and California buckwheat (*Eriogonum fasciculatum*), as described in MCVII, including 1.40 acres associated with the offsite improvement areas (on a slope adjacent to the access road and Flood Control facility), and 0.35 acre associated with the "not a part" area. California sagebrush and California buckwheat are also present throughout the site, interspersed in the Scrub Oak Chaparral and Southern Mixed Chaparral communities. Additional scrub species associated with the shrubland alliance or otherwise occurring at the site, includes deerweed (*Acmispon glaber*), black sage (*Salvia mellifera*), white sage (*Salvia apiana*), sawtooth goldenbush (*Hazardia squarrosa*), and coast prickly pear (*Opuntia littoralis*).

Developed

Approximately 8.53 acres of the Study Area is developed, including 6.92 acres within the offsite improvement areas and 1.61 acres within the "not a part" area. Developed areas consist of existing Flood Control facilities, including debris basins and access roads, as well as other related facilities.

Disturbed

Approximately 2.29 acres of the Study Area is disturbed, primarily consisting of a dirt access road/fire break that follows the primary ridge along the northern edge of the development footprint. Although this area is generally unvegetated due to periodic maintenance of the access, the area does become intermittently vegetated with non-native, weedy species such as black mustard (*Brassica nigra*) and tocalote (*Centaurea melitensis*). Approximately 2.12 acres of the disturbed areas are in the Specific Plan, with 0.17 acre associated with the offsite improvement area.

Ornamental

Approximately 0.97 acre of the Study Area (entirely within the offsite improvement area) consists of areas along the existing access road that have been planted with non-native, ornamental tree species. Examples include Aleppo pine (*Pinus halepensis*), Afghan pine (*Pinus eldarica*), Peruvian pepper (*Schinus molle*), Italian cypress (*Cupressus sempervirens*), American sweetgum (*Liquidambar styraciflua*), Canary Island pine (*Pinus canariensis*), Santa Rosa plum (*Prunus salicina*), Pittosporum (*Pittosporum* sp.), silk oak (*Grivellia robusta*), southern live oak (*Quercus virginiana*), river red gum (*Eucalyptus camaldulensis*), and ash (*Fraxinus* sp.).

Scrub Oak Chaparral

Approximately 41.52 acres of the Study Area has been designated specifically as the *Quercus* berberidifolia Shrubland Alliance (Scrub Oak Chaparral), as described in MCVII, including 35.53 acres of the Specific Plan, 5.80 acres of the offsite improvement area, and 0.19 acre of the "not a part" area. As is discussed below, approximately 41.34 acres of the northern portion of the Specific Plan (Lot L Open Space) has been characterized in this report as a combination of Scrub Oak Chaparral and Southern Mixed Chaparral since the northern open space did not necessitate being mapped with the same level of detail as the development footprint. Altogether, approximately 88 percent of the Specific Plan (80 percent of the overall Study Area) is dominated by shrubs associated with chaparral vegetation communities, with California scrub oak (Q. berberidifolia) being a primary component. Scrub Oak Chaparral and Mixed Chaparral are the dominant vegetation communities on the slopes and ridges of the Project site. In areas identified as Scrub Oak Chaparral, California scrub oak is the dominant species in the shrub layer. Other shrubs species occurring in relatively smaller densities include laurel sumac (Malosma laurina), toyon (Heteromeles arbutifolia), hollyleaf redberry (Rhamnus ilicifolia), spiny redberry (Rhamnus crocea), blue elderberry (Sambucus nigra ssp. caerulea), bush monkeyflower (Mimulus aurantiacus), chamise (Adenostoma fasciculatum), fragrant sumac (Rhus aromatica), lemonadeberry (Rhus integrifolia), and chaparral yucca (Hesperoyucca whipplei).

Southern Mixed Chaparral

Approximately 28.60 acres of the Study Area is described here as Southern Mixed Chaparral, including 21.85 acres of the Specific Plan, 4.24 acres of the offsite improvement area, and 2.51 acres of the "not a part" area. Within the Study Area, this vegetation community is dominated by laurel sumac. MCVII includes a Laurel Sumac Scrub Alliance that describes a community dominated by laurel sumac, or co-dominant with other chaparral species such as toyon, chamise, and hollyleaf redberry. However, since the chaparral mapped for the Study Area is best represented by a mix of chaparral shrubs, including laurel sumac as a dominant, then it appropriate to designate the community as Southern Mixed Chaparral, which is derived from Holland. Characteristic species include California scrub oak, laurel sumac, toyon and chamise. Other representative species include hollyleaf redberry, spiny redberry, blue elderberry, fragrant sumac, poison oak (*Toxicodendron diversilobum*), lemonadeberry, and chaparral yucca. As discussed above, Scrub Oak Chaparral is the dominant vegetation community within the Study Area, and California scrub oak is the most abundant tree/shrub species at the site.

Scrub Oak Chaparral/Southern Mixed Chaparral

As discussed above, approximately 41.52 acres and 28.60 acres of the Study Area have been specifically characterized as Scrub Oak Chaparral and Southern Mixed Chaparral, respectively. In addition, the northern portion of the Specific Plan (Lot L Open Space) contains approximately 41.34 acres of chaparral communities that did not necessitate the same level of detail in mapping as the development footprint. As such, these areas are generally characterized as supporting scrub oak and other chaparral shrubs as dominant species.

California Sycamore/Coast Live Oak Woodland

Approximately 2.21 acres of the Study Area consists of a riparian woodland comprised of California sycamore (*Platanus racemosa*) and coast live oak, including 0.04 acre of the Specific Plan and 2.17 acres of the offsite improvement areas. This vegetation community best fits into the *Platanus racemosa* Woodland Alliance, except that it has an equally dominant oak woodland component, and since this vegetation community is associated with a stream, the two dominant species are combined here as one riparian alliance.

4.3 Special-Status Vegetation Communities

The CNDDB identifies the following special-status vegetation communities for the Azusa quadrangle maps, and surrounding quadrangles: Canyon Live Oak Ravine Forest, Open Englemann Oak Woodland, Riversidian Alluvial Fan Sage Scrub, Southern California Arroyo Chub/Santa Ana Sucker Stream, Southern Coast Live Oak Riparian Forest, and Southern Sycamore Alder Riparian Woodland. The Study Area contains approximately 2.21 acres of California Sycamore/Coast Live Oak Woodland occurring in a riparian setting. In addition, approximately 10.50 acres of Coast Live Oak Riparian Forest is associated with Bradbury Canyon. All riparian habitats are considered special status. The Study Area does not support any other special-status vegetation communities.

4.4 **Special-Status Plants**

One special-status plant species (Englemann oak, *Quercus englemannii*) was detected at the Project site. Table 4-4 provides a list of special-status plants evaluated for the Study Area through general biological surveys, habitat assessments, and focused surveys. Species were evaluated based on the following factors: 1) species identified by the CNDDB and CNPS as occurring (either currently or historically) on or in the vicinity of the Study Area, and 2) any other special-status plants that are known to occur within the vicinity of the Project site, or for which potentially suitable habitat occurs within the site. The table includes habitat requirement information for each species as well as the elevation range and blooming period for each species. Since the Study Area is located on the lower edge of the San Gabriel Mountains, the table includes a number of species based on the CNDDB/CNPS review that are located at higher elevations and are associated with montane habitats that are not represented within the Study Area. As a function of occurrence at higher elevations, those species have later blooming periods (summer months), whereas the species with a potential for occurrence within the Study Area have blooming periods concentrating in the early spring to early summer. As such the timing of the focused surveys was appropriate relative to the species with the potential to occur.

Table 4-4. Special-Status Plants Evaluated for the Project Site

| Species Name | Status | Species Information | Occurrence |
|--------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Abrams' alumroot Heuchera abramsii | Federal: None State: None CNPS: Rank 4.3 | Habitat Requirements: Upper montane coniferous forest (rocky). Elevation 2800 to 3500 meters. Blooming Period: July to August | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| Alkali mariposa-lily Calochortus striatus | Federal: None State: None CNPS: Rank 1B.2 | Habitat Requirements: Alkaline and mesic soils in chaparral, chenopod scrub, Mojavean desert scrub, meadows and seeps. Elevation 70 to 1595 meters. Blooming Period: April to June | Not detected during focused surveys. The Project site is located within the elevation range of the species but generally does not exhibit the soil types/habitats where the species would be expected. |
| Alpine sulphur- flowered buckwheat Eriogonum umbellatum var. minus | Federal: None State: None CNPS: Rank 4.3 | Habitat Requirements: Gravelly soils in subalpine coniferous forest and upper montane coniferous forest. Elevation 1800 to 3068 meters. Blooming Period: June to September. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| Bluish spike-moss Selaginella asprella | Federal: None State: None CNPS: Rank 4.3 | Habitat Requirements: Granitic and rocky soils in cismontane woodland, lower montane coniferous forest, pinyon and juniper woodland, subalpine coniferous forest, and upper montane coniferous forest. Elevation 1600 to 2700 meters Blooming Period: July | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| Brand's star phacelia Phacelia stellaris | Federal: None State: None CNPS: Rank 1B.1 | Habitat Requirements: Coastal dunes and coastal sage scrub. Elevation 1 to 400 meters. Blooming Period: March to June | Not detected during focused surveys, and generally not expected to occur due to a lack of suitable habitat. |

| Species Name | Status | Species Information | Occurrence |
|----------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Braunton's milkvetch Astragalus brauntonii | Federal: FE State: None CNPS: Rank 1B.1 | Habitat Requirements: Closed-cone coniferous forest, chaparral, coastal sage scrub, valley and foothill grassland. Usually carbonate soils. Recent burn or disturbed areas. Elevation 4 to 640 meters. Blooming Period: | Not detected during focused surveys. |
| California androsace Androsace elongata ssp. acuta | Federal: None State: None CNPS: Rank 4.2 | January to August Habitat Requirements: Chaparral, cismontane woodland, coastal scrub, meadows and seeps, pinyon and juniper woodland, valley and foothill grassland. Elevation 150 to 1305 meters. Blooming Period: | Not detected during focused surveys. |
| California muhly Muhlenbergia californica | Federal: None State: None CNPS: Rank 4.3 | March to June Habitat Requirements: Mesic habitats, including seeps and streambanks, in chaparral, coastal scrub, lower montane coniferous forest, and meadows. Elevation 100 to 2000 meters. Blooming Period: | Not detected during focused surveys. |
| California satintail Imperata brevifolia | Federal: None State: None CNPS: Rank 2B.1 | June to September Habitat Requirements: Mesic soils in chaparral, coastal scrub, Mojavean desert scrub, meadows and seeps (often alkali), and riparian scrub. Elevation 0 to 1215 meters. Blooming Period: | Not detected during focused surveys. |
| California saw-grass Cladium californicum | Federal: None State: None CNPS: Rank 2B.2 | September to May Habitat Requirements: Meadows and seeps, and alkaline or freshwater marshes and swamps. Elevation 60 to 1600 meters. Blooming Period: June to September | Not detected during focused surveys. |

| Species Name | Status | Species Information | Occurrence |
|-------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Catalina mariposa lily Calochortus catalinae | Federal: None State: None CNPS: Rank 4.2 | Habitat Requirements: Chaparral, cismontane woodland, coastal sage scrub, valley and foothill grassland. Elevation 15 to 700 meters. Blooming Period: March to June | Not detected during focused surveys. |
| Chaparral ragwort Senecio aphanactis | Federal: None State: None CNPS: Rank 2B.2 | Habitat Requirements: Chaparral, cismontane woodland, coastal scrub. Sometimes associated with alkaline soils. Elevation 15 to 800 meters. Blooming Period: | Not detected during focused surveys. |
| Chickweed oxytheca Sidotheca caryophylloides | Federal: None State: None CNPS: Rank 4.3 | January to May Habitat Requirements: Sandy soils in lower montane coniferous forest. Elevation 1114 to 2600 meters. Blooming Period: July to October | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| Coulter's goldfields Lasthenia glabrata ssp. coulteri | Federal: None State: None CNPS: Rank 1B.1 | Habitat Requirements: Playas, vernal pools, marshes and swamps (coastal salt). Elevation 1 to 1220 meters. Blooming Period: | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat. |
| Coulter's matilija poppy Romneya coulteri | Federal: None State: None CNPS: Rank 4.2 | February to June Habitat Requirements: Often in burns in chaparral and coastal scrub. Elevation 20 to 1200 meters. Blooming Period: March to August | Not detected during focused surveys. |
| Duran's rush Juncus duranii | Federal: None State: None CNPS: Rank 4.3 | Habitat Requirements: Mesic soils in lower and upper montane coniferous forests, meadows and seeps. Elevation 1768 to 2804 meters. Blooming Period: July to August | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |

| Species Name | Status | Species Information | Occurrence |
|---------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Engelmann oak Quercus engelmannii | Federal: None State: None CNPS: Rank 4.2 | Habitat Requirements: Chaparral, cismontane woodland, riparian woodland, valley and foothill grassland. Elevation 50 to 1300 meters. | Present. One Englemann oak individual was mapped during the tree inventory. |
| Ewan's (woodbeauty) | Federal: None | Blooming Period: March to June Habitat Requirements: | Not detected during |
| cinquefoil Drymocallis cuneifolia var. ewanii | State: None CNPS: Rank 1B.3 | Lower montane coniferous forest (near seeps and springs), meadows and seeps. Elevation 1900 to 2400 meters. | focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| | | Blooming Period: June to July | |
| Fragrant pitcher sage Lepechinia fragrans | Federal: None State: None CNPS: Rank 4.2 | Habitat Requirements: Chaparral. Elevation 20 to 1310 meters. | Not detected during focused surveys. |
| | | Blooming Period: March to October | |
| Gray monardella Monardella asutralis ssp. cinerea | Federal: None State: None CNPS: Rank 4.3 | Habitat Requirements: Lower montane coniferous forest, Subalpine coniferous forest, Upper montane coniferous forest. Elevation 1800 to 1350 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| | | Blooming Period: July to August | |
| Greata's aster Symphyotrichum greatae | Federal: None State: None CNPS: Rank 1B.3 | Habitat Requirements: Mesic soils in broadleaf upland forest, chaparral, cismontane woodland, lower montane coniferous forest, and riparian woodland. Elevation 300 to 2010 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| | | Blooming Period: June to October. | |
| Grey-leaved violet Viola pinetorum var. grisea | Federal: None State: None CNPS: Rank 1B.2 | Habitat Requirements: Meadows and seeps, subalpine coniferous forest, and upper montane coniferous forest. Elevation 1500 to 3400 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| | | Blooming Period: April to July | |

| Species Name | Status | Species Information | Occurrence |
|-------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Hot springs fimbristylis Fimbristylis | Federal: None State: None CNPS: Rank 2B.2 | Habitat Requirements: Meadows and seeps (alkaline, near hot springs). Elevation | Not detected during focused surveys, and not expected to occur due to a |
| thermalis | | 110 to 1340 meters. Blooming Period: July to September | lack of suitable habitat. |
| Hubby's phacelia | Federal: None | Habitat Requirements: | Not detected during |
| Phacelia hubbyi | State: None CNPS: Rank 4.2 | Gravelly, rocky, and talus soils in chaparral, coastal scrub, and valley and foothill grassland. Elevation 0 to 1000 meters. | focused surveys. |
| | | Blooming Period: | |
| T . 1 1 1 1 1 | E 1 1 M | April to July | N . 1 1 1 . |
| Interior bush lupine Lupinus excubitus var. johnstonii | Federal: None State: None CNPS: Rank 4.3 | Habitat Requirements: Decomposed granitic soil. Chaparral, Lower montane coniferous forest. Elevation 1500 to 2500 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| | | Blooming Period: May to July | |
| Interior manzanita | Federal: None | Habitat Requirements: | Not detected during |
| Arctostaphylos | State: None | Montane chaparral and | focused surveys, and not |
| parryana ssp. | CNPS: Rank 4.3 | cismontane woodland. | expected to occur due to a lack of suitable habitat and |
| tumescens | | Elevation 2100 to 2310 meters. | the elevation range of the species. |
| | | Blooming Period: | |
| | | February to April | |
| Intermediate mariposa-lily Calochortus weedii var. intermedius | Federal: None State: None CNPS: Rank 1B.2 | Habitat Requirements: Rocky soils in chaparral, coastal sage scrub, valley and foothill grassland. Elevation 105 to 855 meters. | Not detected during focused surveys. |
| | | Blooming Period: May to July | |
| Jepson's bedstraw Galium jepsonii | Federal: None State: None CNPS: Rank 4.3 | Habitat Requirements: Granitic, rocky or gravelly soil. Lower montane coniferous forest, Upper montane coniferous forest. Elevation 1540 to 2500 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| | | Blooming Period: July to August | |

| Species Name | Status | Species Information | Occurrence |
|----------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Johnston's bedstraw Galium johnstonii | Federal: None State: None CNPS: Rank 4.3 | Habitat Requirements: Chaparral, lower montane coniferous forest, pinyon and juniper woodland, riparian woodland. Elevation 1220 to 2300 meters. Blooming Period: | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| Johnston's monkeyflower Diplacus (Mimulus) johnstonii | Federal: None State: None CNPS: Rank 4.3 | June to July Habitat Requirements: Lower montane coniferous forest (scree, disturbed areas, rocky or gravelly soil, roadsides). Elevation 975 to 2920 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| Lemon lily Lilium parryi | Federal: None State: None CNPS: Rank 1B.2 | Blooming Period: April to August Habitat Requirements: Mesic soils in lower montane coniferous forest, meadows and seeps, riparian forest, and upper montane coniferous forest. Elevation 1220 to 2745 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| Many-stemmed dudleya Dudleya multicaulis | Federal: None State: None CNPS: Rank 1B.2 | Blooming Period: July to August Habitat Requirements: Chaparral, coastal sage scrub, valley and foothill grassland. Often occurring in clay soils. Elevation 15 to 790 meters. | Not detected during focused surveys. |
| Mesa horkelia Horkelia cuneata var. puberula | Federal: None State: None CNPS: Rank 1B.1 | Blooming Period: April to July Habitat Requirements: Sandy or gravelly soils in chaparral (maritime), cismontane woodland, and coastal scrub. Elevation 70 to 810 meters. | Not detected during focused surveys. |
| Mojave paintbrush Castilleja plagiotoma | Federal: None State: None CNPS: Rank 4.3 | Blooming Period: February to September Habitat Requirements: Great basin scrub (alluvial), Joshua tree woodland, Lower montane coniferous forest, Pinyon and juniper woodland. Elevation 300 to 2500 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| | | Blooming Period: April to June | |

| Species Name | Status | Species Information | Occurrence |
|----------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Mojave phacelia Phacelia mohavensis | Federal: None State: None CNPS: Rank 4.3 | Habitat Requirements: Sandy or gravelly soils in cismontane woodland, lower montane coniferous forests, meadows and seeps, pinyon and juniper woodland. Elevation 1400 to 2500 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| Monkey-flower savory | Federal: None State: None CNPS: Rank 4.2 | Blooming Period: April to August Habitat Requirements: Streambanks, mesic soils. | Not detected during focused surveys, and not |
| Clinopodium mimuloides | CNPS: Rank 4.2 | Chaparral, North coast coniferous forest. Elevation 305 to 1800 meters. Blooming Period: | expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| | | June to October | |
| Mount Gleason | Federal: None | Habitat Requirements: | Not detected during |
| paintbrush | State: Rare | Granitic soils in chaparral, | focused surveys, and not |
| Castilleja gleasoni | CNPS: Rank 1B.2 | lower montane coniferous | expected to occur due to a |
| | | forest, and pinyon and juniper | lack of suitable habitat and |
| | | woodland. Elevation 665 to 2170 meters. | the elevation range of the species. |
| | | Blooming Period: May to September | |
| Nevin's barberry | Federal: FE | Habitat Requirements: | Not detected during |
| Berberis nevinii | State: SE | Sandy or gravelly soils in | focused surveys. |
| | CNPS: Rank 1B.1 | chaparral, cismontane | |
| | | woodland, coastal scrub, and | |
| | | riparian scrub. Elevation 70 to | |
| | | 825 meters. | |
| | | Blooming Period: | |
| | | February to June | |
| Ocellated Humboldt | Federal: None | Habitat Requirements: | Not detected during |
| lily | State: None | Chaparral, cismontane | focused surveys. |
| Lilium humboldtii | CNPS: Rank 4.2 | woodland, coastal sage scrub, lower montane coniferous | |
| ssp. ocellatum | | forest, riparian woodland. | |
| | | Occurring in openings. | |
| | | Elevation 30 to 1800 meters. | |
| | | Blooming Period: | |
| | | March to August | |

| Palmar monkeyflower Erythranthe (Mimulus) diffusa Parish's gooseberry Ribes divaricatum var. parishii Parish's oxytheca Acanthoscyphus parishii var. parishii Parish's rupertia Rupertia rigida Palmark (Nee Cando count of the | Species Name | Status | Species Information | Occurrence |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Palmer's mariposa lily | | State: None | Openings in chaparral, lower montane coniferous forest, and pinyon and juniper woodland. Elevation 915 to 2145 meters. Blooming Period: | |
| Palomar monkeyflower Erythranthe (Mimulus) diffusa Parish's gooseberry Ribes divaricatum var. parishii Parish's oxytheca Acanthoscyphus parishii var. parishii Parish's rupertia Rupertia rigida Parish's rupertia Rupertia rigida Parish's rupertia Rupertia rigida Parish's rupertia Rupertia rigida Parish's nupertia Rupertia rigida Pederal: None State: None CNPS: Rank 4.3 Parish's rupertia Rupertia Rupertia rigida Parish's nupertia Rupertia Rupertia Rupertia Rupertia rigida Parish's nupertia Rupertia Ruper | lily Calochortus palmeri | State: None | Habitat Requirements: Mesic soils in chaparral, lower montane coniferous forest, and meadows and seeps. Elevation 710 to 2390 meters Blooming Period: | focused surveys, and not expected to occur due to a lack of suitable habitat at the elevation range of the |
| Parish's gooseberry Ribes divaricatum var. parishii Parishis oxytheca Acanthoscyphus parishii var. parishii Parish's rupertia Rupertia rigida Parish's rupertia Rupertia rigida Parish's rupertia Rupertia rigida Parish's rupertia Rupertia rigida Parish's var. Parishii Parish's rupertia Rupertia rigida Parish's rupertia Riparian woodland. Elevation Sandy or gravelly soils in chaparral and lower montane coniferous forest. Elevation 1220 to 2600 meters. Blooming Period: June to September Habitat Requirements: Chaparral, cismontane woodland, lower montane coniferous forest, meadows and seeps, pebble (pavement) plain, valley and foothill grassland. Elevation 700 to 2500 meters. | monkeyflower Erythranthe | State: None | Habitat Requirements: Sandy or gravelly soils in chaparral, lower montane coniferous forest. Elevation 1220 to 1830 meters. Blooming Period: | focused surveys, and not expected to occur due to a lack of suitable habitat at the elevation range of the |
| Parish's oxytheca Acanthoscyphus parishii var. parishii Parishii var. parishii Parishii var. parishii CNPS: Rank 4.2 Blooming Period: June to September Parish's rupertia Rupertia rigida Federal: None CNPS: Rank 4.3 Federal: None CNPS: Rank 4.2 Blooming Period: June to September Habitat Requirements: Chaparral, cismontane coniferous forest, meadows and seeps, pebble (pavement) plain, valley and foothill grassland. Elevation 700 to 2500 meters. Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat at the elevation range of the species. | Ribes divaricatum | State: None | Habitat Requirements: Riparian woodland. Elevation 65 to 300 meters. Blooming Period: | |
| Parish's rupertia Rupertia rigida Federal: None State: None CNPS: Rank 4.3 CNPS: Rank 4.3 State: None State: None State: None CNPS: Rank 4.3 State: None State: N | Acanthoscyphus | State: None | Habitat Requirements: Sandy or gravelly soils in chaparral and lower montane coniferous forest. Elevation 1220 to 2600 meters. Blooming Period: | focused surveys, and not expected to occur due to a lack of suitable habitat at the elevation range of the |
| KIMMING PARIMI | | State: None | Habitat Requirements: Chaparral, cismontane woodland, lower montane coniferous forest, meadows and seeps, pebble (pavement) plain, valley and foothill grassland. Elevation 700 to | focused surveys, and not expected to occur due to a lack of suitable habitat at the elevation range of the |

| Species Name | Status | Species Information | Occurrence |
|----------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Parry's spineflower Chorizanthe parryi var. parryi | Federal: None State: None CNPS: Rank 1B.1 | Habitat Requirements: Sandy or rocky soils in open habitats of chaparral and coastal sage scrub. Elevation 275 to 1220 meters. | Not detected during focused surveys. |
| | | Blooming Period: April to June | |
| Peirson's Iupine Lupinus peirsonii | Federal: None State: None CNPS: Rank 1B.3 | Habitat Requirements: Gravelly or rocky soils in Joshua tree woodland, pinyon and juniper woodland, and lower and upper montane coniferous forest. Elevation 1000 to 2500 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| | | Blooming Period: April to June | |
| Peirson's spring beauty Claytonia lanceolata var. peirsonii | Federal: None State: None CNPS: Rank 3.1 | Habitat Requirements: In scree within subalpine and upper montane coniferous forest. Elevation 1510 to 2745 meters. | Not detected during focused surveys. |
| | | Blooming Period: March to June | |
| Peruvian dodder Cuscuta obtusiflora var. glandulosa | Federal: None State: None CNPS: Rank 2B.2 | Habitat Requirements: Marshes and swamps (freshwater). Annual vine (parasitic). Elevation 15 to 280 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat. |
| | | Blooming Period: July to October. | |
| Pine fritillary Fritillaria pinetorum | Federal: None State: None CNPS: Rank 4.3 | Habitat Requirements: Granitic or metamorphic soils in chaparral, lower and upper montane coniferous forests, pinyon and juniper woodland, and subalpine coniferous forest. Elevation 1735 to 3300 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| | | Blooming Period: May to September | |
| Pine green-gentian Frasera neglecta | Federal: None State: None CNPS: Rank 4.3 | Habitat Requirements: Lower montane coniferous forest, Pinyon and juniper woodland, Upper montane coniferous forest. Elevation 1400 to 2500 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| | | Blooming Period: May to July | |

| Species Name | Status | Species Information | Occurrence |
|----------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Plummer's mariposa lily Calochortus plummerae | Federal: None State: None CNPS: Rank 4.2 | Habitat Requirements: Granitic, rock soils within chaparral, cismontane woodland, coastal sage scrub, lower montane coniferous forest, valley and foothill grassland. Elevation 100 to 1700 meters. Blooming Period: | Not detected during focused surveys. |
| | | May to July | |
| Robbins' nemacladus Nemacladus secundiflorus var. robbinsii | Federal: None State: None CNPS: Rank 1B.2 | Habitat Requirements: Openings in chaparral and valley and foothill grassland. Elevation 350 to 1700 meters. Blooming Period: April to June | Not detected during focused surveys. |
| Robinson's pepper | Federal: None | Habitat Requirements: | Not detected during |
| grass Lepidium virginicum var. robinsonii | State: None CNPS: Rank 4.3 | Chaparral, coastal sage scrub. Elevation 1 to 885 meters. | focused surveys. |
| vai. roomsom | | Blooming Period: January to July | |
| Rock Creek | Federal: None | Habitat Requirements: | Not detected during |
| broomrape Orobanche valida ssp. valida | State: None CNPS: Rank 1B.2 | Granitic soils in chaparral, pinyon and juniper woodland. Elevation 1250 to 2000 meters. | focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| | | Blooming Period: | |
| San Antonio Canyon bedstraw Galium angustifolium ssp. gabrielense | Federal: None State: None CNPS: Rank 4.3 | May to September Habitat Requirements: Granitic, sandy, or rocky soils in chaparral and lower montane coniferous forests. Elevation 1200 to 2650 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| | | Blooming Period: April to August | |
| San Bernardino aster Symphyotrichum defoliatum | Federal: None State: None CNPS: Rank 1B.2 | Habitat Requirements: Cismontane woodland, coastal scrub, lower montane coniferous forest, meadows and seeps, marshes and swamps, valley and foothill grassland (vernally mesic). Elevation 2 to 2040 meters. | Not detected during focused surveys. |
| | | Blooming Period: July to December | |

| Species Name | Status | Species Information | Occurrence |
|-------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| San Bernardino grass-of Parnassus Parnassia cirrata var. cirrata | Federal: None State: None CNPS: Rank 1B.3 | Habitat Requirements: Mesic, stream sides, sometimes calcareous. Lower montane coniferous forest, meadows and seeps, upper montane coniferous forest. Elevation 1250 to 2440 meters. Blooming Period: August to September | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| San Fernando Valley spineflower Chorizanthe parryi var. fernandina | Federal: Candidate State: SE CNPS: Rank 1B.1 | Habitat Requirements: Coastal sage scrub, occurring on sandy soils. Elevation 150 to 1220 meters. Blooming Period: April to July | Not detected during focused surveys. |
| San Gabriel bedstraw Galium grande | Federal: None State: None CNPS: Rank 1B.2 | Habitat Requirements: Broadleaf upland forest, chaparral, cismontane woodland, and lower montane coniferous forest. Elevation 425 to 1500 meters. Blooming Period: January to July | Not detected during focused surveys. |
| San Gabriel linanthus Linanthus concinnus | Federal: None State: None CNPS: Rank 1B.2 | Habitat Requirements: Rocky soils and openings in chaparral, lower and upper montane coniferous forests. Elevation 1520 to 2800 meters. Blooming Period: April to July | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| San Gabriel manzanita Arctostaphylos glandulosa ssp. gabrielensis | Federal: None State: None CNPS: Rank 1B.2 | Habitat Requirements: Chaparral (rocky). Elevation 595 to 1500 meters. Blooming Period: March | Not detected during focused surveys. |
| San Gabriel Mountains dudleya Dudleya densiflora | Federal: None State: None CNPS: Rank 1B.1 | Habitat Requirements: Chaparral, coastal sage scrub, lower montane coniferous forest. Occurring on granitic soils, cliffs, and canyon walls. Elevation 244 to 610 meters. Blooming Period: March to June | Not detected during focused surveys. |

| Species Name | Status | Species Information | Occurrence |
|---------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| San Gabriel Mountains hulsea (sunflower) Hulsea vestita ssp. gabrielensis | Federal: None State: None CNPS: Rank 4.3 | Habitat Requirements: Rocky soils in lower and upper montane coniferous forest. Elevation 1500 to 2500 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| | | Blooming Period: May to July | |
| San Gabriel oak Quercus durata var. gabrielensis | Federal: None State: None CNPS: Rank 4.2 | Habitat Requirements: Chaparral, cismontane woodland. Elevation 450 to 1000 meters. | Not detected during focused surveys. |
| | | Blooming Period: | |
| San Gabriel ragwort Senecio astephanus | Federal: None State: None CNPS: Rank 4.3 | April to May Habitat Requirements: Rocky slopes, coastal bluff scrub, chaparral. Elevation 400 to 1500 meters. | Not detected during focused surveys. |
| | | Blooming Period: May to July | |
| San Gabriel River dudleya Dudleya cymosa ssp. crebrifolia | Federal: None State: None CNPS: Rank 1B.2 | Habitat Requirements: Chaparral, on granitic soils. Elevation 275 to 457 meters. | Not detected during focused surveys. |
| | | Blooming Period: April to July | |
| San Jacinto Mountains daisy Erigeron breweri var. jacinteus | Federal: None State: None CNPS: Rank 4.3 | Habitat Requirements: Rocky soils in subalpine coniferous forest and upper montane coniferous forest. Elevation 2700 to 2900 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| | | Blooming Period: June to September | |
| Scalloped moonwort Botrychium crenulatum | Federal: None State: None CNPS: Rank 2B.2 | Habitat Requirements: Bogs and fens, lower and upper montane coniferous forest, meadows and seeps, marshes and swamps (freshwater). Elevation 1268 to 3280 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| | | Blooming Period: June to September | |

| Species Name | Status | Species Information | Occurrence |
|-------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Short-joint beavertail <i>Opuntia basilaris</i> var. <i>brachyclada</i> | Federal: None State: None CNPS: Rank 1B.2 | Habitat Requirements: Chaparral, Joshua tree woodland, Mojavean desert scrub, and pinyon and juniper woodland. Elevation 425 to 1800 meters. | Not detected during focused surveys. |
| | | Blooming Period: April to August | |
| Silky lupine Lupinus elatus | Federal: None State: None CNPS: Rank 4.3 | Habitat Requirements: Lower and upper montane coniferous forest. Elevation 1500 to 3000 meters. Blooming Period: May to August | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| Slender mariposa lily Calochortus clavatus var. gracilis | Federal: None State: None CNPS: Rank 1B.2 | Habitat Requirements: Chaparral and coastal sage scrub. Elevation 320 to 1000 meters. Blooming Period: | Not detected during focused surveys. |
| Slender silver moss Anomobryum julaceum | Federal: None State: None CNPS: Rank 4.2 | March to June Habitat Requirements: Damp rock and soils on outcrops, usually roadcuts. Broadleaf upland forest, lower montane coniferous forest, North Coast coniferous forest. Elevation 100 to 1000 meters. Blooming Period: | Not detected during focused surveys. |
| Slender-horned spineflower Dodecahema leptoceras | Federal: FE State: SE CNPS: Rank 1B.1 | N/A Habitat Requirements: Sandy soils in alluvial scrub, chaparral, cismontane woodland. Elevation 200 to 760 meters. | Not detected during focused surveys. |
| Sonoran maiden fern Thelypteris puberula var. sonorensis | Federal: None State: None CNPS: Rank 2B.2 | Blooming Period: April to June Habitat Requirements: Meadows and seeps (seeps and streams). Elevation 50 to 610 meters. | Not detected during focused surveys. |
| | | Blooming Period: January to September | |

| Species Name | Status | Species Information | Occurrence |
|---------------------------|--------------------|------------------------------------|------------------------------|
| Southern alpine | Federal: None | Habitat Requirements: | Not detected during |
| buckwheat | State: None | Granitic and gravelly soils in | focused surveys, and not |
| Eriogonum kennedyi | CNPS: Rank 1B.3 | alpine boulder and rock field, | expected to occur due to a |
| var. alpigenum | | and subalpine coniferous | lack of suitable habitat and |
| , all out to be seen that | | forest. Elevation 2600 to 3500 | the elevation range of the |
| | | meters. | species. |
| | | | |
| | | Blooming Period: July to September | |
| Southern California | Endamal, Mana | | Not detected desires |
| | Federal: None | Habitat Requirements: | Not detected during |
| black walnut | State: None | Chaparral, cismontane | focused surveys. |
| Juglans californica | CNPS: Rank 4.2 | woodland, coastal sage scrub, | |
| | | alluvial surfaces. Elevation 50 | |
| | | to 900 meters. | |
| | | Blooming Period: | |
| | | March to August | |
| Southern mountains | Federal: None | Habitat Requirements: | Not detected during |
| skullcap | State: None | Mesic soils in chaparral, | focused surveys. |
| Scutellaria bolanderi | CNPS: Rank 1B.2 | cismontane woodland, lower | locused surveys. |
| | CIVI 5. Kalik 1D.2 | montane coniferous forest. | |
| ssp. austromontana | | | |
| | | Elevation 425 to 2000 meters. | |
| | | Blooming Period: | |
| | | June to August | |
| Southern tarplant | Federal: None | Habitat Requirements: | Not detected during |
| Centromadia parryi | State: None | Disturbed habitats, margins of | focused surveys. |
| ssp. australis | CNPS: Rank 1B.1 | marshes and swamps, vernally | |
| 1 | | mesic valley and foothill | |
| | | grassland, vernal pools. | |
| | | Elevation 0 to 480 meters. | |
| | | D D | |
| | | Blooming Period: | |
| | | May to November | |
| Tehachapi ragwort | Federal: None | Habitat Requirements: | Not detected during |
| Packera ionophylla | State: None | Granitic and rocky soils in | focused surveys, and not |
| | CNPS: Rank 4.3 | lower and upper montane | expected to occur due to a |
| | | coniferous forest. Elevation | lack of suitable habitat and |
| | | 1500 to 2700 meters. | the elevation range of the |
| | | | species. |
| | | Blooming Period: | species. |
| | | June to July | |
| Thread-leaved | Federal: FT | Habitat Requirements: | Not detected during |
| | | | Not detected during |
| brodiaea | State: SE | Clay soils in chaparral | focused surveys. |
| Brodiaea filifolia | CNPS: Rank 1B.1 | (openings), cismontane | |
| | | woodland, coastal sage scrub, | |
| | | playas, valley and foothill | |
| | | grassland, vernal pools. | |
| | | Elevation 25 to 1120 meters. | |
| | | Blooming Period: | |
| | | _ | |
| | | March to June | |

| Species Name | Status | Species Information | Occurrence |
|-----------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Urn-flowered alumroot Heuchera caespitosa | Federal: None State: None CNPS: Rank 4.3 | Habitat Requirements: Rocky soils in cismontane woodland, riparian forest (montane), lower and upper montane coniferous forest. Elevation 1155 to 2650 meters. Blooming Period: | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| Western sedge Carex occidentalis | Federal: None State: None CNPS: Rank 2B.3 | May to August Habitat Requirements: Lower montane coniferous forest, meadows and seeps. Elevation 1645 to 3135 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| Western spleenwort Asplenium vespertinum | Federal: None State: None CNPS: Rank 4.2 | Blooming Period: June to August Habitat Requirements: Rocky soils in chaparral, cismontane woodland, and coastal scrub. Elevation 180 to 1000 meters. Blooming Period: | Not detected during focused surveys. |
| White rabbit-tobacco Pseudognaphalium leucocephalum | Federal: None State: None CNPS: Rank 2B.2 | February to June Habitat Requirements: Sandy or gravelly soils in chaparral, cismontane woodland, coastal scrub, and riparian woodland. Elevation 0 to 2100 meters. | Not detected during focused surveys. |
| Woolly mountain- parsley Oreonana vestita | Federal: None State: None CNPS: Rank 1B.3 | Blooming Period: July to December Habitat Requirements: Gravel or talus in lower montane coniferous forest, subalpine coniferous forest, and upper montane coniferous forest. Elevation 1615 to 3500 meters. | Not detected during focused surveys, and not expected to occur due to a lack of suitable habitat and the elevation range of the species. |
| | | Blooming Period: March to September | |

STATUS

Federal
FE – Federally Endangered
FT – Federally Threatened
FC – Federal Candidate State SE – State Endangered ST – State Threatened

CNPS

- Rank 1A Plants presumed extirpated in California and either rare or extinct elsewhere.
- Rank 1B Plants rare, threatened, or endangered in California and elsewhere.
- Rank 2A Plants presumed extirpated in California, but common elsewhere.
- Rank 2B Plants rare, threatened, or endangered in California, but more common elsewhere.
- Rank 3 Plants about which more information is needed (a review list).
- Rank 4 Plants of limited distribution (a watch list).

Threat Code extension

- .1 Seriously endangered in California (over 80% occurrences threatened)
- .2 Fairly endangered in California (20-80% occurrences threatened)
- .3 Not very endangered in California (<20% of occurrences threatened or no current threats known)

4.4.1 Special-Status Plants Detected at the Project Site

Englemann Oak (*Quercus englemannii*) – The Englemann oak is a CRPR 4.2 species but is not federal or state listed. The species is known from chaparral, cismontane woodland, riparian woodland, and valley and foothill grassland communities. One Englemann oak individual was mapped during the native tree inventory performed by Dudek. The tree is in the northern portion of the development footprint on the edge of the high ridge.

4.5 **Special-Status Animals**

Table 4-5 provides a list of special-status animals evaluated for the Project site through general biological surveys, habitat assessments, and focused surveys. Species were evaluated based on the following factors, including: 1) species identified by the CNDDB as occurring (either currently or historically) on or in the vicinity of the Project site, and 2) any other special-status animals that are known to occur within the vicinity of the Project site, for which potentially suitable habitat occurs on the site.

Table 4-5. Special-Status Animals Evaluated for the Project Site

| Species Name | Status | Habitat Requirements | Occurrence |
|-----------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Invertebrates | | | |
| Crotch bumble bee Bombus crotchii | Federal: None State: CE | Relatively warm and dry sites, including the inner Coast Range of California and margins of the Mojave Desert. | Potential to occur. |
| Quino checkerspot butterfly Euphydryas editha quino | Federal: FE State: None | Larval and adult phases each have distinct habitat requirements tied to host plant species and topography. Larval host plants include <i>Plantago erecta</i> and <i>Castilleja exserta</i> . Adults occur on sparsely vegetated rounded hilltops and ridgelines and are known to disperse through disturbed habitats to reach suitable nectar plants. | Not expected to occur at the Project site. |

| Species Name | Status | Habitat Requirements | Occurrence |
|-------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| San Gabriel chestnut snail Glyptostoma gabrielense | Federal: None State: None Other: G2 S2 | Rocky hillsides under plant debris and cactus, and in rock piles, wood rat nests, and spaces beneath logs, stumps and boulders. | Two empty shells of the chestnut snail were detected within Bradbury Canyon just north of the proposed impact area. Although not detected elsewhere within the Project site, the snail has the potential to occur within Project footprint. |
| Fish | 1 | 1 | l |
| Arroyo chub Gila orcutti | Federal: None State: SSC | Slow-moving or backwater sections of warm to cool streams with substrates of sand or mud. | Does not occur due to a lack of suitable habitat. |
| Santa Ana speckled dace Rhinichthys osculus ssp. 3 | Federal: None State: SSC | Occurs in the headwaters of the Santa Ana and San Gabriel Rivers. May be extirpated from the Los Angeles River system. Requires permanent flowing streams with summer water temperatures of 17-20 C. Usually inhabits shallow cobble and gravel riffles. | Does not occur due to a lack of suitable habitat. |
| Santa Ana sucker Catostomus santaanae | Federal: FT State: None | Small, shallow streams, less than 7 meters in width, with currents ranging from swift in the canyons to sluggish in the bottom lands. Preferred substrates are generally coarse and consist of gravel, rubble, and boulders with growths of filamentous algae, but occasionally they are found on sand/mud substrates. | Does not occur due to a lack of suitable habitat. |
| Amphibians | - 1 | | |
| Arroyo toad Anaxyrus californicus | Federal: FE State: SSC | Breed, forage, and/or aestivate in aquatic habitats, riparian, coastal sage scrub, oak, and chaparral habitats. Breeding pools must be open and shallow with minimal current, and with a sand or pea gravel substrate overlain with sand or flocculent silt. Adjacent banks with sandy or gravely terraces and very little herbaceous cover for adult and juvenile foraging areas, within a moderate riparian canopy of cottonwood, willow, or oak. | Does not occur due to a lack of suitable habitat. |

| Species Name | Status | Habitat Requirements | Occurrence |
|-----------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Coast Range newt Taricha torosa | Federal: None State: SSC | Found in wet forests, oak forests, chaparral, and rolling grasslands. In southern California, drier chaparral, oak woodland, and grasslands are used. | The coast range newt was detected within flowing portions of Bradbury Canyon north of the Project site. The newt was not observed within the Project site but has a potential to occur. |
| Foothill yellow-legged frog Rana boylii | Federal: None State: SSC | Rocky streams and rivers with rocky substrate and open, sunny banks, in forests, chaparral, and woodlands. Sometimes in isolated pools, vegetated backwaters, and deep, shaded, spring-fed pools. | Does not occur due to a lack of suitable habitat. |
| Southern mountain yellow- legged frog Rana muscosa | Federal: FE State: SE | Streams and small pools in ponderosa pine, montane hardwood-conifer, and montane riparian habitat types. | Does not occur due to a lack of suitable habitat. |
| Western spadefoot Spea hammondii | Federal: None State: SSC | Seasonal pools in coastal sage scrub, chaparral, and grassland habitats. | Does not occur due to a lack of suitable habitat. |
| Reptiles | _ | | |
| California glossy snake Arizona elegans occidentalis | Federal: None State: SSC | Inhabits arid scrub, rocky washes, grasslands, chaparral. | Potential to occur. |
| Coastal whiptail Aspidoscelis tigris stejnegeri (multiscutatus) | Federal: None State: SSC | Open, often rocky areas with little vegetation, or sunny microhabitats within shrub or grassland associations. | Potential to occur. |

| Species Name | Status | Habitat Requirements | Occurrence |
|-------------------------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Coast horned lizard Phrynosoma blainvillii | Federal: None State: SSC | Occurs in a variety of vegetation types including coastal sage scrub, chaparral, annual grassland, oak woodland, and riparian woodlands. | Potential to occur. |
| Coast patch-nosed snake Salvadora hexalepis virgultea | Federal: None State: SSC | Occurs in coastal chaparral, desert scrub, washes, sandy flats, and rocky areas. | Potential to occur. |
| Red-diamond rattlesnake Crotalus ruber | Federal: None State: SSC | Habitats with heavy brush and rock outcrops, including coastal sage scrub and chaparral. | Potential to occur. |
| California legless lizard Anniella sp. 1 | Federal: None State: SSC | Common in the Coast Ranges from the vicinity of Antioch, Contra Costa Co. south to the Mexican border. Range includes the floor of the San Joaquin Valley from San Joaquin Co. south, the west slope of the southern Sierra, the Tehachapi Mountains west of the desert, and the mountains of southern California. Common in several habitats but especially in coastal dune, valley-foothill, chaparral, and coastal scrub types. | Potential to occur. |
| Two-striped garter snake Thamnophis hammondii | Federal: None State: SSC | Aquatic snake typically associated with wetland habitats such as streams, creeks, and pools. | Not expected to occur within the Project site due to a lack of suitable habitat. |
| Western pond turtle Emys marmorata | Federal: None State: SSC | Slow-moving permanent or intermittent streams, small ponds and lakes, reservoirs, abandoned gravel pits, permanent and ephemeral shallow wetlands, stock ponds, and treatment lagoons. Abundant basking sites and cover necessary, including logs, rocks, submerged vegetation, and undercut banks. | Does not occur due to a lack of suitable habitat. |
| Birds | | | |
| Bank swallow (nesting) Riparia riparia | Federal: None State: ST | Low areas along rivers, streams, ocean coasts or reservoirs. Often use human-made sites. | Does not occur due to a lack of suitable habitat. |
| Black swift (nesting) Cypseloides niger | Federal: BCC State: SSC | Nests in forested areas near rivers in dark, damp areas. Forages in skies over mountainous areas and on coastal cliffs. | Does not occur due to a lack of suitable habitat. |
| California black rail Laterallus jamaicensis coturniculus | Federal: BCC State: ST, FP | Nests in high portions of salt marshes, shallow freshwater marshes, wet meadows, and flooded grassy vegetation. | Does not occur due to a lack of suitable habitat. |

| Species Name | Status | Habitat Requirements | Occurrence |
|----------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Coastal California gnatcatcher Polioptila californica californica | Federal: FT State: SSC | Low elevation coastal sage scrub and coastal bluff scrub. | Potential to occur but confirmed absent during focused surveys. |
| Least Bell's vireo Vireo bellii pusillus | Federal: FE State: SE | Dense riparian habitats with a stratified canopy, including southern willow scrub, mule fat scrub, and riparian forest. | Does not occur due to a lack of suitable habitat. |
| Southwestern willow flycatcher (nesting) Empidonax traillii extimus | Federal: FE State: SE | Riparian woodlands along streams and rivers with mature dense thickets of trees and shrubs. | Does not occur due to a lack of suitable habitat. |
| Swainson's hawk (nesting) Buteo swainsoni | Federal: None State: ST | Occupies grasslands, brushlands, deserts, oak savannas, open coniferous forests, and montane valleys for hunting and uses perches. | Does not occur due to a lack of suitable habitat. |
| Western yellow-billed cuckoo (nesting) Coccyzus americanus occidentalis | Federal: FT, BCC State: SE | Dense, wide riparian woodlands with well-developed understories. | Does not occur due to a lack of suitable habitat. |
| Yellow warbler (nesting) Setophaga petechia | Federal: BCC State: SSC | Breed in lowland and foothill riparian woodlands dominated by cottonwoods, alders, or willows and other small trees and shrubs typical of low, open-canopy riparian woodland. During migration, forages in woodland, forest, and shrub habitats. | Potential to occur. |
| Yellow-breasted chat (nesting) Icteria virens | Federal: None State: SSC | Dense, relatively wide riparian woodlands and thickets of willows, vine tangles, and dense brush with well-developed understories. | Does not occur due to a lack of suitable habitat. |
| Mammals | 1 | | |
| American badger Taxidea taxus | State: SSC | Most abundant in drier open stages of most scrub, forest, and herbaceous habitats, with friable soils. | Potential to occur. |
| Big free-tailed bat Nyctinomops macrotis | Federal: None State: SSC WBWG: MH | Roost mainly in crevices and rocks in cliff situations; also utilize buildings, caves, and tree cavities. | Does not occur due to a lack of suitable habitat. |
| Desert bighorn sheep Ovis canadensis nelsoni | Federal: None State: FP | Visually open foraging areas of grass near steep, rocky areas. | Does not occur due to a lack of suitable habitat. |
| Mountain Lion Puma concolor | Federal: None State: CE | Mountain lions use rocky areas, cliffs, and ledges that provide cover within open woodlands and chaparral, as well as riparian areas that provide protective habitat connections for movement between fragmented core habitat. | Tracks and scat were observed in the Study Area. |

| Species Name | Status | Habitat Requirements | Occurrence |
|----------------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Pallid bat Antrozous pallidus | Federal: None State: SSC WBWG: H | Deserts, grasslands, shrublands, woodlands, and forests. Most common in open, dry habitats with rocky areas for roosting. | Potential to occur. |
| Pocketed free-tailed bat Nyctinomops femorosaccus | Federal: None State: SSC WBWG: M | Rocky areas with high cliffs in pine-juniper woodlands, desert scrub, palm oasis, desert wash, and desert riparian. | Does not occur due to a lack of suitable habitat. |
| San Diego black-tailed jackrabbit Lepus californicus bennettii | Federal: None State: SSC | Occupies a variety of habitats but is most common among shortgrass habitats. Also occurs in sage scrub but needs open habitats. | Does not occur due to a lack of suitable habitat. |
| Townsend's big-eared bat Corynorhinus townsendii | Federal: None State: SSC WBWG: H | Coniferous forests and woodlands, deciduous riparian woodland, semi-desert and montane shrublands. | Does not occur due to a lack of suitable habitat. |
| Western mastiff bat Eumops perotis californicus | Federal: None State: SSC WBWG: H | Occurs in many open, semi-arid to arid habitats, including conifer and deciduous woodlands, coastal scrub, grasslands, and chaparral. Roosts in crevices in cliff faces, high buildings, trees, and tunnels. | Potential to occur. |
| Western red bat Lasiurus blossevillii | Federal: None State: SSC WBWG: H | Prefers riparian areas dominated by walnuts, oaks, willows, cottonwoods, and sycamores where they roost in broad-leafed trees. | Potential to occur. |
| Western yellow bat Lasiurus xanthinus | Federal: None State: SSC WBWG: H | Found in valley foothill riparian, desert riparian, desert wash, and palm oasis habitats. Roosts in trees, particularly palms. Forages over water and among trees. | Potential to occur. |

STATUS

Federal State

FE – Federally Endangered
FT – Federally Threatened
FPT – Federally Proposed Threatened
FPT – Federally Proposed Threatened
CE – Candidate Endangered

FC – Federal Candidate CFP – California Fully-Protected Species

BGEPA- Bald and Golden Eagle Protection Act SSC - Species of Special Concern

Western Bat Working Group (WBWG)

H – High Priority

LM – Low-Medium Priority

M – Medium Priority

MH - Medium-High Priority

OCCURRENCE

• Does not occur – The site does not contain habitat for the species and/or the site does not occur within the geographic range of the species.

- Confirmed absent The site contains suitable habitat for the species, but the species has been confirmed absent through focused surveys.
- Not expected to occur The species is not expected to occur onsite due to low habitat quality, however absence cannot be ruled out.
- Potential to occur The species has a potential to occur based on suitable habitat, however its
 presence/absence has not been confirmed.
- Confirmed present The species was detected onsite incidentally or through focused surveys

4.5.1 Special-Status Wildlife with the Potential to Occur at the Project Site

Invertebrates

Crotch Bumble Bee (*Bombus crotchii*) – Crotch bumble bee is a State Candidate Endangered species¹². In California, *B. crotchii* inhabits open grassland and scrub habitats. This species occurs primarily in California, including the Mediterranean region, Pacific Coast, Western Desert, Great Valley, and adjacent foothills through most of southwestern California. This species was historically common in the Central Valley of California, but now appears to be absent from most of it, especially in the center of its historic range.

Bumble bees, including *Bombus crotchii*, are generalist foragers and have been reported visiting a wide variety of flowering plants. *B. crotchii* has a very short tongue, and thus is best suited to forage at open flowers with short corollas. The plant families most commonly associated with *B. crotchii* observations or collections from California include Fabaceae, Apocynaceae, Asteraceae, Lamiaceae, and Boraginaceae. Plants in the genera *Asclepias, Chaenactis, Lupinus, Medicago, Phacelia*, and *Salvia* as example food plants. Note that these floral associations do not necessarily represent *B. crotchii's* preference for these plants over other flowering plants, but rather may represent the prevalence of these flowers in the landscape where this species occurs.

Bumble bees are social insects that live in colonies composed of a queen, workers, and reproductive individuals (males and new queens). Colonies are annual and only the new, mated queens overwinter. These queens emerge from hibernation in the early spring and immediately start foraging for pollen and nectar and begin to search for a nest site. Nests are often located underground in abandoned rodent nests, or above ground in tufts of grass, old bird nests, rock piles, or cavities in dead trees. Initially, the queen does the foraging and care for the colony until the first workers emerge and assist with these duties. Bumble bees collect both nectar and pollen of the plants that they pollinate. In general, bumble bees forage from a diversity of plants, although individual species can vary greatly in their plant preferences, largely due to differences in tongue length. Bumble bees are well-known to engage in "buzz pollination," a very effective foraging technique in which they sonicate the flowers to vibrate the pollen loose from the anthers.

Crotch bumble bee is not a species that GLA generally evaluated for projects prior to the 2019 designation as a Candidate species, and so GLA did not have the opportunity to evaluate the Chadwick Ranch Estates Study Area in 2017/2018 for the bumble bee. GLA has incidentally

-

¹² The California Fish and Game Commission voted to designate Crotch bumblebee as Candidate Endangered species on June 12, 2019. The final determination is pending.

detected the bumble bee at several other properties in 2020 throughout Southern California, including properties in the desert and Inland Empire, including properties with similar habitat types. Based on the known distribution of Crotch bumble bee, the dominance of scrub vegetation within the Study Area, and the presence of suitable floral resources, the bumblebee has the potential to occur at the Study Area. GLA recommends that the EIR acknowledge the potential for Crotch bumble bee to utilize the Specific Plan, include mitigation for the loss of habitat under the assumption of presence, and then in a latter season perform focused surveys and coordinate with CDFW to determine if an ITP would be required if the bumble bee is confirmed as present.

San Gabriel Chestnut Snail (*Glyptostoma gabrielense*) – The San Gabriel chestnut snail is a terrestrial snail known from the San Gabriel Mountains and foothills in Los Angeles County, California. The chestnut snail is associated with rocky hills and mountains at relatively low elevations. More specifically habitat is described as rocky hillsides under plant debris and cactus, and in rock piles, wood rat nests, and spaces beneath logs, stumps and boulders. The San Gabriel chestnut snail has a G2 global ranking and a S2 state ranking. Species with a G2 ranking are described as imperiled globally because of rarity (6-20 occurrences), or because of some other factor(s) making it very vulnerable to extinction throughout its range. Species with a S2 ranking are described as very rare; typically between 6 and 20 known occurrences; and may be susceptible to becoming extirpated. Based on the global and state rankings, the San Gabriel chestnut snail is considered special-status under CEQA. On November 13, 2017, the Center for Biological Diversity filed petition with USFWS to list the snail under the FESA. However, on April 25, 2019, the USFWS determined that the petition did not present substantial information that listing may be warranted, and as such no further action was taken by USFWS.

Two empty shells of the chestnut snail were detected within the Bradbury Canyon portion of the Specific Plan just north of the proposed development footprint within the proposed open space. Areas within the development footprint were surveyed for the chestnut snail by raking of soil and leaf litter and inspecting the undersides of rocks and logs. No individuals were detected within the development footprint; however, the lack of detection does not constitute absence although the lack of detection likely indicates that, if present, the snail occurs in a low density within the development footprint. Since the majority of the development footprint consists of steep terrain and is densely vegetated with chaparral and other scrub vegetation, the potential for occurrence of the chestnut snail within the development footprint based on the habitat descriptions is likely limited to the downslope areas of the canyons. Due to the modification of the lower portions of the canyons for flood control purposes, the extent of the chestnut snail within the development footprint may be further limited.

Amphibians

Coast Range Newt (*Taricha torosa*) – The Coast Range newt is a California Species of Special Concern. The newt frequents terrestrial habitats, but breed in ponds, reservoirs, and slowmoving streams. The newt is found in wet forests, oak forests, chaparral, and rolling grasslands. In southern California, drier chaparral, oak woodland, and grasslands are used. Lack of data on the movement ecology of this species prevents a complete characterization of the microhabitats used. This species has been depleted by large-scale historical commercial

exploitation coupled with the loss and degradation of stream habitats, especially in Los Angeles, Orange, Riverside, and San Diego counties.

Newts were observed in the Bradbury Canyon portion of the Specific Plan just north of the development footprint, within a portion of the canyon where flowing water was present. The development footprint is generally not expected to support the Coast Range newt due to a lack of appropriate breeding hydrology in the smaller canyons. However, since newts occur in Bradbury Canyon, then at the very least individuals could might use the upland slopes of the canyon that are within the remedial grading/or fuel modification area at the northern edge of the development footprint.

Reptiles

California Glossy Snake (*Arizona elegans occidentalis*) – The California gloss snake is a California Species of Special Concern. The glossy snake inhabits arid scrub, rocky washes, grasslands, and chaparral. The glossy snake was not incidentally detected within the Specific Plan during biological surveys but has the potential to occur at the site.

Coastal Whiptail (*Aspidoscelis tigris stejnegeri*) – The coastal whiptail is a California Species of Special Concern. The whiptail inhabits open, often rocky areas with little vegetation, or sunny microhabitats within shrub or grassland associations. The coastal whiptail was not incidentally detected within the Specific Plan during biological surveys but has the potential to occur at the site.

Coast Horned Lizard (*Phrynosoma blainvillii*) – The coast horned lizard is a California Species of Special Concern. The horned lizard inhabits a variety of vegetation types including coastal sage scrub, chaparral, annual grassland, oak woodland, and riparian woodlands. The coast horned lizard was not incidentally detected within the Specific Plan during biological surveys but has the potential to occur at the site.

Coast Patch-Nosed Snake (*Salvadora hexalepis virgultea*) - The coast patch-nosed snake is a California Species of Special Concern. The patch-nosed snake inhabits coastal chaparral, desert scrub, washes, sandy flats, and rocky areas. The coast patch-nosed snake was not incidentally detected within the Specific Plan during biological surveys but has the potential to occur at the site.

Red-Diamond Rattlesnake (*Crotalus ruber*) - The red-diamond rattlesnake is a California Species of Special Concern. The rattlesnake inhabits heavy brush and rock outcrops, including coastal sage scrub and chaparral. The red-diamond rattlesnake was not incidentally detected within the Specific Plan during biological surveys but has the potential to occur at the site.

California Legless Lizard (*Anniella sp. 1*) - The California legless lizard is a California Species of Special Concern. The legless lizard is common in the Coast Ranges from the vicinity of Antioch, Contra Costa Co. south to the Mexican border. Range includes the floor of the San Joaquin Valley from San Joaquin Co. south, the west slope of the southern Sierra, the Tehachapi Mountains west of the desert, and the mountains of southern California. Common in several

habitats but especially in coastal dune, valley-foothill, chaparral, and coastal scrub types. The California legless lizard was not incidentally detected within the Specific Plan during biological surveys but has the potential to occur at the site.

Birds

Coastal California Gnatcatcher (Polioptila californica californica) – The coastal California gnatcatcher is Federally listed as threatened and is a California Species of Special Concern. The gnatcatcher inhabits low elevation coastal sage scrub and coastal bluff scrub. The subspecies tends to occur most frequently within the California sagebrush-dominated stands on mesas, gently sloping areas, and along the lower slopes of the coast ranges. Gnatcatchers also use chaparral, grassland, and riparian or alluvial habitats where they occur adjacent to sage scrub. The use of these habitats appears to be most frequent during late summer, autumn, and winter during dispersal periods, with smaller numbers of birds using such areas during the breeding season. The coastal California gnatcatcher was not detected within or adjacent to the Specific Plan during protocol presence/absence surveys. The Specific Plan supports very minimal suitable habitat for the gnatcatcher. As noted above the offsite development area contains approximately 1.40 acres of California Sagebrush/California Buckwheat Scrub, with small inclusions of sage scrub vegetation scattered amongst the denser chaparral vegetation in the lower elevation portions of the development footprint. Given the general lack of larger contiguous patches of sage scrub habitat, the gnatcatcher is not expected to occur within the proposed impact areas, open space, or adjacent lands; however, the focused surveys were performed in 2017 to confirm the absence of gnatcatchers for the purpose of analysis.

Yellow Warbler (*Setophaga petechia*) – The yellow warbler is a California Species of Special Concern. The warbler breeds in lowland and foothill riparian woodlands dominated by cottonwoods, alders, or willows and other small trees and shrubs typical of low, open-canopy riparian woodland. During migration, forages in woodland, forest, and shrub habitats. The yellow warbler was not detected within the Study Area during biological surveys; however, the species has a potential occur in riparian woodlands associated with the Study Area, including the Bradbury Canyon portion of the Specific Plan, and within the offsite improvement area.

Mammals

American Badger (*Taxidea taxus*) – The American badger is a California Species of Special Concern. The American badger prefers open areas and may also frequent brushlands with little groundcover. When inactive, occupies underground burrows. The species is most abundant in drier open stages of most scrub, forest, and herbaceous habitats, with friable soils. The American badger was not observed within the overall Study Area during biological surveys, but the species has some potential to occur at the site. The Study Area, including the development footprint and proposed open space of the Specific Plan, generally contains scrub habitat that could support the badger, although GLA biologists did not observe any burrows of a size that would indicate badger presence. However, it is possible that badgers could use habitat within open space areas that were not surveyed.

Bats (miscellaneous species) – The overall Study Area is expected to support a number of bat species, including the potential for several special-status species. The Study Area contains a variety of tree species such as coast live oak, western sycamore, willow, palm trees, and several non-native tree species. Bats with the potential to occur at the site for roosting, including the potential for maternity roots, include pallid bat (*Antrozous pallidus*), western mastiff bat (*Eumops perotis californicus*), western red bat (*Lasiurus blossevillii*), and western yellow bat (*Lasiurus xanthinus*). These four bat species are all California Species of Concern. Although species such as pallid bat typically use rocky areas for roosting that are not present at within the development footprint, the site at least could be utilized for foraging where individuals/colonies are utilizing nearby lands for roosting.

Mountain Lion (*Puma concolor*) – Mountain lions associated with the Southern California population are designated as a State Candidate Endangered species¹³. Mountain lions use rocky areas, cliffs, and ledges that provide cover within open woodlands and chaparral, as well as riparian areas that provide protective habitat connections for movement between fragmented core habitat. Mountain lions have large home ranges with the ranges of males as larger as 250 square miles. Padley (1989, 1996) monitored female home ranges in the Santa Ana Mountains, finding that annual home ranges varied from 32 to 87 square miles, with a mean range of 43 square miles. The diet of mountain lions in Southern California includes mule deer as their principal prey, but also other ungulates, rabbits and larger rodents.

Mountain lion tracks and scat were detected by GLA within the Bradbury Canyon during the biological surveys, and given the presence of movement potential movement routes (canyons and ridgelines) and a prey population (including mule deer) throughout the Study Area, the overall Specific Plan and offsite improvement area is acknowledged as part of a larger home range in the San Gabriel Mountains for mountain lions. Mountain lions are expected to use both Bradbury Canyon and Spinks Canyon as primary local movement routes, as well as the smaller ridgelines and drainage areas within the development footprint for local movement. In addition, the existing Flood Control access road is likely used periodically as a connection between Bradbury Canyon and Spinks Canyon.

4.6 Nesting Birds

The Study Area contains trees, shrubs, and ground cover that provide suitable habitat for nesting native birds. Mortality of native birds (including eggs) is prohibited under the Migratory Bird Treaty Act (MBTA) and California Fish and Game Code.¹⁴

¹³ The California Fish and Game Commission voted to designate Southern California mountain lions as a Candidate Endangered species on April 16, 2020. The final determination is pending.

¹⁴ The MBTA makes it unlawful to take, possess, buy, sell, purchase, or barter any migratory bird listed in 50 C.F.R. Part 10, including feathers or other parts, nests, eggs, or products, except as allowed by implementing regulations (50 C.F.R.21). In addition, Sections 3505, 3503.5, and 3800 of the California Department of Fish and Game Code prohibit the take, possession, or destruction of birds, their nests or eggs.

4.7 Wildlife Linkages/ Corridors and Nursery Sites

Habitat linkages are areas which provide a communication between two or more other habitat areas which are often larger or superior in quality to the linkage. Such linkage sites can be quite small or constricted, but may can be vital to the long-term health of connected habitats. Linkage values are often addressed in terms of "gene flow" between populations, with movement taking potentially many generations.

Corridors are similar to linkages but provide specific opportunities for individual animals to disperse or migrate between areas, generally extensive but otherwise partially or wholly separated regions. Adequate cover and tolerably low levels of disturbance are common requirements for corridors. Habitat in corridors may be quite different than that in the connected areas, but if used by the wildlife species of interest, the corridor will still function as desired.

The Project's development footprint is located between two larger canyons supporting wildlife movement, including Bradbury Canyon to the north and Spinks Canyon to the east, both of which feed into large debris basins. A portion of Bradbury Canyon is located within open space proposed for the Specific Plan. The development footprint generally consists of the lower portion of a series of ridgelines that terminate at the Flood Control access road to the southwest. The ridgelines also feed into both Bradbury Canyon and Spinks Canyon to the north and south, as well as into smaller canyons contained within the development footprint boundary. The northern edge of the development footprint contains a high prominent ridge that originates in National Forest lands to north, extending south and then west through the development footprint, and then southwest, connecting the Flood Control access road and the Bradbury Canyon debris basin. The ridge slopes down to the north into Bradbury Canyon and to the south into the development footprint. The top of the ridgeline is maintained as a fire break/access road, providing an ideal movement route for wildlife. The main ridgeline also feeds smaller ridgelines and canyons to the south and southeast within the development footprint, all of which extend to the southeast connecting with the Flood Control access road and the Spinks Canyon debris basin.

The overall Study Area, including the onsite and offsite development areas and the proposed open space, provides both live-in habitat and movement opportunities for many mammalian species, including black bear (Ursus americanus), mountain lion (Puma concolor), mule deer (Odocoileus hemonius), bobcat (Lynx rufus), coyote (Canis latrans), and gray fox (Urocyon cinereoargenteus). Black bears were detected throughout the Specific Plan through camera detection and/or sign. A wildlife camera was set up in Bradbury Canyon (open space portion of the Study Area) north of the development footprint in 2017, and black bears were detected by the camera. In addition, bear tracks and scat were detected both within the proposed open space in Bradbury Canyon, as well as within the development footprint. Tracks and scat were detected in a canyon in the southeastern portion of the development footprint, and based on the prominence of the tracks, the canyon appears to be used regularly by bears moving into Spinks Canyon to the southeast when accessing the residential communities to forage for food. As discussed above in Section 4.5, mountain lion tracks and scat were observed within proposed open space in Bradbury Canyon, and mountain lions have the potential to utilize the entire Specific Plan and offsite development area as part of a larger home range. Although the development footprint does not by itself constitute a "wildlife corridor", it does support local wildlife movement.

Wildlife nurseries are sites where wildlife concentrate for hatching and/or raising young, such as rookeries, spawning areas, and bat colonies. Nurseries can be important to both special-status species as well as commonly occurring species. The Study Area in general is used by wildlife for breeding, including the Specific Plan and portions of the offsite improvement area; however, the Study Area does not support bird rookeries for species such as herons, egrets, etc., and does not provide habitat for fish spawning. As discussed above in Section 4.5, the Study Area is expected to support a number of bat species for both roosting and foraging, including potential maternity roosting.

4.8 <u>Tree Inventory</u>

The City's Tree Preservation and Protection Ordinance (Chapter 9.06.090 of the City's Municipal Code) regulates the removal of protected trees species. The City's Ordinance defines a tree as:

• a woody perennial plant which usually has (but is not limited to) a single dominant trunk and has a mature height of fifteen feet (15') or more, or has a trunk diameter of four inches (4") or more measured at twenty-four inches (24") above finished grade.

Dudek's arborists mapped a total of 2,120 trees at the Project site, of which 711 meet the City's size requirements as protected trees, including 644 native trees and 67 non-native significant trees. Dudek mapped another 1,359 trees that were under the City's size thresholds and are not expected to exceed the size thresholds within the lifetime of the Project. Dudek's report is included as Appendix C. Table 4-6 provides a list of trees to be removed by the Project.

Table 4-6. Inventory of Trees for the Development Footprint

| Scientific Name | Common Name | Number of Trees |
|-------------------------------|----------------------|-----------------|
| Cupressus sempervirens* | Italian cypress | 19 |
| Eucalyptus camaldulensis* | Red River gum | 9 |
| Fraxinus spp.* | ash | 1 |
| Grevillea robusta* | silk oak | 1 |
| Heteromeles arbutifolia | toyon | 163 |
| Liquidambar styraciflua* | American sweetgum | 1 |
| Pinus canariensis* | Canary Island pine | 9 |
| Pinus eldarica* | Afghan pine | 1 |
| Pinus halepensis* | Aleppo pine | 28 |
| Pittosporum spp.* | pittosporum species | 1 |
| Platanus racemosa+ | western sycamore | 45 |
| Prunus salicina* | Santa Rosa plum | 3 |
| Quercus agrifolia+ | coast live oak | 430 |
| Quercus berberidifolia+ | California scrub oak | 1290 |
| Quercus englemannii | Englemann oak | 1 |
| Salix lasiolepis+ | arroyo willow | 3 |
| Sambucus nigra ssp. caerulea+ | blue elderberry | 100 |
| Schinus molle* | Peruvian pepper | 9 |
| Ulmus parvifolia* | Chinese elm | 1 |
| Washingtonia filifera+ | California fan palm | 4 |
| | TOTAL | 2120 |

+ = native tree; * = non-native, significant tree

4.9 <u>Critical Habitat</u>

The Project site is not located within USFWS-designated Critical Habitat, as was verified through the USFWS IPaC online planning tool and USFWS Critical Habitat GIS shapefiles [Exhibit 11 – USFWS Critical Habitat Map]. The nearest Critical Habitat is for the southwestern willow flycatcher associated with the San Gabriel River, located approximately 1.5 miles east/southeast of the Project site, and for Braunton's milkvetch, located approximately 2.0 miles west/northwest of the Project site. The proposed Project would not affect these Critical Habitat areas and does support either species.

4.10 Jurisdictional Waters

The Project site contains portions of six drainage features (Drainages A through F) that are subject to the jurisdictions of the Corps, Regional Board, and/or CDFW. The six drainage features are part of two separate drainage systems, both of which have been modified at the downstream end for flood protection. Five of the six drainage features (B through F) are identified in the USFWS National Wetland Inventory (NWI). Although the NWI references can be useful in performing jurisdictional delineations, the designations themselves do not convey a regulatory status to the drainage features, including as wetlands protected pursuant to CEQA.

Determination of the presence wetlands and other riparian habitat were made based on criteria of the Corps, Regional Board, and/or CDFW.

Drainage E represents Bradbury Canyon, the majority of which is located within proposed Open Space areas of the Specific Plan, although part of the natural portion of Bradbury Canyon is located within proposed remedial grading and fuel modifications areas of the development footprint. A portion of the Bradbury Canyon Flood Control channel is located within Project's offsite improvement area. Bradbury Canyon originates offsite to the northeast, flowing generally southwest before entering a large debris basin. Flows from the basin enter a concrete-lined flood control channel via a standpipe and a spillway. The Project's permanent grading footprint does not include the natural streambed of Bradbury Canyon, but does include a portion of the flood control channel where the proposed access road will cross the channel. In addition, the remedial grading footprint includes a small portion of the natural bottom of Bradbury Canyon and the fuel modification zone includes portions of the southern slope of the canyon. Drainage A consists of a relatively short (200 linear feet) ephemeral drainage that due to flood control modifications no longer has a streambed connection to Bradbury Canyon. However, some flows from Drainage A are expected to run into the debris basin. The majority of Bradbury Canyon is identified by the NWI as a Freshwater Forested/Shrub Wetland, with the Bradbury Debris Basin identified as a Freshwater Pond and Freshwater Emergent Wetland.

Spinks Canyon is located east of the Project. A small portion of the property boundary overlaps with a jurisdictional portion of the Spinks Canyon (identified here as Drainage F); however, this portion will not be directly impacted by the Project. The NWI identifies this portion of Spinks Canyon as a Riverine System.

Drainages B, C, and D are part of a larger overall drainage complex within the Project site that is tributary to Spinks Canyon. Spinks Canyon flows into a large debris basin to the southeast of the Project site. Drainage B originates onsite in the north-central portion of the site, flowing south and the southeast before entering a corrugated pipe culvert under the flood control access road before entering the Spinks Canyon debris basin. The upper part of Drainage B is vegetated with Scrub Oak Chaparral and Mixed Chaparral, with the lower portion supporting the California Sycamore/Coast Live Oak Woodland. The western portion of the watershed for Drainage has been modified to construct several smaller debris basins (Spinks Debris Disposal Area) that protect properties to the south and moderate runoff into the Spinks Canyon debris basin. Drainage C and D generally originate onsite and both connect to a smaller, offsite debris basin before entering a pipe and extending under the flood control access road to the Spinks Canyon debris basin. The NWI identifies Drainage B as a Freshwater Forested/Shrub Wetland. Drainages C and D are identified by the NWI and Riverine System.

4.10.1 Corps Jurisdiction

The overall Study Area (including the Specific Plan and offsite improvement area) contains approximately 1.55 acres of drainage features exhibiting characteristics associated with waters of the U.S. and that may be regulated by the Corps [Exhibit 7 – Corps/RWQCB Jurisdictional Delineation/Impact Map]. However, pursuant to the recent *Navigable Waters Protection Rule*, it is possible that some of the drainage features within the Study Area (including proposed impact

areas) might not meet the updated definitions of waters of the U.S. upon further review by the Corps. As such, this report acknowledges a maximum of 1.55 acres of waters of the U.S., which might become reduced during coordination with the Corps to obtain a CWA Section 404 permit. A separate Jurisdictional Delineation Report is attached as Appendix A.

The portions of the delineation areas that were observed directly in the field (Specific Plan development footprint and the offsite improvement area) do not contain jurisdictional wetlands. GLA accessed portions of Bradbury Canyon within the proposed open space that did not exhibit wetland indicators; however, other portions of Bradbury Canyon within the open space may support wetlands since GLA observed flowing water in upper portions of the Canyon.

Of the 1.55 acres of potential Corps jurisdiction, approximately 1.34 acres are associated with the Specific Plan (Table 4-7), with 0.21 acres associated with the offsite improvement area (Table 4-8).

Table 4-7. Summary of Corps Jurisdiction for the Specific Plan

| Drainage | Non-Wetland Waters | Wetlands | Total |
|-------------------|-----------------------|----------|-------|
| В | 0.17 | 0 | 0.17 |
| С | 0.13 | 0 | 0.13 |
| D | 0.08 | 0 | 0.08 |
| Е | | 0 | |
| (Bradbury Canyon) | 0.93 | | 0.93 |
| F | | | |
| (Spinks Canyon) | 0.03 | 0 | 0.03 |
| Total | 1.34 | 0 | 1.34 |

Table 4-8. Summary of Corps Jurisdiction for the Offsite Improvement Areas

| Drainage | Non-Wetland Waters | Wetlands | Total |
|-----------------|-----------------------|----------|-------|
| A | 0.01 | 0 | 0.01 |
| В | 0.11 | 0 | 0.11 |
| Е | | | |
| (Flood Control) | 0.09 | 0 | 0.09 |
| Total | 0.21 | 0 | 0.21 |

4.10.2 Regional Board Jurisdiction

The same areas identified as potential waters of the U.S. (i.e. Corps jurisdiction) would be regulated by the Regional Board either pursuant to CWA Section 401 or Section 13050[e] of the California Water Code 13050, depending on the status of drainage features as waters of the U.S. Regardless, the Study Area contains approximately 1.55 acres of waters regulated by the

Regional Board, including 1.34 acres within the Specific Plan area, and 0.21 acres within the offsite improvement [Exhibit 7 – Corps/RWQCB Jurisdictional Delineation/Impact Map]. Tables 4-9 and 4-10 summarize Regional Board jurisdiction for the Specific Plan and offsite improvement area, respectively.

Table 4-9. Summary of Regional Board Jurisdiction for the Specific Plan

| Drainage | Non-Wetland Waters | Wetlands | Total |
|-------------------|-----------------------|----------|-------|
| В | 0.17 | 0 | 0.17 |
| С | 0.13 | 0 | 0.13 |
| D | 0.08 | 0 | 0.08 |
| Е | | 0 | |
| (Bradbury Canyon) | 0.93 | | 0.93 |
| F | | | |
| (Spinks Canyon) | 0.03 | 0 | 0.03 |
| Total | 1.34 | 0 | 1.34 |

Table 4-10. Summary of Regional Board Jurisdiction for the Offsite Improvement Area

| Drainage | Non-Wetland | Wetlands | Total |
|-----------------|-------------|----------|-------|
| | Waters | | |
| A | 0.01 | 0 | 0.01 |
| В | 0.11 | 0 | 0.11 |
| Е | | | |
| (Flood Control) | 0.09 | 0 | 0.09 |
| Total | 0.21 | 0 | 0.21 |

4.10.3 CDFW Jurisdiction

The overall Study Area (including the Specific Plan and offsite improvement area) contains approximately 13.57 acres of CDFW jurisdiction, including 11.30 acres within the Specific Plan and 2.27 acres within the offsite improvement area [Exhibit 8 – CDFW Jurisdictional Delineation/Impact Map]. Approximately 12.71 acres of riparian vegetation has been mapped within the Study Area based on field observations, including 10.54 acres within the Specific Plan and 2.17 acres within the offsite improvement area. Additional riparian vegetation might be present within portions of the open space that were not accessed for the field studies. However, these areas would not be impacted by the Project (direct or indirect) and therefore the amount of riparian vegetation in these avoided areas (or the lack thereof) is not relevant to the analysis. Tables 4-11 and 4-12 summarize CDFW jurisdiction for the Specific Plan and offsite improvement area, respectively.

Table 4-11. Summary of CDFW Jurisdiction for the Specific Plan

| Drainage | Unvegetated | Riparian | Total |
|-------------------|-------------|------------|-------|
| | Streambed | Vegetation | |
| В | 0.23 | 0.04 | 0.27 |
| С | 0.13 | 0 | 0.13 |
| D | 0.08 | 0 | 0.08 |
| Е | | | |
| (Bradbury Canyon) | 0.29 | 10.50 | 10.79 |
| F | | | |
| (Spinks Canyon) | 0.03 | 0 | 0.03 |
| Total | 0.76 | 10.54 | 11.30 |

Table 4-12. Summary of CDFW Jurisdiction for the Offsite Improvement Area

| Drainage | Unvegetated Streambed | Riparian Vegetation | Total |
|-----------------|--------------------------|------------------------|-------|
| A | 0.01 | 0 | 0.01 |
| В | 0 | 2.17 | 2.17 |
| Е | | | |
| (Flood Control) | 0.09 | 0 | 0.09 |
| Total | 0.10 | 2.17 | 2.27 |

5.0 IMPACT ANALYSIS

The following discussion examines the potential impacts to plant and wildlife resources that would occur as a result of the proposed project. Impacts (or effects) can occur in two forms, direct and indirect. Direct impacts are considered to be those that involve the loss, modification or disturbance of plant communities, which in turn, directly affect the flora and fauna of those habitats. Direct impacts also include the destruction of individual plants or animals, which may also directly affect regional population numbers of a species or result in the physical isolation of populations thereby reducing genetic diversity and population stability.

Indirect impacts pertain to those impacts that result in a change to the physical environment, but which is not immediately related to a project. Indirect (or secondary) impacts are those that are reasonably foreseeable and caused by a project but occur at a different time or place. Indirect impacts can occur at the urban/wildland interface of projects, to biological resources located downstream from projects, and other offsite areas where the effects of the project may be experienced by plants and wildlife. Examples of indirect impacts include the effects of increases in ambient levels of noise or light; predation by domestic pets; competition with exotic plants and animals; introduction of toxics, including pesticides; and other human disturbances such as hiking, off-road vehicle use, unauthorized dumping, etc. Indirect impacts are often attributed to the subsequent day-to-day activities associated with project build-out, such as increased noise, the use of artificial light sources, and invasive ornamental plantings that may encroach into native areas. Indirect effects may be both short-term and long-term in their duration. These impacts are commonly referred to as "edge effects" and may result in a slow replacement of native plants by non-native invasives, as well as changes in the behavioral patterns of wildlife and reduced wildlife diversity and abundance in habitats adjacent to project sites.

Cumulative impacts refer to two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts. A cumulative impact can occur from multiple individual effects from the same project, or from several projects. The cumulative impact from several projects is the change in the environment resulting from the incremental impact of the project when added to other closely related past, present, and reasonably foreseeable probable future projects. Cumulative impacts can result from individually minor but collectively significant projects taking place over a period of time.

5.1 <u>California Environmental Quality Act (CEQA)</u>

5.1.1 Thresholds of Significance

Environmental impacts to biological resources are assessed using impact significance threshold criteria, which reflect the policy statement contained in CEQA, Section 21001(c) of the California Public Resources Code. Accordingly, the State Legislature has established it to be the policy of the State of California:

"Prevent the elimination of fish or wildlife species due to man's activities, ensure that fish and wildlife populations do not drop below self-perpetuating levels, and

preserve for future generations representations of all plant and animal communities..."

Determining whether a project may have a significant effect, or impact, plays a critical role in the CEQA process. According to CEQA, Section 15064.7 (Thresholds of Significance), each public agency is encouraged to develop and adopt (by ordinance, resolution, rule, or regulation) thresholds of significance that the agency uses in the determination of the significance of environmental effects. A threshold of significance is an identifiable quantitative, qualitative or performance level of a particular environmental effect, non-compliance with which means the effect will normally be determined to be significant by the agency and compliance with which means the effect normally will be determined to be less than significant. In the development of thresholds of significance for impacts to biological resources CEQA provides guidance primarily in Section 15065, Mandatory Findings of Significance, and the CEQA Guidelines, Appendix G, Environmental Checklist Form. Section 15065(a) states that a project may have a significant effect where:

"The project has the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or wildlife community, reduce the number or restrict the range of an endangered, rare, or threatened species, ..."

Therefore, for the purpose of this analysis, impacts to biological resources are considered potentially significant (before considering offsetting mitigation measures) if one or more of the following criteria discussed below would result from implementation of the proposed project.

5.1.2 Criteria for Determining Significance Pursuant to CEQA

Appendix G of the 2017 State CEQA guidelines indicate that a project may be deemed to have a significant effect on the environment if the project is likely to:

- a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service.
- b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service.
- c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means.

- d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors or impede the use of native wildlife nursery sites.
- e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance.
- f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.

5.2 Special-Status Species

Appendix G(a) of the CEQA guidelines asks if a project is likely to "have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service."

5.2.1 Special-Status Plants

The proposed Project will not directly impact any special-status plants. The Project site contains a single Englemann oak tree, which as noted above is designated by CNPS as a CRPR 4.2 species. The Dudek report noted that the tree might be impacted indirectly by the Project but is not identified for removal. If impacted, the tree will be replaced pursuant to the City of Bradbury's Tree Preservation and Protection Ordinance; however, the loss of the single tree would not be considered significant under CEQA.

5.2.2 Special-Status Animals

The proposed Project will result in the loss of habitat with the potential to support a number of special-status animals. The following discusses the potential impact by animal group:

Invertebrates

The Project will remove habitat with the potential to support two special-status invertebrate species, specifically Crotch bumble bee and the San Gabriel chestnut snail. The loss of habitat for Crotch bumblebee would consist of potential floral resources and nest sites associated with the onsite scrub vegetation. Given the rapid decline documented for the bumblebee, the loss of habitat for the bumblebee may be considered to have a substantial adverse effect on the species. As such, the loss of habitat (if present) may be considered potentially significant prior to mitigation. As discussed above in Section 4.5.1, GLA recommends that the EIR acknowledge the potential for Crotch bumble bee to utilize the Specific Plan, include mitigation for the loss of habitat under the assumption of presence, and then in a latter season perform focused surveys and coordinate with CDFW to determine if an ITP would be required if the bumble bee is confirmed as present.

As noted above in Section 4.5.1 of this report, two empty shells of the chestnut snail were detected within the Bradbury Canyon portion of the Specific Plan (proposed as open space) outside of the development footprint. The chestnut snail was not detected within the development footprint, although its presence cannot be ruled out. However, based on the lack of detection, if the chestnut snail is present within the development footprint, then it is expected to occur in a low density. Since the majority of the Specific Plan has steep terrain and is densely vegetated with scrub oak chaparral and other scrub vegetation, the potential for occurrence of the chestnut snail based on the habitat descriptions is likely limited to the downslope areas of the canyons, including within both the development footprint and the proposed open space. Due to the modification of the lower portions of the canyons for flood control purposes, the extent of the chestnut snail within the development footprint may be further limited. As such, impact to the species (if present within the development footprint) is expected to be minimal. Furthermore, since the Project will preserve the northern portion of the Specific Plan where the snail was detected, including the majority of Bradbury Canyon and its tributary canyons associated with the proposed open space, the loss of additional potential habitat within the Project footprint would be less than significant without additional mitigation required.

Amphibians

The Project will remove habitat with the potential to support one special-status amphibian species (Coast Range newt). Given the limited hydrology within the development footprint to support the newt, the newt is not expected to occur within the majority of the impact area. The loss of habitat would be limited to the upslope portions of Bradbury Canyon on the northern edge of the development footprint, although since the majority of those impacts would be associated with the Zone C fuel modification, the loss of habitat (if any) for the newt would be minimal. Given that the Project will preserve the northern portion of the Specific Plan where the newt was detected, including the majority of Bradbury Canyon and its tributary canyons associated with the proposed open space, the loss of potential habitat would be less than significant without additional mitigation being required.

Reptiles

The Project will remove habitat with the potential to support several special-status reptile species, including the California glossy snake, coastal whiptail, coast horned lizard, coast patchnosed snake, red-diamond rattlesnake, and California legless lizard. Give the relatively low sensitivity of these species, and with the proposed preservation of open space associated with the Project, the loss of potential habitat for these species would be less than significant without additional mitigation being required.

Birds

The Project will remove habitat with the potential to support one special-status bird species (yellow warbler). The loss of habitat would be limited to a smaller portion of riparian habitat that is a subset of the California Sycamore/Oak Woodland vegetation community within Drainage B (offsite improvement area). The sycamore/oak community is depicted on the

vegetation map [Exhibit 6 and Exhibit 10]. Based on the relatively low sensitivity of the yellow warbler and the limited potential for occurrence at the Project site, potential impacts to the yellow warbler would be less than significant without mitigation being required.

Mammals

The Project will remove habitat with the potential to support special-status animals, including the American badger and several bat species (pallid bat, western mastiff bat, western red bat, and western yellow bat). The badger has some potential to occur within the Study Area, although badger burrows were not observed within the development footprint. The Study Area, including the development footprint and proposed open space of the Specific Plan, generally contains scrub habitat that could support the badger, although GLA biologists did not observe any burrows of a size that would indicate badger presence. However, it is possible that badgers could use habitat within open space areas that were not surveyed. Given the relatively low sensitivity ranking of the species, the proposed preservation of open space containing potential habitat, and the lack of burrow detection within the development footprint, the loss of potential habitat for the American badger would be less than significant without additional mitigation required.

The potential loss of habitat for bats would include trees with the potential for use as roosting sites, and particularly for maternity roosting, as well as the general loss of forage habitat. The loss of maternity roost habitat in general for special-status bats may be considered potentially significant depending on the extent of use. Pallid bats generally utilize rocky areas for roosting, which is not represented by the Project site. As such, the use of the site by pallid bats would most likely be for foraging. Roost habitat for the western mastiff bat would be limited since the site does not contain cliff crevices or structures with a higher likelihood of use, but the onsite trees could provide roosting opportunities. The western red bat would generally be limited to the riparian areas onsite, particularly the western sycamore trees in the lower portion of Drainage B. The western yellow bat would have limited roosting potential at the Project site, including several palm trees in the riparian area and potentially other trees. The loss of maternity roosts may be potentially significant prior to mitigation for one or more bat species, although the preservation of Bradbury Canyon and the additional open space, combined with proposed tree replacement and riparian habitat mitigation discussed in Section 6.0 would reduce any impacts to below a level of significance.

5.3 Sensitive Vegetation Communities

Appendix G(a) of the CEQA guidelines asks if a project is likely to "have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service." Vegetation impacts will occur as a result of permanent grading, remedial grading, and fuel modification. The Project will maintain three fuel modification zones (A, B, and C). Zone A and B will both result in complete avoidance of existing vegetation, with Zone A consisting of 20-foot setback zone from structures, and Zone B consisting of an irrigated zone extending an additional 80 feet from the limits of Zone A (total of 100 feet from structures). Zone C consists of a native brush thinning zone that extends up to 200 feet from structures. All of Zone A and the majority of Zone B overlap with the grading limits, and so

impacts resulting in the removal of vegetation within these zones are attributed to grading activities. For those portions for Zone B and C that exceed the grading limits, vegetation impacts are allocated to those zones. A vegetation community overlay with the impact footprint is provided as Exhibit 10. Tables 5-1 and 5-2 summarize Project impacts to vegetation/land use types for the Specific Plan and offsite improvement area.

Table 5-1. Summary of Vegetation/Land Use Impacts for the Specific Plan

| | | | FMZ | FMZ | Total | |
|---------------------------|-----------|----------|------------|---------------|---------|---------|
| Vegetation/Land Use Type | Permanent | Remedial | Zone B | Zone C | Impacts | Avoided |
| Coast Live Oak Riparian | | | | | | |
| Forest | | | | | | |
| (Quercus agrifolia | | | | | | |
| Woodland Alliance) | 0.91 | 1.48 | 0 | 0.91 | 3.30 | 7.20 |
| Coast Live Oak Woodland | 0 | 0 | 0 | 0 | 0 | 0.40 |
| Disturbed | | | | | | |
| (Quercus agrifolia | | | | | | |
| Woodland Alliance) | 1.63 | 0.09 | 0 | 0 | 1.72 | 0.39 |
| Scrub Oak Chaparral | | | | | | |
| (Quercus berberidifolia | | | | | | |
| Shrubland Alliance) | 27.48 | 4.12 | 0.20 | 1.47 | 33.27 | 2.24 |
| Scrub Oak Chaparral/ | | | | | | |
| Southern Mixed Chaparral | 0 | 0 | 0 | 0 | 0 | 41.34 |
| Southern Mixed Chaparral | | | | | | |
| (Malosma laurina | | | | | | |
| Shrubland Alliance) | 7.59 | 3.98 | 0.17 | 0.41 | 12.15 | 9.70 |
| California Sycamore/Coast | | | | | | |
| Live Oak Woodland | | | | | | |
| (Platanus racemosa- | | | | | | |
| Quercus agrifolia | | | | | | |
| Woodland Alliance) | 0.01 | 0.03 | 0.00 | 0.00 | 0.04 | 0.00 |
| Total | 37.62 | 9.70 | 0.37 | 2.79 | 50.48 | 61.27 |

Table 5-2. Summary of Vegetation/Land Use Impacts for the Offsite Improvement Area

| | | | FMZ | FMZ | Total |
|----------------------------|-----------|----------|------------|------------|---------|
| Vegetation/Land Use Type | Permanent | Remedial | Zone B | Zone C | Impacts |
| Coast Live Oak Woodland | | | | | |
| (Quercus agrifolia | | | | | |
| Woodland Alliance) | 0.20 | 0.96 | 0.00 | 0.00 | 1.16 |
| California Sagebrush- | | | | | |
| California Buckwheat Scrub | | | | | |
| (Artemisia californica- | | | | | |
| Eriogonum fasciculatum | | | | | |
| Shrubland Alliance) | 0.42 | 0.97 | 0.00 | 0.00 | 1.40 |
| Developed | 3.55 | 2.44 | 0.06 | 0.87 | 6.92 |
| Disturbed | 0.00 | 0.07 | 0.00 | 0.10 | 0.17 |
| Ornamental | 0.32 | 0.65 | 0.00 | 0.00 | 0.97 |
| Scrub Oak Chaparral | | | | | |
| (Quercus berberidifolia | | | | | |
| Shrubland Alliance) | 3.03 | 2.51 | 0.06 | 0.21 | 5.80 |
| Southern Mixed Chaparral | | | | | |
| (Malosma laurina | | | | | |
| Shrubland Alliance) | 0.79 | 1.30 | 0.19 | 1.96 | 4.24 |
| California Sycamore/Coast | | | | | |
| Live Oak Woodland | | | | | |
| (Platanus racemosa- | | | | | |
| Quercus agrifolia | | | | | |
| Woodland Alliance) | 1.19 | 0.97 | 0.00 | 0.00 | 2.17 |
| Total | 9.51 | 9.87 | 0.31 | 3.15 | 22.83 |

The proposed Project will impact six native vegetation types, including Coast Live Oak Riparian Forest, Coast Live Oak Woodland, California Sagebrush/California Buckwheat Scrub, Scrub Oak Chaparral, Southern Mixed Chaparral, and California Sycamore/Coast Live Oak Woodland. Development within the Specific Plan boundary will impact approximately 3.30 acres of Coast Live Oak Riparian Forest (0.91 acres of permanent grading, 1.48 acres of remedial grading, and 0.91 acre of fuel modification), 33.27 acres of Scrub Oak Chaparral (27.48 acres of permanent grading, 4.12 acres of remedial grading, and 1.67 acres of fuel modification), 12.15 acres of Southern Mixed Chaparral (7.59 acres of permanent grading, 3.98 acres of remedial grading, and 0.61 acres of fuel modification), and 0.04 acre of California Sycamore/Coast Like Oak Woodland (0.01 acre of permanent grading and 0.03 acre of remedial grading).

Development within the offsite improvement area will impact 1.16 acres of Coast Live Oak Woodland (0.20 acre of permanent grading and 0.96 acre of remedial grading), 1.40 acres of California Sagebrush/California Buckwheat Scrub (0.42 acres of permanent grading and 0.97 acres of remedial grading), 5.80 acres of Scrub Oak Chaparral (3.03

acres of permanent grading, 2.51 acres of remedial grading, and 0.27 acres of fuel modification), 4.24 acres of Southern Mixed Chaparral (0.79 acre of permanent grading, 1.30 acres of remedial grading, and 2.15 acres of fuel modification), and 2.17 acres of California Sycamore/Coast Live Oak Woodland (1.19 acres permanent grading and 0.97 acres of remedial grading).

The Coast Live Oak Riparian Forest (3.30 acres total impact) and California Sycamore/Coast Live Oak Woodland (2.21 acres total impact) are considered riparian communities and are therefore sensitive pursuant CEQA. Impacts to 5.51 acre of riparian communities would be potentially significant prior to mitigation. However, the California Sagebrush-California Buckwheat Scrub, Scrub Oak Chaparral, Southern Mixed Chaparral, and the non-riparian Coast Live Oak Woodland are not considered sensitive under CEQA and would not require mitigation simply based on the vegetation type.

5.4 Wetlands

Appendix G(c) of the State CEQA guidelines asks if a project is likely to "have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means."

The Project site does not contain any state or federally protected wetlands.

5.5 Wildlife Movement and Native Wildlife Nursery Sites

Appendix G(d) of the State CEQA guidelines asks if a project is likely to "interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors or impede the use of native wildlife nursery sites."

As discussed above in Section 4.7, the Project site provides both live-in habitat and movement opportunities for many mammalian species, including black bear, mountain lion, mule deer, bobcat, coyote, and gray fox. However, the Project site does not constitute a "migratory wildlife corridor". The proposed Project will remove all live-in habitat for these and other wildlife species within the Project footprint and will restrict the movement of wildlife through the site. However, the Project will not interfere substantially with movement within Bradbury Canyon and Spinks Canyon, and wildlife moving along ridge routes between the canyons will still be able to access those canyons to the west and east from ridgelines north of the Project site. The Project proposes fencing and gates to prevent/deter the public from accessing the Flood Control facilities, including the Bradbury Debris Basin, the Spinks Disposal Area, and the Spinks Debris Basin. The existing Flood Control access road coming in from Bliss Canyon Road is currently used to access the Bradbury Debris Basin (west of the access road) but also turns south, extending past the Spinks Disposal Area and then connecting to the Spinks Debris Basin. The Project will construct a primary access road to the development area (Street "A") that will extend up the ridge from near the Bradbury Debris Basin. Access will be maintained to the Bradbury

Debris basin as well as the extended road down to the Spinks Debris Basin. However, a fence will be constructed along the Bradbury Debris Basin and a gate will be installed at the ramp down to the debris basin, excluding the public from that area. An additional gate will be installed on the opposite side of Street A preventing public vehicle access down the Flood Control road to the Spinks Debris Basin. Both gates will be constructed to allow wildlife to pass through, allowing continued connectivity from the Bradbury Canyon to Spinks Canyon via the access road. Since the connecting access road will be used only for Flood Control access and for emergency secondary access to the development area, traffic on the road will not increase from residential use.

As discussed above in Section 4.6, the project has the potential to impact active bird nests if vegetation is removed during the nesting season (February 1 to August 31). Impacts to nesting birds are prohibited by the MBTA and California Fish and Game Code. An avoidance measure to address nesting birds is included below in Section 6.0. Although impacts to native birds are prohibited by MBTA and similar provisions of California Fish and Game Code, impacts to native birds by the proposed Project would not be a significant impact under CEQA. The Project site does not support rookeries, colonies, etc. that may be considered as "nursery" sites under CEQA. The native birds with potential to nest on the Project site would be those that are common to the region. The number of individuals potentially affected by the Project would not significantly affect regional, let alone local populations of such species.

5.6 <u>Local Policies or Ordinances</u>

Appendix G(e) of the State CEQA guidelines asks if a project is likely to "conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance." As discussed above in Section 4.8, the City of Bradbury has a Tree Preservation and Protection Ordinance (Chapter 9.06.090 of the City's Municipal Code; City of Bradbury 2012) that regulates the removal of protected trees species. Pursuant to the definitions in the Ordinance, Dudek's arborists mapped 711 trees meeting the City's size requirements as protected trees, including 644 native trees and 67 non-native significant trees. Of the 711 trees, 341 will require removal due to direct grading impacts, with another 60 trees experiencing encroachment into the tree protection zone from grading, and approximately 270 trees that may be indirectly impacted. Approximately 50 trees would require removal due to health issues. The remaining 32 of the 711 protected trees would be preserved in place with no direct or indirect impacts. Dudek's report is included as Appendix C. Table 5-3 provides a list of City protected trees to be removed by the Project.

Table 5-3. City of Bradbury Protected Trees to be Removed by the Project

| Scientific Name | Common Name | Number of Trees |
|-------------------------------|----------------------|-----------------|
| Cupressus sempervirens* | Italian cypress | 1 |
| Grevillea robusta* | silk oak | 1 |
| Heteromeles arbutifolia | toyon | 18 |
| Liquidambar styraciflua* | American sweetgum | 1 |
| Pinus canariensis* | Canary Island pine | 1 |
| Pinus eldarica* | Afghan pine | 1 |
| Pinus halepensis* | Aleppo pine | 1 |
| Platanus racemosa+ | western sycamore | 25 |
| Quercus agrifolia+ | coast live oak | 121 |
| Quercus berberidifolia+ | California scrub oak | 145 |
| Salix lasiolepis+ | arroyo willow | 1 |
| Sambucus nigra ssp. caerulea+ | blue elderberry | 19 |
| Schinus molle* | Peruvian pepper | 2 |
| Washingtonia filifera+ | California fan palm | 4 |
| | TOTAL | 341 |

^{+ =} native tree; * = non-native, significant tree

5.7 Habitat Conservation Plans

Appendix G(f) of the State CEQA guidelines asks if a project is likely to "conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan." The Project is not subject to the requirements of a Habitat Conservation Plan (HCP), Natural Community Conservation Plan (NCCP), or other approved local, regional, or state conservation plan. As such, the proposed Project would not conflict with any such plan.

5.8 Jurisdictional Waters

The proposed Project will impact jurisdictional waters, including riparian habitat as discussed above in Section 5.3.

5.8.1 Corps Jurisdiction

The proposed Project will impact up to 0.78 acre of Corps jurisdiction, none of which support wetlands [Exhibit 7 – Corps/RWQCB Jurisdictional Delineation/Impact Map], of which 0.57 acre is associated with the Specific Plan and 0.21 acre is located within the offsite improvement area. Approximately 0.58 acre of the overall impacts will result in a permanent loss of waters due to proposed grading impacts, including remedial grading where it will not be feasible to restore the drainage features to pre-construction contours and maintain hydrology to those features. Another 0.04 acre of temporary impacts may occur to a portion of Bradbury Canyon (Drainage E) as a result of remedial grading where the drainage contours will be restored post-construction. In addition, another 0.16 acre of potential Corps jurisdiction is located within

proposed fuel modification areas (Zone C). However, since this represents a thinning zone, then the fuel modification would only result in an impact to Corps jurisdiction if the activities resulted in a discharge of dredge or fill material into the drainage, i.e. disturbance to the streambed. The CEQA impact thresholds only address wetlands with regards to federal waters, and as noted above in Section 5.4 the Project will not impact wetlands. However, impacts to Corps jurisdiction will require a CWA Section 404 permit from the Corps and a CWA Section 401 Water Quality Certification from the Regional Board, and mitigation will be required through the permitting process. In addition, as noted above in Section 4.10.1, it is possible that some of the drainage features may not be considered as waters of the U.S. pursuant to the new *Navigable Waters Protection Rule*. The final determination of the features would be made through coordination with the Corps during the permitting process. The Project footprint includes additional areas of potential Corps jurisdictional where impacts would not occur, including a portion of a flood control channel from the Bradbury Canyon debris basin where a bridge is proposed to span the channel. Tables 5-4 and 5-5 summarize impacts to Corps jurisdiction for the Specific Plan and offsite improvement area, respectively.

Table 5-4. Impacts to Corps Jurisdiction (Specific Plan)

| Drainage | Permanent | Remedial | Zone C | Total |
|-------------------|-----------|----------|--------|-------|
| В | 0.13 | 0.03 | 0 | 0.16 |
| С | 0.12 | 0.01 | 0 | 0.13 |
| D | 0.08 | 0 | 0 | 0.08 |
| Е | | | | |
| (Bradbury Canyon) | 0 | 0.04 | 0.15 | 0.19 |
| F | | | | |
| (Spinks Canyon) | 0 | 0 | 0.01 | 0.01 |
| Total | 0.33 | 0.08 | 0.16 | 0.57 |

Table 5-5. Impacts to Corps Jurisdiction (Offsite Improvement Area)

| Drainage | Permanent | Remedial | Total |
|-----------------|-----------|----------|-------|
| A | 0 | 0.01 | 0.01 |
| В | 0.07 | 0.04 | 0.11 |
| Е | | | |
| (Flood Control) | 0.08 | 0.01 | 0.09 |
| Total | 0.15 | 0.06 | 0.21 |

5.8.2 Regional Board Jurisdiction

The proposed Project will impact 0.78 acre of Regional Board jurisdiction, none of which support wetlands [Exhibit 7 – Corps/RWQCB Jurisdictional Delineation/Impact Map], of which 0.57 acre is associated with the Specific Plan and 0.21 acre is located within the offsite improvement area. Approximately 0.58 acre of the overall impacts will result from proposed grading impacts, including remedial grading where it will not be feasible to restore the drainage features to pre-construction contours and maintain hydrology to those features. Another 0.04 acre of temporary impacts may occur to a portion of Bradbury Canyon (Drainage E) as a result of remedial grading where the drainage contours will be restored post-construction. In addition, another 0.16 acre of Regional Board jurisdiction is located within proposed fuel modification areas (Zone C). However, since this represents a thinning zone, then the fuel modification would only result in an impact to Regional Board jurisdiction if the activities resulted in a discharge of dredge or fill material into the drainage, i.e. disturbance to the streambed.

Impacts to areas of Regional Board jurisdiction that are considered waters of the U.S. will require Water Quality Certification pursuant to CWA Section 401. However, as noted above, it is possible that some of the drainage features may not be considered as waters of the U.S. pursuant to the new *Navigable Waters Protection Rule*. If applicable, those features would be regulated by the Regional Board under the Porter-Cologne Water Quality Control Act whereby the Regional Board must issue Waste Discharge Requirements (WDRs). Tables 5-6 and 5-7 summarize impacts to Regional Board jurisdiction for the Specific Plan and offsite improvement area, respectively.

Table 5-6. Impacts to Regional Board Jurisdiction (Specific Plan)

| Drainage | Permanent | Remedial | Zone C | Total |
|-------------------|-----------|----------|--------|-------|
| В | 0.13 | 0.03 | 0 | 0.16 |
| C | 0.12 | 0.01 | 0 | 0.13 |
| D | 0.08 | 0 | 0 | 0.08 |
| Е | | | | |
| (Bradbury Canyon) | 0 | 0.04 | 0.15 | 0.19 |
| F | | | | |
| (Spinks Canyon) | 0 | 0 | 0.01 | 0.01 |
| Total | 0.33 | 0.08 | 0.16 | 0.57 |

Table 5-7. Impacts to Regional Board Jurisdiction (Offsite Improvement Area)

| Drainage | Permanent | Remedial | Total |
|-----------------|-----------|----------|-------|
| A | 0 | 0.01 | 0.01 |
| В | 0.07 | 0.04 | 0.11 |
| Е | | | |
| (Flood Control) | 0.08 | 0.01 | 0.09 |
| Total | 0.15 | 0.06 | 0.21 |

5.8.3 CDFW Jurisdiction

The proposed Project will impact approximately 6.08 acres of CDFW jurisdiction, of which 5.50 acres support riparian vegetation [Exhibit 8 – CDFW Jurisdictional Delineation/Impact Map]. Of the 5.50 acres of riparian habitat impacts, approximately 4.59 acres of impact will be attributed to grading, including 2.48 acres of remedial grading where re-vegetation may not be feasible due to fuel modification requirements and other constraints. The remaining 0.91 acre of riparian habitat is located within fuel modification areas (Zone C) associated with Bradbury Canyon. Since Zone C is a thinning zone, it is unclear the extent of tree removal that will be required in this area and the ultimate impact to riparian habitat. For purposes of this analysis, it is assumed that all 0.91 acre would be removed by the Project for fuel modification purposes. Impacts to CDFW jurisdiction will require a Lake and Streambed Alteration Agreement from CDFW. Impacts to riparian habitat are considered potentially significant as a sensitive vegetation community, as discussed above in Section 5.3. Impacts to both riparian and non-riparian CDFW jurisdiction would be subject to mitigation through the permitting process. Tables 5-8 and 5-9 summarize impacts to CDFW jurisdiction for the Specific Plan and offsite improvement area, respectively.

Table 5-8. Summary of Impacts to CDFW Jurisdiction (Specific Plan)

| | Pern | nanent | Rei | medial | Z | one C | |
|----------|----------|-------------|----------|-------------|----------|-------------|-------|
| Drainage | Riparian | Unvegetated | Riparian | Unvegetated | Riparian | Unvegetated | Total |
| В | 0.01 | 0.16 | 0.03 | 0.07 | 0 | 0 | 0.27 |
| C | 0 | 0.12 | 0 | 0.01 | 0 | 0 | 0.13 |
| D | 0 | 0.08 | 0 | 0.00 | 0 | 0 | 0.08 |
| Е | 0.91 | 0 | 1.48 | 0.02 | 0.91 | 0 | 3.32 |
| F | 0 | 0 | 0 | 0 | 0 | 0.01 | 0.01 |
| Total | 0.92 | 0.36 | 1.51 | 0.10 | 0.91 | 0.01 | 3.81 |

Table 5-9. Summary of Impacts to CDFW Jurisdiction (Offsite Improvement Area)

| | Pern | nanent | Remedial Zone C | | | | |
|----------|----------|-------------|-----------------|-------------|----------|-------------|-------|
| Drainage | Riparian | Unvegetated | Riparian | Unvegetated | Riparian | Unvegetated | Total |
| A | 0 | 0.01 | 0 | 0.01 | 0 | 0 | 0.02 |
| В | 1.19 | 0 | 0.97 | 0 | 0 | 0 | 2.16 |
| Е | | | | | | | |
| (Flood | | | | | | | |
| Channel) | 0 | 0.08 | 0 | 0.01 | 0 | 0 | 0.09 |
| Total | 1.19 | 0.09 | 0.97 | 0.02 | 0 | 0 | 2.27 |

5.9 <u>Indirect Impacts to Biological Resources</u>

In the context of biological resources, indirect effects are those effects associated with developing areas adjacent to adjacent native open space. The development footprint is located west of the Duarte Wilderness Preserve (which is part of the San Gabriel Canyon SEA) and south of Bradbury Canyon and other open space proposed for conservation as part of the Specific Plan. The northern edge of the open space is near the Angeles National Forest but based on the distance between the development footprint from the National Forest (which is upslope from the development footprint), the Project will not indirectly affect resources on the National Forest lands. The Project is not expected to result in significant indirect impacts to special-status biological resources, with the implementation of Project design features to avoid/minimize impacts attributed to the following:

- Drainage;
- Toxics:
- Lighting;
- Noise;
- Invasives; and
- Barriers.

5.9.1 Drainage

All runoff generated by the proposed Project will drain away from sensitive habitat areas and protected open space. Runoff will be directed to an onsite detention basin and then into modular wetland system units for water quality treatment. Flows will then discharge into a storm drain that will connect to the Spinks Canyon Debris Basin. The Project's contractor will develop a Stormwater Pollution Prevention Plan (SWPPP) to address runoff and water quality during construction.

5.9.2 Toxics

Land uses proposed in proximity to sensitive areas that use chemicals or generate bioproducts such as manure that are potentially toxic or may adversely affect wildlife species, habitat or water quality shall incorporate measures to ensure that application of such chemicals does not result in discharge to the sensitive areas. In the case of a residential development, examples of chemicals could include pesticides and herbicides applied to landscape areas or used by residents, or any other chemicals that could enter natural areas through runoff. Measures such as those employed to address drainage issues shall be implemented. As noted above, the proposed Project will implement a SWPPP that will address runoff during construction. Post-construction, all runoff will be directed to an onsite detention basin for treatment prior to release towards the Spinks Canyon Debris Basin.

5.9.3 Lighting

Artificial lighting generated by development projects has the potential to adversely affect wildlife and plants located within adjacent natural open space. Lighting can alter the general rhythm of species, whether adapted to daytime or night-time activities. Artificial lighting can affect the nocturnal movement of wildlife and can interfere with predator/prey interactions. The night lighting within the development footprint will utilize low intensity fixtures and will be down shielded. In addition, all lighting will be directed away from the Duarte Wilderness Preserve/SEA to the east and the proposed open space to the north within the Specific Plan, such that there will be no change in ambient lighting in the adjacent sensitive areas.

5.9.4 Noise

Like artificial lighting, noise levels that exceed typical levels for natural areas have the potential to adversely affect wildlife. Animals use natural sound in many ways, including to navigate through their environment, to find food, attract mates, and avoid predators. Increased levels due to external sources has the potential to disrupt animal behavior by interfering with the natural noises that animals rely on. In general, projects can incorporate setbacks, berms and/or walls to minimize the effects of noise on adjacent sensitive areas pursuant to applicable rules, regulations and guidelines related to land use noise standards. For planning purposes, wildlife within adjacent open space should not be subject to noise that would exceed residential noise standards. The Project is designed to minimize noise affects on adjacent open space in several ways. The Project is generally designed so that most of the noise generation will be to the interior of the Project and not facing open space to the north and east. The Project will construct one street that will circulate through the entirety of the property for most of the developed edge, with 10 of the 14 home pads positioned to the inside of the street facing the Spinks Debris Disposal Area and not with the backyards facing the northern open space of Lot L or the offsite Duarte Wilderness Preserve. Instead, the Project components facing the open space mostly consists of the street and maintained open space such as vegetated slopes and debris/detention basins that will buffer the home pads from the open space. Of the four home pads that are positioned to outside of the street, two of them (#9 and #10) are located within the southeastern portion of the development footprint generally facing the Spinks Debris Basin. Pad #13 is in the southern portion of the property facing away from the Lot L open space and the Duarte Wilderness Preserve. Pad (#1) is located within the northwestern portion of the development footprint generally facing the Bradbury debris basin. Pad #1 also will have nearly 200 feet of maintained open space between the pad edge and the nearest open space. All the home pads will have a 5-foot wall or fence constructed around the entirety of the backyard that will help to attenuate noise from the yards.

5.9.5 Invasive Species

The Project will avoid the use of invasive plant species in common landscaping areas adjacent to the sensitive open space.

5.9.6 Barriers

Adjacent to the sensitive open space, the Project will incorporate barriers, where appropriate to minimize unauthorized public access, domestic animal predation, or illegal trespass. Such barriers may include native landscaping, rocks/boulders, fencing, walls, signage and/or other appropriate mechanisms. As discussed above in Section 5.5, the Project proposes fencing and gates to prevent/deter the public from accessing the Flood Control facilities, including the Bradbury Debris Basin and the Spinks Debris Basin, which will therefore restrict access to the Lot L open space via Bradbury Canyon and to the Duarte Wilderness Preserve via Spinks Canyon. As discussed above in Section 5.9.4, the northern and eastern edges of the development footprint will consist mostly of the street, landscaping areas, and debris/detention basins facing the open space areas. Public access will not be provided to open space and the general design of the Project will not be conducive to public access as a result of steep slopes and landscaping. Furthermore, there are no public use areas such as parks, etc. that would feed into the open space areas. As also noted above, the backyards of the 14 home pads would be enclosed with a 5-foot wall or fence restricting access beyond the home pads.

5.10 <u>Cumulative Impacts to Biological Resources</u>

Cumulative impacts are defined as the direct and indirect effects of a proposed project which, when considered alone, would not be deemed a substantial impact, but when considered in addition to the impacts of related projects in the area, would be considered potentially significant. "Related projects" refers to past, present, and reasonably foreseeable probable future projects, which would have similar impacts to the proposed project. The Project will contribute to cumulative impacts for those resources where impacts would be potentially significant individually. This includes impacts identified above for Coast Live Oak Riparian Forest, California Sycamore/Coast Live Oak Woodland, and Crotch bumble bee (assuming presence).

6.0 MITIGATION/AVOIDANCE RECOMMENDATIONS

The following discussion provides recommendations for project-specific mitigation/avoidance measures for actual or potential impacts to special-status resources.

6.1 <u>Crotch Bumblebee</u>

As discussed above, the Project will remove habitat with the potential to be used by Crotch bumble bee. The California Fish and Game Commission voted on June 12, 2019 to accept a petition for the bumblebee as a candidate species for listing under CESA. It is recommended that the EIR assume the presence of Crotch bumble bee and include a measure acknowledging potential mitigation to offset the loss of habitat. The measure should also require that focused surveys be conducted prior to construction to confirm the presence/absence of the bumble bee if the species remains as a State Endangered species following the completion of the Fish and Game Commission's review. If the bumble bee is still designated as a Candidate species or is conferred a final listing status and is confirmed present at the site, then the Project proponent will contact CDFW to obtain an Incidental Take Permit (ITP), if necessary. The loss of occupied habitat, if present, would include the preservation of 41.34 acres of suitable habitat within the proposed open space consisting of Scrub Oak Chaparral and Southern Mixed Chaparral. If the bumble bee is determined to be present within the development footprint and the amount of occupied habitat necessitates a greater amount of conservation than the 41.34 acres of habitat within the open space, then the Project proponent will acquire additional offsite lands and/or purchase credits from a local mitigation bank to the satisfaction of CDFW.

Nesting Birds

The Project site contains vegetation with the potential to support native nesting birds. As discussed above, the MBTA and California Fish and Game Code prohibits mortality of native birds, including eggs. The following is recommended to avoid mortality to nesting birds:

As feasible, Project activities that could disturb active nests or otherwise disrupt nesting activities, including but not limited to the removal or trimming of vegetation, the removal of structures, and the general disturbance of the ground surface, should be conducted outside of the nesting season, which is generally identified as February 1 through September 15. If avoidance of the nesting season is not feasible, then a qualified biologist shall conduct a nesting bird survey within seven days prior to any disturbance of the site. Since some raptor species can begin nesting as early as January 1, trees with the potential to support raptors should be surveyed if the habitat is to be removed after January 1. If active nests are identified, the biologist shall establish suitable buffers around the nests, and the buffer areas shall be avoided until the nests are no longer occupied and the juvenile birds can survive independently from the nests. The buffer size should vary as a function of the type of bird that is nesting (raptor versus non-raptor), the level of disturbance, and other factors such as the terrain and other vegetation separating the construction activity from the active nest.

6.3 Bats

As discussed above, the Project has the potential to impact maternity roost habitat for bats, including several special-status species. The following is recommended to avoid impacts to active maternity roosts:

• As feasible, the removal of potential bat roosting habitat (i.e., trees) should be avoided during the bat maternity season (April 1 through July 31). If avoidance of the maternity season is infeasible, then pre-construction bat surveys should be performed prior to the removal of any trees with the potential to support bats. If individual trees are determined to be maternity roosts, then those trees will be avoided until after July 31.

6.4 Protected Trees

As discussed in the Dudek report, the City's Municipal Code does not identify specific tree replacement standards for projects affecting native and/or protected trees. The City does require the submission of a tree preservation and landscaping plan per Section 9.06.090.040 of the Municipal Code. Projects in the City typically require mitigation for native trees (*Quercus* species only) that exceed 6 inches DBH and 15 feet or higher in height at a 2-to-1 ratio with 24inch box trees of like species or payment of in-lieu fees. Additionally, non-Quercus native trees and non-native significant trees do not typically require mitigation. The direct impact to 266 protected oak trees (121 coast live oaks and 145 California scrub oaks) and the encroachment of 36 protected oak trees (including 26 coast live oaks and 10 California scrub oaks) requires mitigation tree plantings per the City standards to demonstrate that the Project will not conflict with the City's Municipal Code. Mitigation plantings will focus on container oak plantings into the built landscape for protected oaks at 2:1 ratio replacement ratio for as much as can be accommodated by the Project, with the balance to be replaced through the payment of in-lieu fees unless additional planting opportunities occur within the proposed open space. The Project's preliminary landscape exhibit identifies 250 coast live oak trees and 160 scrub oak shrubs to be planted within the development footprint. At a 2:1 replacement ratio, the development footprint may be able to accommodate the live oak tree plantings and approximately half of the scrub oak plantings.

6.5 Jurisdictional Waters

As noted above, the Project will impact approximately 0.78 acre of non-wetland waters subject to the jurisdiction of the Corps and Regional Board, and will impact 6.08 acres of CDFW jurisdiction, of which approximately 5.50 acres consist of riparian vegetation. Prior to the disturbance of jurisdictional waters, the Project proponent will obtain a CWA Section 404 permit from the Corps and a Section 401 Water Quality Certification from the Regional Board, as well as a Lake and Streambed Alteration Agreement from CDFW. In addition, the Project will mitigate the loss of jurisdictional waters as follows:

• The Project proponent will purchase mitigation credits from an approved mitigation bank to offset impacts at a minimum 1:1 ratio. The actual mitigation ratio will be determined through coordination with the Corps, Regional Board, and CDFW during the permitting

process. The final replacement ratio may be offset through the preservation of existing jurisdictional waters within the Project's open space.

7.0 REFERENCES

- American Ornithologists' Union (AOU). 2009. Checklist of North American Birds, (7th Edition; 1998-2009).
- Baldwin, B.G., D.H. Goldman, D.J. Keil, R. Patterson, T.J. Rosatti, and D.H. Wilken. 2012. The Jepson Manual: Vascular Plants of California. University of California Press. 1,568 pp.
- [CDFG] California Department of Fish and Game. 2008. Complete List of Amphibian, Reptile, Bird and Mammal Species in California. Dated September 2008.
- [CDFG] California Department of Fish and Game. 2009. Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities. State of California, California Natural Resources Agency, Department of Fish and Game. Dated November 24, 2009.
- [CDFW] California Department of Fish and Wildlife. 2020. Special Animals. State of California Resources Agency, Sacramento, California.
- [CDFW] California Department of Fish and Wildlife. 2020. State and Federally Listed Endangered and Threatened Animals of California. State of California Resources Agency. Sacramento, California.
- [CDFW] California Department of Fish and Wildlife. 2020. California Natural Diversity Database: RareFind 5. Records of occurrence for U.S.G.S. 7.5- minute Quadrangle maps: Azusa and surrounding quadrangles. California Department of Fish and Wildlife, State of California Resources Agency. Sacramento, California.
- [Cal-IPC] California Invasive Plant Council. California Invasive Plant Inventory Database. Website: http://cal-ipc.org/paf/.
- [CNPS] California Native Plant Society. 2001. Inventory of Rare and Endangered Plants of California (sixth edition). Rare Plant Scientific Advisory Committee, David P. Tibor, Convening Editor. California Native Plant Society. Sacramento, CA. x + 388pp.
- [CNPS] California Native Plant Society. 2020. Inventory of Rare and Endangered Plants (online edition, v8-02). Rare Plant Program. California Native Plant Society, Sacramento, CA. Website http://www.rareplants.cnps.org [accessed < MM/DD/YY]
- City of Bradbury. 2012. City of Bradbury Municipal Code. February 2012. Accessed October 9, 2015. http://www.cityofbradbury.org/city-services/municipal-code.

- Collins, Joseph T. and Travis W. Taggart. 2009. Standard Common and Current Scientific Names for North American Amphibians, Turtles, Reptiles, and Crocodilians. Sixth Edition. Publication of The Center For North American Herpetology, Lawrence. iv+44p.
- Garrett, K. and J. Dunn. 1981. Birds of Southern California: Status and Distribution. Los Angeles Audubon Society. 407 pp.
- Holland, R. F. 1986. Preliminary Descriptions of the Terrestrial Natural Communities of California. Nongame-Heritage Program, California Department of Fish and Wildlife.
- ISA (International Society of Arboriculture). 2000. *Guide for Plant Appraisal*. 9th ed. Council of Tree and Landscape Appraisers.
- Munz, P.A. 1974. A Flora of Southern California. University of California Press. 1,086 pp.
- Nelson, J. 1984. Rare plant survey guidelines. In: Inventory of rare and endangered vascular plants of California. J. Smith and R. York (eds.). Special Publication No. 1. California Native Plant Society.
- Padley, W.D. 1996. Female mountain lion (*Felis concolor*) home ranges in the southern Santa Ana Mountains, California. [Abstract]. Fifth Mountain Lion Workshop. Organized by the California Department of Fish and Game and the Southern California Chapter of the Wildlife Society, San Diego, California, February 27 March 1, 1996.
- Padley, W.D. 1989. Mountain lion ecology in the southern Santa Ana Mountains, California. Prepared for the California Department of Fish and Game, Final Report Contract No. 87-M-6250, 27 pages.
- Sawyer, J.O, T. Keeler-Wolf, and J.M. Evens. A Manual of California Vegetation. Second Edition. California Native Plant Society Press. Sacramento, California. 1,300 pp.
- Stebbins, R. C. 1954. Amphibians and reptiles of western North America. McGraw-Hill, New York. 536pp.
- Stebbins, R.C. 1985. A field guide to western reptiles and amphibians, 2nd ed. Houghton Mifflin Co., Boston, Massachusetts.
- [USFWS] U.S. Fish and Wildlife Service. 2000. Guidelines for Conducting and Reporting Botanical Inventories for Federally Listed, Proposed and Candidate Plants. Sacramento, CA: U.S. Fish and Wildlife Service. Unpublished memorandum, dated January 2000.

8.0 CERTIFICATION

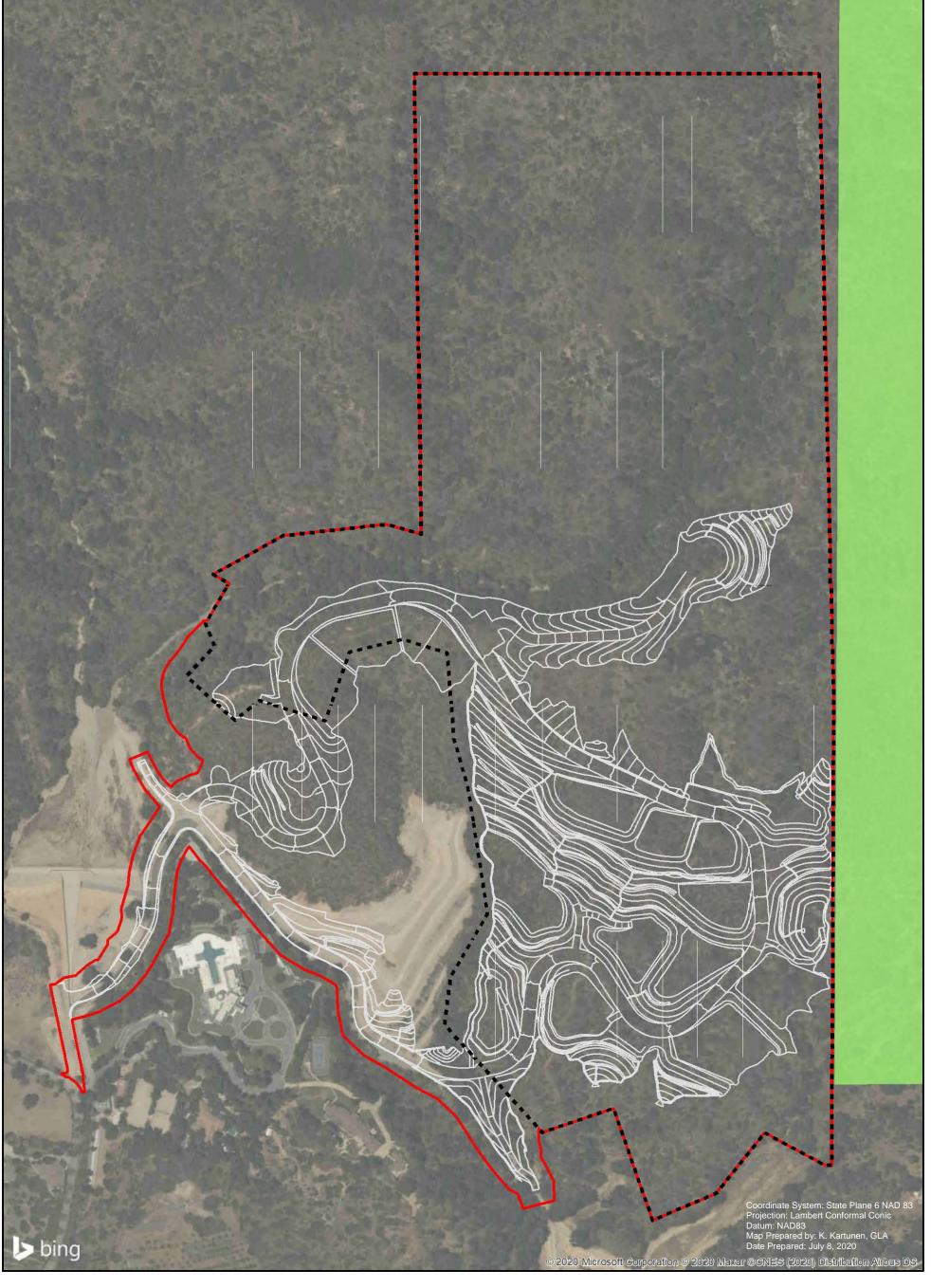
I hereby certify that the statements furnished above and in the attached exhibits present data and information required for this biological evaluation, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

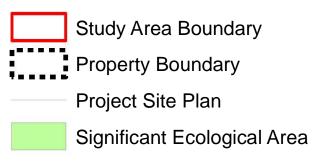
| Caul 7. Mosty | |
|---------------|--------------------|
| Signed: | Date:July 17, 2020 |
| 10.70.00.11 | |

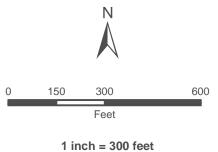
p:1260-02c.biotech.docx

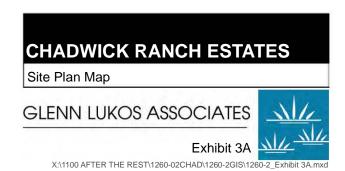
Exhibit 1

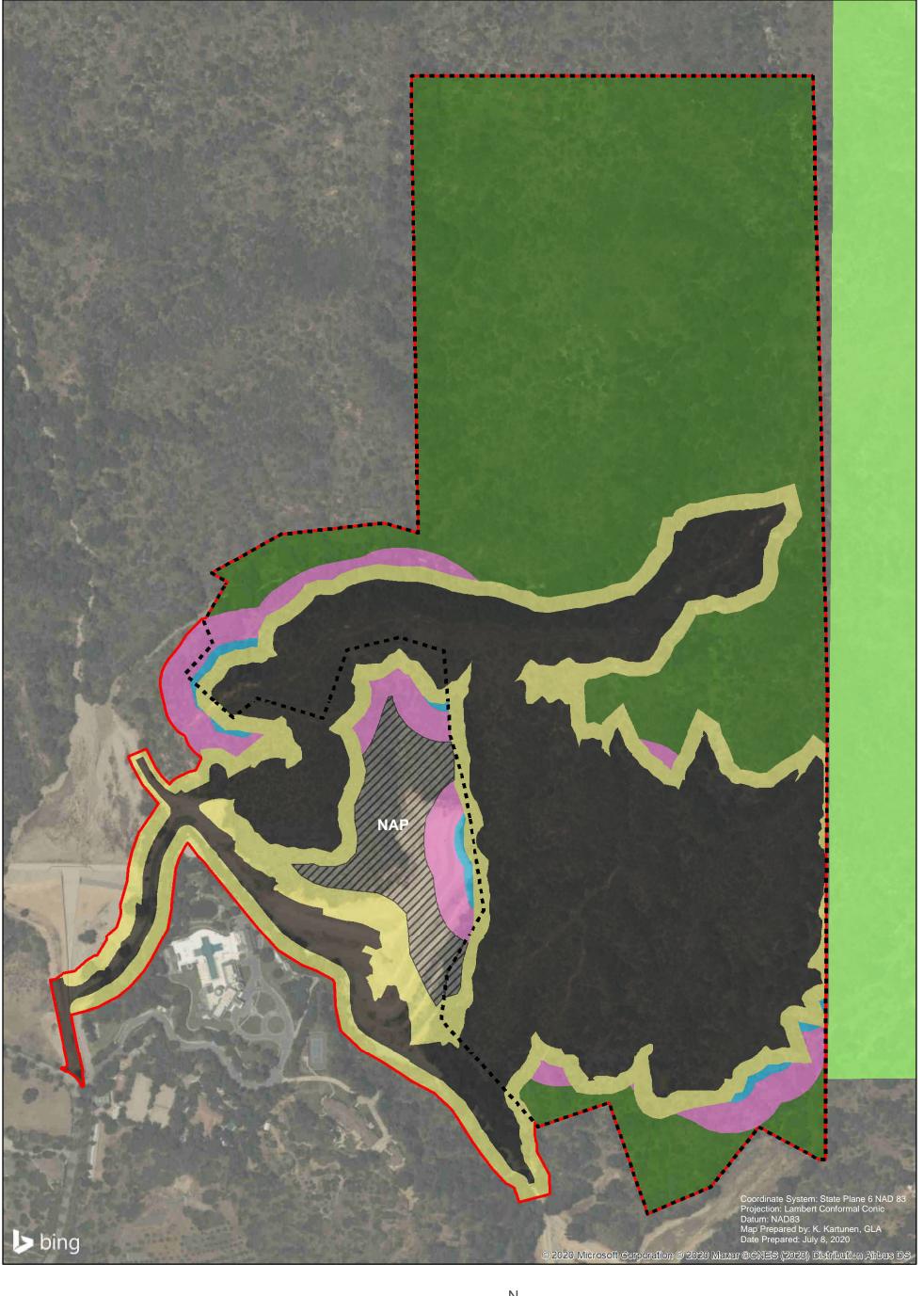
Regional Map

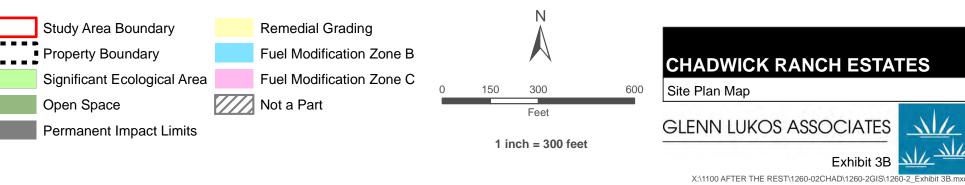


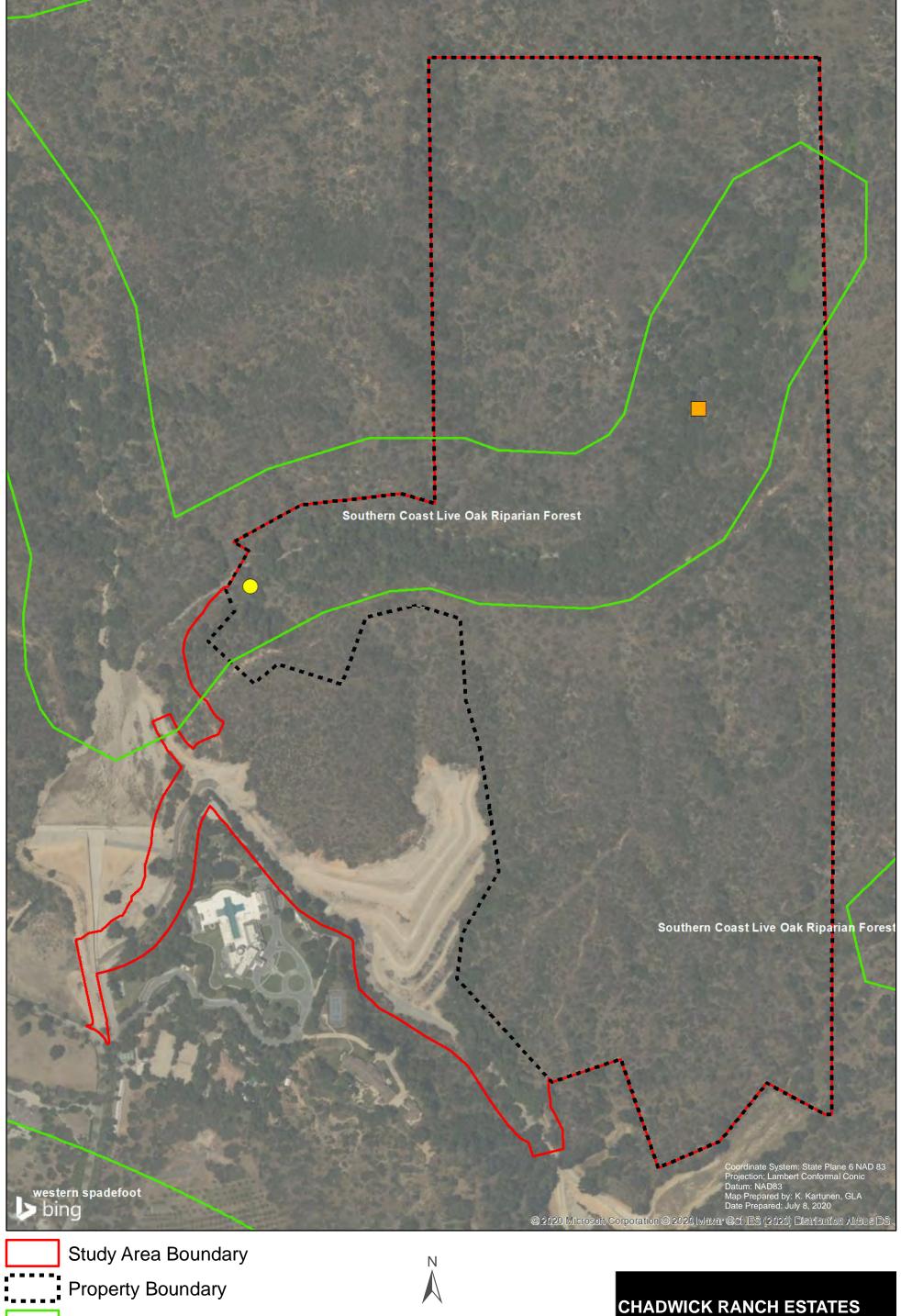














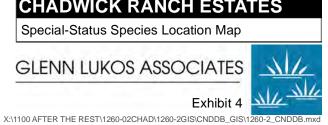
Coast Range Newt

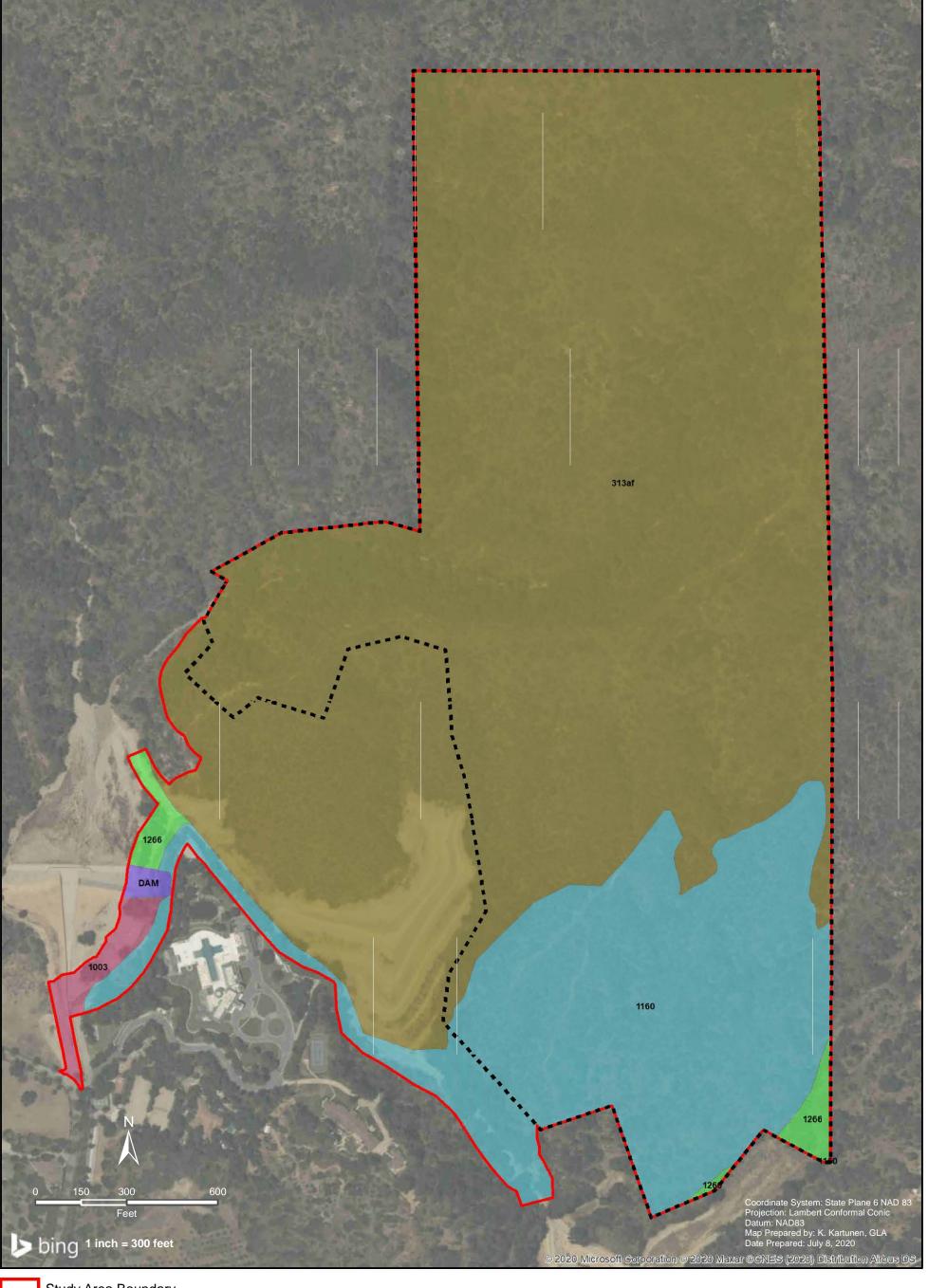
CNDDB

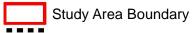
150 300 600 Sp

Feet

1 inch = 300 feet







Property Boundary

1003 - Urban land-Palmview-Tujunga, gravelly complex, 2 to 9 percent slopes

1160 - Padova-Walong complex, 30 to 85 percent slopes

1266 -Soboba and Tujunga soils, 0 to 5 percent slopes, frequently flooded

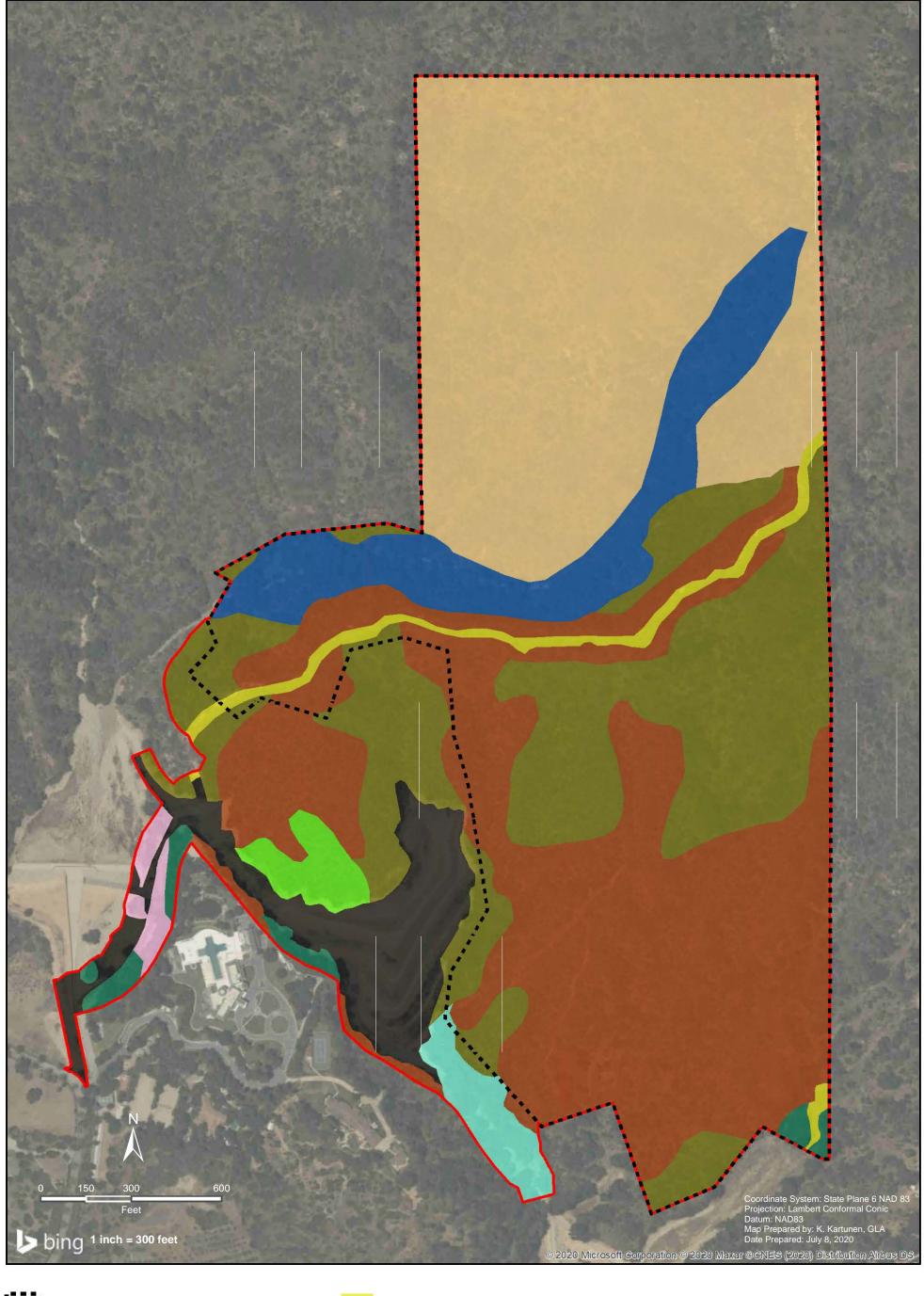
313af - Trigo family, granitic substratum, 60 to 90 percent slopes

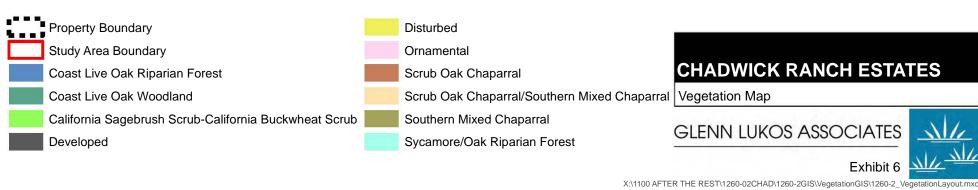
DAM - Dams

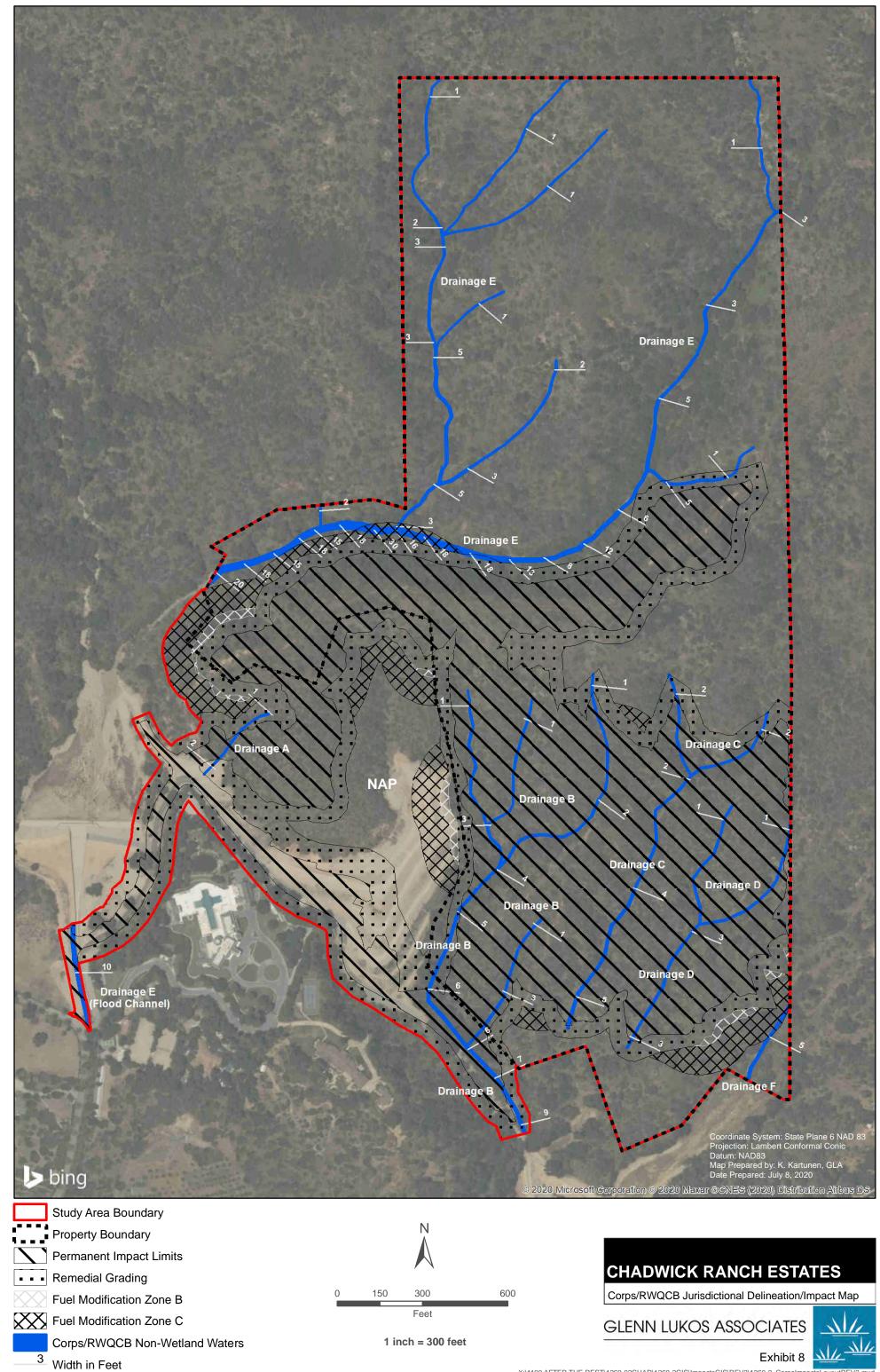


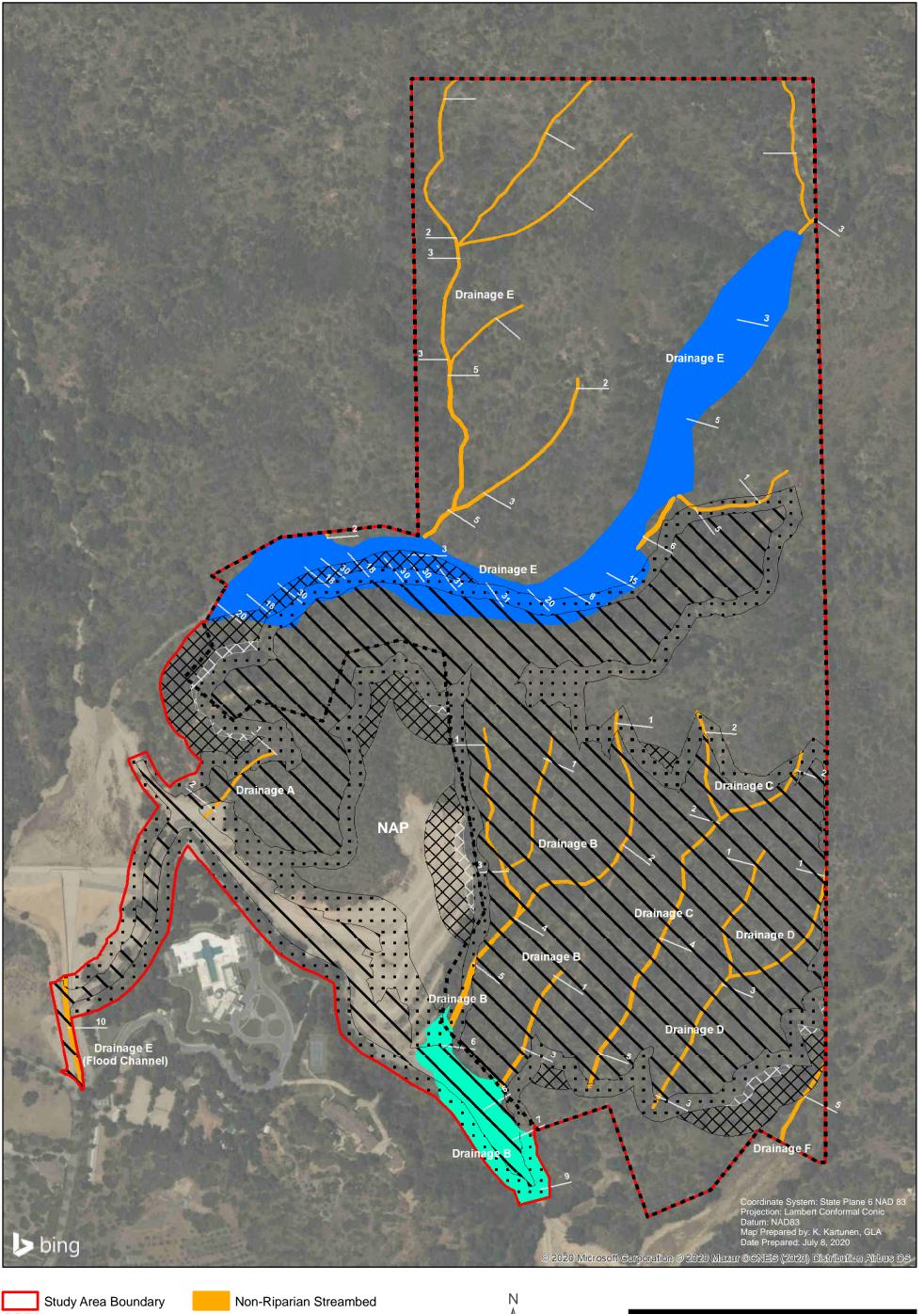


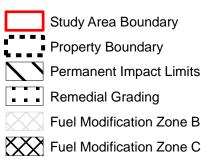


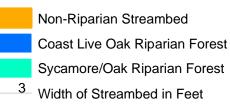


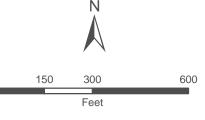












1 inch = 300 feet



GLENN LUKOS ASSOCIATES



Photograph 1. View of the Project site looking south from the northern edge of the development footprint.



Photograph 3: View of the Project site looking west towards the offsite improvement area.



Photograph 2. View of the Project site looking east along the ridge towards the location of the proposed water tank.



Photograph 4. View from the southern portion of the Project site looking east .



Exhibit 9A

GLENN LUKOS ASSOCIATES

CHADWICK RANCH ESTATES
Site Photographs

Exhibit 9B



Photograph 5. View from the southern portion of the offsite improvement area looking at Drainage B.



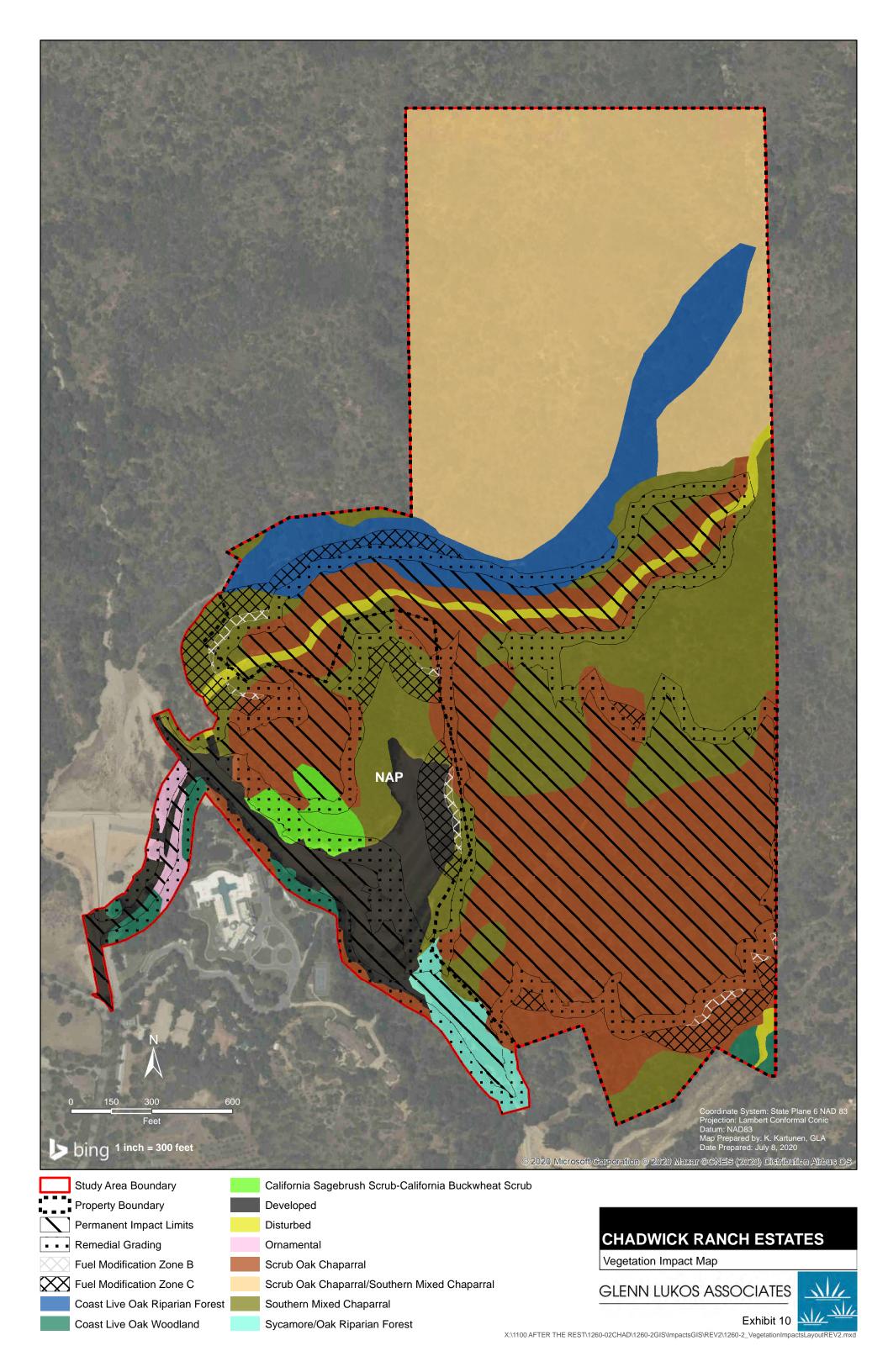
Photograph 7: View of Bradbury Canyon looking east.

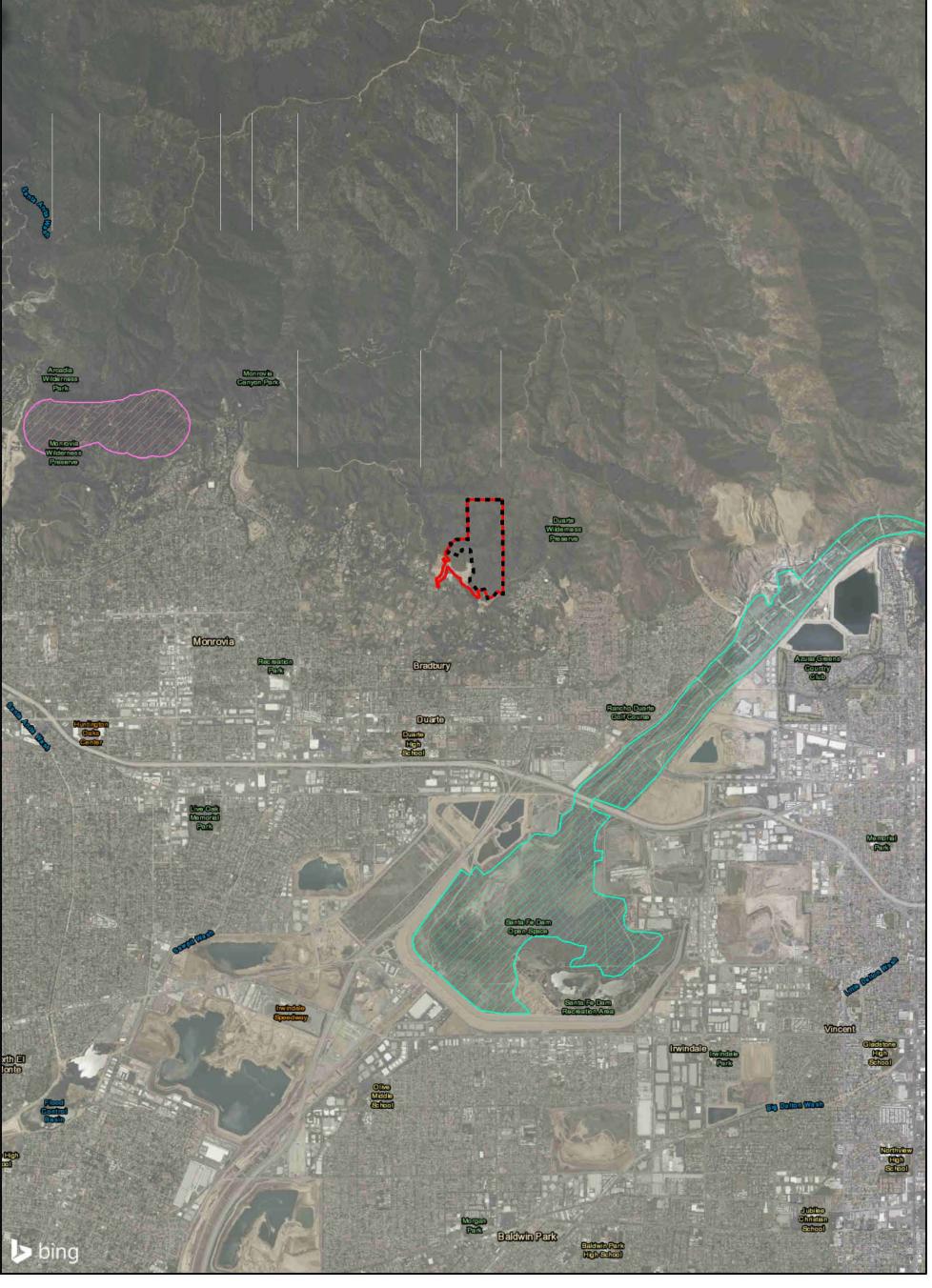


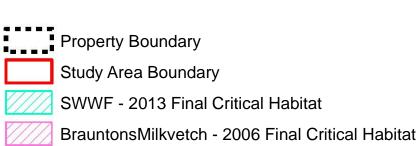
Photograph 6. View from the southeastern portion of the Project site looking at Drainage C.

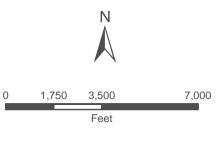


Photograph 8. View of Bradbury Canyon looking east depicting the area where the flows terminated.

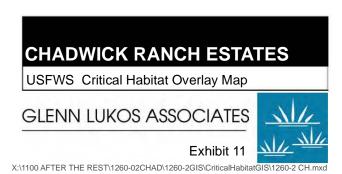








1 inch = 3,500 feet



APPENDIX A

FLORAL COMPENDIUM

The floral compendium lists all species identified during floristic level/focused plant surveys conducted for the Project site. Taxonomy typically follows The Jepson Manual (Baldwin et al 2012). Common plant names are taken from Baldwin et al (2012), CNPS (2020), Calflora (2020), Munz (1974), and Roberts et al (2004) and Roberts (2008). + denotes special status

| Scientific Name | Common Name | Native/Invasive | Growth Form |
|------------------------------|------------------------|-----------------|------------------------|
| Family Adoxaceae | | | |
| Sambucus nigra ssp. caerulea | Blue elderberry | native | Shrub |
| Family Agavaceae | | | |
| Hesperoyucca whipplei | Chaparral yucca | native | Shrub |
| Family Anacardiaceae | | | |
| Malosma laurina | Laurel sumac | native | Tree, Shrub |
| Rhus aromatica | Fragrant sumac | native | Shrub |
| Rhus integrifolia | Lemonade berry | native | Shrub |
| Schinus molle | Peruvian pepper tree | invasive | Tree |
| Toxicodendron diversilobum | Poison oak | native | Vine, Shrub |
| | | | |
| Family Apiacaea | | | , |
| Conium maculatum | Poison hemlock | invasive | Perennial herb |
| Family Arecaceae | | | |
| Washingtonia filifera | California fan palm | native | Tree |
| Family Asteraceae | | | |
| Acourtia microcephala | Sacapellote | native | Perennial herb |
| Artemisia californica | Coastal sage brush | native | Shrub |
| Artemisia douglasiana | California mugwort | native | Perennial herb |
| Baccharis pilularis | Coyote brush | native | Shrub |
| Baccharis salicifolia | Mule fat | native | Shrub |
| Carduus pycnocephalus | Italian thistle | invasive | Annual herb |
| Centaurea melitensis | Tocalote | invasive | Annual herb |
| Cirsium vulgare | Bullthistle | invasive | Perennial herb |
| Hazardia squarrosa | Saw toothed goldenbush | native | Shrub |
| Heterotheca grandiflora | Telegraph weed | native | Annual, Perennial herb |

| Scientific Name | Common Name | Native/Invasive | Growth Form |
|----------------------------|-------------------------------------|-----------------|-------------------------------|
| Pseudognaphalium biolettii | Two-color rabbit-tobacco | native | Perennial herb |
| Silybum marianum | Milk thistle | invasive | Annual, Perennial herb |
| Sonchus oleraceus | Common sow thistle | invasive | Annual herb |
| Family Boraginaceae | | | |
| Emmenanthe penduliflora | Whispering bells | native | Annual herb |
| Phacelia minor | Wild canterbury bells | native | Annual herb |
| Phacelia ramosissima | Branching phacelia | native | Perennial herb |
| Family Brassicaceae | | | |
| Brassica nigra | Black mustard | invasive | Annual herb |
| Hirschfeldia incana | Summer mustard | invasive | Perennial herb |
| Family Cactaceae | | | |
| Opuntia littoralis | Prickly pear | native | Shrub (stem succulent) |
| Family Caprifoliaceae | | | |
| Lonicera subspicata | Southern honeysuckle | native | Shrub |
| Family Caryophyllaceae | | | |
| Stellaria media | Chickweed | non-native | Annual herb |
| Family Chenopodiaceae | | | |
| Chenopodium album | Lambs quarters | non-native | Annual herb |
| Family Convolvulaceae | | | |
| Calystegia macrostegia | Island morning glory | native | Perennial herb, Vine |
| Cuscuta californica | California dodder | native | Annual herb, Vine (parasitic) |
| Family Cucurbitaceae | | | |
| Marah macrocarpa | Chilicothe, wild cucumber, man-root | native | Perennial herb, Vine |
| Family Cupressaceae | | | |
| Cupressus sempervirens | Italian cypress | non-native | Tree |
| Family Fabaceae | | | |
| Acmispon glaber | Deerweed | native | Perennial herb |
| Acmispon strigosus | Strigose lotus | native | Annual herb |
| Lupinus bicolor | Lupine | native | Annual, Perennial herb |

| Scientific Name | Common Name | Native/Invasive | Growth Form |
|--------------------------|-------------------------|-----------------|----------------|
| Lupinus hirsutissimus | Stinging lupine | native | Annual herb |
| Lupinus truncatus | Blunt leaved lupine | native | Annual herb |
| | | | |
| Family Fagaceae | | | |
| Quercus agrifolia | Coast live oak | native | Tree |
| Quercus berberidifolia | Inland scrub oak | native | Tree |
| Quercus engelmannii+ | Engelmann oak | native | Tree |
| | | | |
| Family Grossulariaceae | | | |
| Ribes indecorum | White flowering currant | native | Shrub |
| | Fuchsia flowered | | |
| Ribes speciosum | gooseberry | native | Shrub |
| | | | |
| Family Hamamelidaceae | | | |
| Liquidambar styraciflua | Sweetgum | non-native | Tree |
| | | | |
| Family Lamiaceae | | | |
| Marrubium vulgare | White horehound | invasive | Perennial herb |
| Salvia apiana | White sage | native | Shrub |
| Salvia columbariae | Chia sage | native | Annual herb |
| Salvia mellifera | Black sage | native | Shrub |
| Stachys bullata | Southern hedge nettle | native | Perennial herb |
| | | | |
| Family Montiaceae | | | |
| Claytonia pefoliata | miner's lettuce | native | Annual herb |
| | | | |
| Family Myrsinaceae | | | |
| Lysimachia arvensis | Scarlet pimpernel | non-native | Annual herb |
| | | | |
| Family Myrtaceae | | | |
| Eucalyptus camaldulensis | Red gum | invasive | Tree |
| | | | |
| Family Oleaceae | | | |
| Fraxinus sp. | Ash | invasive | Tree |
| • | | | |
| Family Orobanchaceae | | | |
| Castilleja affinis | Indian paintbrush | native | Perennial herb |
| | | | |
| Family Pinaceae | | | |
| Pinus canariensis | Canary island pine | non-native | Tree |

| Scientific Name | Common Name | Native/Invasive | Growth Form |
|---------------------------------------|------------------------|-----------------|----------------------|
| Pinus halepensis | Aleppo pine | non-native | Tree |
| | | | |
| Family Pittosporaceae | | | |
| Pittosporum sp. | Pittosporum | non-native | Tree, Shrub |
| | | | |
| Family Plantaginaceae | | | |
| Keckiella cordifolia | Heart leaved keckiella | native | Shrub |
| Penstemon centranthifolius | Scarlet bugler | native | Perennial herb |
| Penstemon spectabilis | Showy penstemon | native | Perennial herb |
| • | | | |
| Family Platanaceae | | | |
| Platanus racemosa | California sycamore | native | Tree |
| | | | |
| Family Poaceae | | | |
| Avena fatua | Wildoats | invasive | Annual grass |
| Bromus diandrus | Ripgut brome | invasive | Annual grass |
| Bromus hordeaceus | Soft chess | invasive | Annual grass |
| Bromus madritensis ssp. rubens | red brome | invasive | Annual grass |
| Elymus condensatus | Giant wild rye | native | Perennial grass |
| Pennisetum setaceum | Fountaingrass | invasive | Perennial grass |
| Stipa miliacea | Smilo grass | non-native | Perennial grass |
| | | | |
| Family Polemoniaceae | | | |
| Gilia achilleifolia | California gilia | native | Annual herb |
| v | | | |
| Family Polygonaceae | | | |
| Eriogonum fasciculatum | California buckwheat | native | Shrub |
| | | | |
| Family Phrymaceae | | | |
| , , , , , , , , , , , , , , , , , , , | Chaparral bush | | |
| Diplacus linearis | monkeyflower | native | Shrub |
| | | | |
| Family Proteaceae | | | |
| Grevillea robusta | Silkoak | invasive | Tree |
| | | | |
| Family Ranunculaceae | | | |
| Clematis lasiantha | Pipestem | native | Perennial herb, Vine |
| Delphinium cardinale | Scarlet larkspur | native | Perennial herb |
| | | | |
| | | | |

| Scientific Name | Common Name | Native/Invasive | Growth Form |
|-------------------------|--------------------------------|-----------------|-----------------------|
| Family Rhamnaceae | | | |
| Ceanothus crassifolius | Hoary leaved ceanothus | native | Shrub |
| Rhamnus crocea | Redberry | native | Shrub |
| Rhamnus ilicifolia | Evergreen buckthorn | native | Shrub |
| Family Rosaceae | | | |
| Adenostoma fasciculatum | Chamise | native | Tree, Shrub |
| Heteromeles arbutifolia | Toyon | native | Shrub |
| Prunus salicina | Santa Rosa plum | non-native | Tree |
| Family Rubiaceae | | | |
| Galium aparine | Cleavers | native | Annual herb |
| Family Salicaceae | | | |
| Populus fremontii | Fremont cottonwood | native | Tree |
| Salix gooddingii | Gooding's willow, black willow | native | Tree |
| Salix lasiolepis | Arroyo willow | native | Tree, Shrub |
| Family Solanaceae | | | |
| Nicotiana glauca | Tree tobacco | invasive | Tree, Shrub |
| Solanum douglasii | Douglas' nightshade | native | Perennial herb |
| Solanum xanti | Nightshade | native | Perennial herb, Shrub |
| Family Themidaceae | | | |
| Bloomeria crocea | Golden stars | native | Perennial herb |
| Dichelostemma capitatum | Blue dicks | native | Perennial herb |
| Family Ulmaceae | | | |
| Ulmus parvifolia | Siberian elm | non-native | Tree |

APPENDIX B

FAUNAL COMPENDIUM

The faunal compendium lists species identified within the Specific Plan. Scientific nomenclature and common names for vertebrate species referred to in this report follow Collins (2009) for amphibians and reptiles, Bradley, et al. (2014) for mammals, and AOU Checklist (1998) for birds. * denotes non-native species.

STYLOMMATOPHORA

LAND SNAILS AND SLUGS

MEGOMPHICIDAE

Glyptostoma gabrielense

LEPIDOPTERA

HESPERIIDAE

Erynnis funeralis

PAPILIONIDAE

Papilio zelicaon

PIERIDAE

Eurema lisa

* Pieris rapae

RIODINIDAE

Apodemia virgulti

NYMPHALIDAE

Chlosyne gabbii

AMPHIBIA

SALAMANDRIDAE

Taricha torosa

Land Snails

San Gabriel chestnut

BUTTERFLIES

Skippers

funereal duskywing

Swallowtails

Anise swallowtail

Whites and Sulphurs

little sulphur cabbage white

Metalmarks

Behr's metalmark

Brush-Footed Butterflies

Gabb's checkerspot

AMPHIBIANS

Newts

Coast Range newt

REPTILIA

COLUBRIDAE

Lampropeltis zonata Pituophis catenifer

TEIIDAE

Aspidoscelis tigris

AVES

CATHARTIDAE

Cathartes aura

ACCIPITRIDAE

Accipiter cooperii
Buteo lineatus

FALCONIDAE

Falco sparverius

COLUMBIDAE

* Columba livia Patagioenas fasciata Zenaida macroura

TYTONIDAE

Tyto alba

TROCHILIDAE

Calypte anna Selasphorus sasin

PICIDAE

Melanerpes formicivorus Picoides nuttallii

TYRANNIDAE

Empidonax difficilis Myiarchus cinerascens Sayornis nigricans Sayornis saya Tyrannus verticalis Tyrannus vociferans

REPTILES

Colubrid Snakes

California mountain kingsnake gopher snake

Whiptails And Relatives

western whiptail

BIRDS

New World Vultures

turkey vulture

Hawks And Old World Vultures

Cooper's hawk red-shouldered hawk

Caracaras And Falcons

American kestrel

Pigeons And doves

rock pigeon band-tailed pigeon mourning dove

Barn Owls

barn owl

Hummingbirds

Anna's hummingbird Allen's hummingbird

Woodpeckers And Allies

acorn woodpecker Nuttall's woodpecker

Tyrant Flycatchers

Pacific-slope flycatcher ash-throated flycatcher black phoebe Say's phoebe western kingbird Cassin's kingbird

CORVIDAE

Aphelocoma californica Corvus brachyrhynchos

HIRUNDINIDAE

Stelgidopteryx serripennis

PARIDAE

Baeolophus inoratus

AEGITHALIDAE

Psaltriparus minimus

TROGLODYTIDAE

Thryomanes bewickii Troglodytes aedon

SYLVIIDAE

Polioptila caerulea

TIMALIIDAE

Chamaea fasciata

MIMIDAE

Mimus polyglottos Toxostoma redivivum

PTILOGONATIDAE

Phainopepla nitens

PARULIDAE

Dendroica petechia

EMBERIZIDAE

Aimophila ruficeps Melospiza melodia Pipilo crissalis Pipilo maculatus

CARDINALIDAE

Pheucticus melanocephalus

ICTERIDAE

Icterus bullockii Icterus cucullatus

Crows And Jays

western scrub-jay American crow

Swallows

northern rough-winged swallow

Chickadees And Titmice

oak titmouse

Long-Tailed Tits And Bushtits

bushtit

Wrens

Bewick's wren house wren

Old World Warblers And Gnatcatchers

blue-gray gnatcatcher

Babblers

wrentit

Mockingbirds And Thrashers

northern mockingbird California thrasher

Silky-flycatchers

phainopepla

Wood Warblers And Relatives

yellow warbler

Emberizids

rufous-crowned sparrow song sparrow California towhee spotted towhee

Cardinals, Grosbeaks And Allies

black-headed grosbeak

Blackbirds

Bullock's oriole hooded oriole

FRINGILLIDAE

Carpodacus mexicanus Spinus psaltria Spinus tristis

MAMMALIA

LEPORIDAE

Sylvilagus audubonii Sylvilagus bachmani

GEOMYIDAE

Thomomys bottae

CANIDAE

* Canis familiaris
Canis latrans
Urocyon cinereoargenteus

URSIDAE

* Ursus americanus

PROCYONIDAE

Procyon lotor

MEPHITIDAE

Mephitis mephitis

FELIDAE

Lynx rufus Puma concolor

CERVIDAE

Odocoileus hemionus

Fringilline And Cardueline Finches and Allies

house finch lesser goldfinch American goldfinch

MAMMALS

Rabbits And Hares

desert (Audubon's) cottontail brush rabbit

Pocket Gophers

Botta's pocket gopher

Foxes, Wolves And Allies

feral dog coyote gray fox

Bears

black bear

Raccoons And Allies

raccoon

Skunks

striped skunk

Cats

bobcat mountain lion

Deer, Elk And Allies

mule deer

Prepared for:

Nevis Capital LLC

335 North Berry Street Brea, California 9282 I Contact: Jeff Lee

Prepared by:

DUDEK

38 North Marengo Avenue Pasadena, California 91101 Contact: Chris Kallstrand

MAY 2021



TABLE OF CONTENTS

| Sec | <u>Page No.</u> | | | | | |
|-----|-----------------|-----------------------------------------|----|--|--|--|
| 1 | INT | RODUCTION | 1 | | | |
| | 1.1 | Site Description | 2 | | | |
| | 1.2 | Project Description | | | | |
| | 1.3 | Methods | 7 | | | |
| | | 1.3.1 Individual Tree Evaluation | 7 | | | |
| | | 1.3.2 Scope of Work Limitations | 8 | | | |
| 2 | OBS | SERVATIONS | 11 | | | |
| 3 | TRE | EE PRESERVATION | 13 | | | |
| | 3.1 | Regulatory Definitions and Requirements | 13 | | | |
| | | 3.1.1 City of Bradbury | | | | |
| | | 3.1.2 Migratory Bird Treaty Act | 14 | | | |
| | 3.2 | Impacts | 14 | | | |
| | | 3.2.1 Direct Tree Impacts | 15 | | | |
| | | 3.2.2 Indirect Tree Impacts | 16 | | | |
| | | 3.2.3 Tree Removals Due to Health | 17 | | | |
| | | 3.2.4 Overall Tree Impacts Summary | 18 | | | |
| 4 | MIT | TIGATION | 19 | | | |
| | 4.1 | Potential Relocation Candidates | 20 | | | |
| | 4.2 | Tree Removal Permit | 20 | | | |
| 5 | CON | NCLUSIONS | 21 | | | |
| 6 | REF | FERENCES | 23 | | | |
| APF | PEND | ICES | | | | |
| A | Tree | Location Exhibit | | | | |
| В | Tree | Tree Information Matrix | | | | |
| C | Prote | Protected Tree Impact Exhibit | | | | |
| D | Tree | Tree Protection Measures | | | | |
| E | Landscape Plan | | | | | |

TABLE OF CONTENTS (CONTINUED)

| | | Page No. |
|-----|---------------------------------------------------------------------|----------|
| FIC | GURES | |
| 1 | Regional Map | 3 |
| 2 | Vicinity Map | 5 |
| 3 | Project Survey Area | 9 |
| TA | BLES | |
| 1 | Summary of Trees Chadwick Ranch Project Site | 12 |
| 2 | Summary of All Direct Tree Impacts – Chadwick Ranch | 15 |
| 3 | Summary of Indirect Tree Impacts – Chadwick Ranch | 16 |
| 4 | Summary of Health Related Removals – Chadwick Ranch | 17 |
| 5 | Summary of Impacts and Recommended Mitigation for Protected Trees – | |
| | Chadwick Ranch | 20 |

1 INTRODUCTION

Dudek evaluated and recorded information about regulated trees classified as native, prominent, significant, and orchard trees expected to exceed or exceeding 4 inches in diameter at 24 inches above finished grade and prepared this Tree Preservation and Protection Plan (TPPP) for the proposed Chadwick Ranch Project (project) in the City of Bradbury (City), California. Primary topics of this TPPP include evaluations of proposed project-related impacts and recommendations for tree protection, relocation, removal, and mitigation. The project site is located on private land within in the City, bordering just south of the Angeles National Forest.

This TPPP provides a summary of Dudek's site and tree evaluation within the proposed development and infrastructure improvement areas. There are eight native tree species that meet the City's definition of a native tree: western sycamore (*Platanus racemosa*), coast live oak (*Quercus agrifolia*), California scrub oak (*Quercus berberidifolia*), Engelmann oak (*Quercus engelmannii*), western cottonwood (*Populus fremontii*), toyon (*Heteromeles arbutifolia*), arroyo willow (*Salix lasiolepis*), and Mexican elderberry (*Sambucus mexicana*). Of the eight native species found on site, coast live oak and California scrub oak are the most prominent. Non-native trees found on site include Italian cypress (*Cupressus sempervirens*), red river gum (*Eucalyptus camaldulensis*), ash tree (*Fraxinus* species), silkoak (*Grevillea robusta*), American sweetgum (*Liquidambar styraciflua*), Canary Island pine (*Pinus canariensis*), Afghan pine (*Pinus eldarica*), Aleppo pine (*Pinus halepensis*), pittosporum (*Pittosporum* spp.), Santa Rosa plum (*Prunus salicina*), southern live oak (*Quercus virginiana*), Peruvian pepper (*Schinus molle*), Chinese elm (*Ulmus parvifolia*), and California fan palm (*Washingtonia filifera*).

Dudek's International Society of Arboriculture (ISA)-certified arborists performed various tasks associated with surveying, inventorying, and evaluating the condition of the property's trees, as described in the following sections. The purpose of this TPPP is to present the physical characteristics, mapped locations, impact and preservation totals, and appropriate mitigation for impacts to native and other protected trees. The tree quantities and related project impacts have been analyzed and are reported in the following sections.

In summary, the Chadwick Ranch tree survey area (grading limits + fuel modification zones) exhibits a primarily native scrub oak woodland setting, with non-native trees and scattered large oaks on the canyon floor areas of the property. Of the 2,287 trees inventoried there are 928 protected trees located throughout the project site, 811 of which are native (35.46%) and 67 of which are non-native significant trees (2.93%). There were 50 (2.19%) dead or critical health hazard trees observed. Additionally, 1,359 (59.42%) undersized trees may have the potential to exceed the standards within the City's Municipal Code. Based on species type, site climatic conditions, and hydrology of the site, these undersized trees are not likely to exceed the standards

within the lifetime of this project. Of the 928 protected trees on site, 428 are expected to be impacted by the proposed project and associated infrastructure improvements.

1.1 Site Description

The approximately 111.8-acre project site is located generally north of Flood Control Road, east of a flood control basin, west of Spinks Canyon Road, and immediately south of the Angeles National Forest, within the City of Bradbury, Los Angeles County, California (Figure 1). The site includes Assessor's Parcel Numbers (APNs) 8527-001-010, 8527-005-001, and 8527-005-004, situated in Section 19, Township 1 North, Range 10 West Azusa 7.5-minute U.S. Geological Survey quadrangle (Figure 2). The project site is located on private land just south of the Angeles National Forest.

The topography within the project site consists of primarily moderate to steep hillsides with native vegetated canyon floors. The project site is primarily undeveloped and composed of natural vegetation dominated by coast live oak woodlands along the canyons and scrub oak woodlands along the slopes and ridges. Non-native vegetation is primarily along the Flood Control Road and southern boundary of the project site.

1.2 Project Description

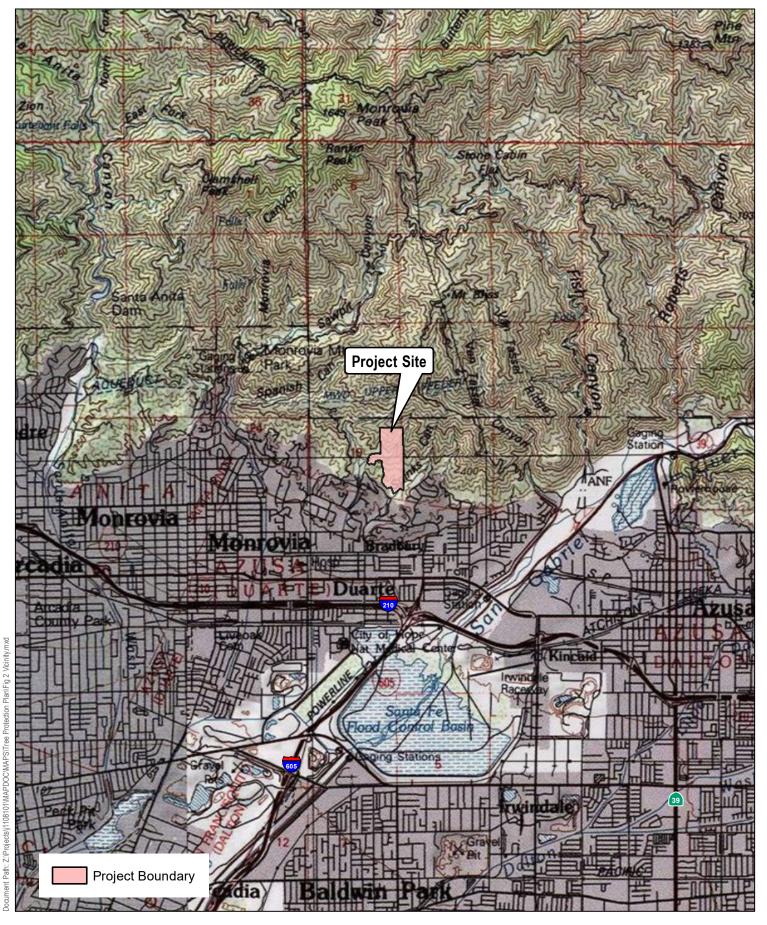
The project involves construction of 14 single-family estate homes on approximately 111.8 acres located near the northeastern edge of the incorporated City of Bradbury in the County of Los Angeles, California. The project site is currently undeveloped and is located along the northern fringe of the urbanized portion of the Los Angeles basin at the base of the San Gabriel Mountains in the Angeles National Forest. Bordering the southern boundary of the project site are the Spinks Debris Basin, Spinks Debris Disposal Area, and the Bradbury Debris Basin, all of which are flood control facilities owned and operated by the Los Angeles County Flood Control District. The western property boundary is adjacent to naturally vegetated open space areas and a proposed residential community; open space (Duarte Wilderness Preserve) and existing single-family residences border the eastern property boundary; and naturally vegetated open space lands within the Angeles National Forest border the northern property boundary. The proposed development will be situated on three parcels intended for the construction of residential estates comprised of APNs 8527-005-001, 8527-005-004, and 8527-001-010. Thirteen additional parcels would be committed to nonresidential uses, including open space, backbone circulation system, requisite infrastructure, a water tank, a booster station, and debris and water basins. Primary access to the site will be via the Bliss Canyon Road/Long Canyon Road intersection, located within the Bradbury Estates Community, requiring travel through the Los Angeles County Flood Control District property holdings to an entrance at the westernmost extension of the project site

DUDEK & 0 5 10 Miles

Document Path: Z:\Projects\j1108101\MAPDOC\MAPS\Tree Protection Plan\Fig 1 Regional.mxd

SOURCE: ESRI

INTENTIONALLY LEFT BLANK



SOURCE: USGS 7.5 Minute Series, Azusa Quadrangle

DUDEK

5,400 Feet FIGURE 2 Vicinity Map

INTENTIONALLY LEFT BLANK

1.3 Methods

1.3.1 Individual Tree Evaluation

Dudek mapped and collected tree attribute information for all trees within and immediately adjacent to the tree survey area (Figure 3 – Survey Area) meeting the City's definition of a "protected tree," which includes native, prominent, significant, and orchard trees that have a minimum or expected diameter of 4 inches at 24 inches above final grade. The location of each individual mature tree was mapped using a Trimble Pathfinder Pro XH Global Positioning System (GPS) receiver (Appendix A). The Pathfinder has a horizontal accuracy of 1 meter (1 sigma) using differential code positioning techniques. Since tree canopies can sometimes cause loss of satellite lock by blocking the line-of-sight to satellites, an electronic compass and reflectorless electronic distance measuring device was also used in mapping tree locations. The electronic distance measuring/compass combination operates in concert with the Pathfinder system to position offsets, and offset information is automatically attached to the GPS position data string. Protected trees were tagged in the field with an aluminum tree tag bearing a unique identification number. The tags were placed on the trunk of each inventoried tree, and tag numbers correspond with the individual tree data presented in Appendix B.

Concurrent with tree mapping efforts, Dudek arborists collected tree attribute data, including species, quantity of individual trunks, individual trunk diameters, overall height, canopy extent, and general health and structural conditions. Trunk diameter measurements were collected at 24 inches above the ground along the trunk axis as described in Section 9.06.090.030 of the City's Municipal Code, with a few common exceptions. In cases where a tree's trunk is located on a slope, the 2-foot distance was approximated as the average of the shortest and longest sides of the trunk (i.e., the uphill side and downhill side of a tree's trunk, respectively), and the measurement was made at the circumference of the trunk at this point. Tree height measurements were ocular estimates made by experienced field arborists. Tree canopy diameters were typically estimated by "pacing-off" the measurement based on the investigator's knowledge of his stride length or by visually estimating the canopy width. The tree crown diameter measurements were made along an imaginary line intersecting the tree trunk that best approximated the average canopy diameter.

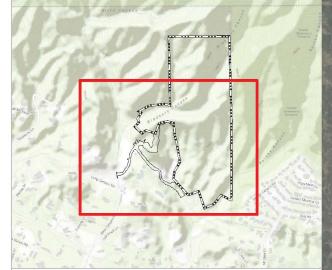
Pursuant to the *Guide for Plant Appraisal* (ISA 2000), tree health and structure were evaluated with respect to five distinct tree components: roots, trunk(s), scaffold branches, small branches, and foliage. Each component of the tree was assessed with regard to health factors such as insect, fungal, or pathogen damage; fire damage; mechanical damage; presence of decay; presence of wilted or dead leaves; and wound closure. Components were graded as *good*, *fair*, *poor*, and *dead*, with *good* representing no apparent problems, and *dead* representing a dying and/or dead tree. This method of tree condition rating is comprehensive and results in ratings

that are useful for determining the status of trees based on common standards. Trees in natural settings have important habitat value, as evidenced by numerous cavity nesters and insects that thrive on and within oak trees, even when they are considered in poor structural or health condition. However, this assessment focuses on tree condition with regard to health and structure for purposes of analyzing potential project impacts and where necessary, providing recommendations for mitigating potential tree hazards, such as trees with weak limb attachments, cavities and rot, or excessive lean.

Upon completion of field data collection and mapping, raw GPS data was post-processed using GPS Pathfinder Office (version 3.10), and individual tree location data was compiled and updated in a geographic information system (GIS). The digital tree locations were linked to individual tree identification numbers and associated tree attribute data. This dataset was then evaluated using ArcGIS (version 10.1) software to determine the position of individual trees related to the proposed project development areas. Data resulting from this analysis was used to evaluate the individual tree impact totals presented in this report.

1.3.2 Scope of Work Limitations

No root crown excavations or investigations, aerial evaluations, or internal probing was performed during the tree assessments. Therefore, the presence or absence of internal decay or other hidden inferiorities in individual trees could not be confirmed. It is recommended that any large tree proposed for preservation in an area that receives human use be thoroughly inspected for internal, or subterranean, decay by a qualified ISA-certified arborist before finalizing preservation plans.



Tree Survey Area Change

- Preserve Addition (35)
- Impact to Preserve (134)
- Preserve to Impact (30)
- Impact Change (271)
- Impact Addition (132)
- No Change (1,685)

Impact

Open Space



Permanent

Remedial



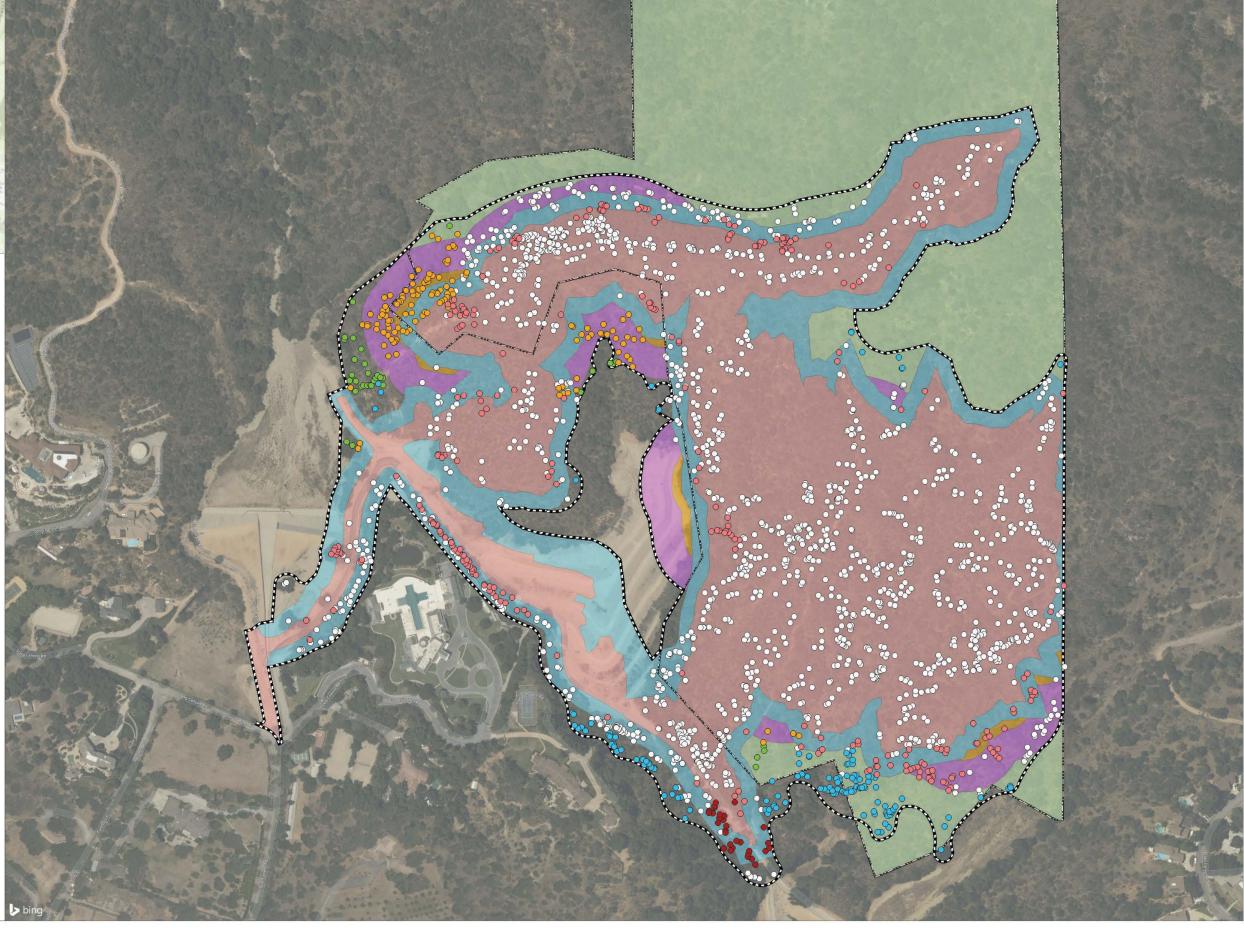
Zone B



Zone C



Property Boundary





INTENTIONALLY LEFT BLANK

2 OBSERVATIONS

There are 2,287 trees located within and immediately adjacent to the Chadwick Ranch tree survey area (grading foot print + fuel modification zones) and include 21 different tree species. As Table 1 indicates, most of the inventoried trees (96.06% or 2,197 trees) are native to California, including coast live oak, California scrub oak, Engelmann oak, western sycamore, toyon, Southern California scrub oak, and Mexican elderberry. The coast live oak and Engelmann oak trees are considered the highest value trees on this site. Non-native tree species make up a small portion of the inventoried trees at 3.94% (90 trees). Table 1 provides a summary of the 21 species mapped and evaluated within the tree survey area. The Tree Location Exhibit in Appendix A presents the location of the individual trees mapped and assessed for the Chadwick Ranch project.

Overall, the trees exhibit growth and structural conditions that are typical of their locations as landscape and natural native trees. The trees include various trunk and branch maladies as well as varying health and structural conditions. As presented in the Tree Information Matrix in Appendix B, most of the individually mapped trees, a total of 67.86% (1,522 trees), exhibit fair health condition; 17.84% (408 trees) are in good health condition; 11.98% (274 trees) are in poor health; 0.31% (7 trees) are in critical health; and 2.01% (46 trees) are dead. Structurally, 10.63% (243 trees) of the individually mapped trees are considered to exhibit good structure; 76.04% (1,739) trees) exhibit fair structure; 11.02% (252 trees) exhibit poor structure; 0.31% (7 trees) exhibit critical structure; and 2.01% (46 trees) are dead. Good condition trees exhibit acceptable vigor, healthy foliage, adequate structure, and lack of any major maladies. Fair condition trees are typical, with few maladies, but declining vigor. Poor condition trees exhibit declining vigor, unhealthy foliage, poor branch structure, or excessive lean. Critical condition trees exhibit levels exceeding those of poor condition trees but are also likely to be dead within 3 to 6 months. Many native trees on the upper slopes of the property have died or declined as a result of the 2011–2017 statewide drought and secondary pests. The primary causal agent for tree decline and death, within the survey area, is drought. Secondary pests and pathogens attack only after a plant has been weakened by another stress, such as drought. Secondary pests are often a symptom of other problems with the health of the tree, but may contribute to its decline. Individual pests and pathogens observed on-site include, but are not limited to, western oak bark beetle (Pseudopityophthorus pubipennis), ambrosia beetle (Monarthrum spp.), flathead borers (Chrysobothris spp.), sulfur fungus (Laetiporus spp.), canker rots, and hypoxylon (Hypoxylon thouarsianum).

Table 1
Summary of Trees Chadwick Ranch Project Site

| Scientific Name | Common Name | Number of Trees |
|--------------------------|----------------------|-----------------|
| Cupressus sempervirens | Italian cypress | 19 |
| Eucalyptus camaldulensis | Red River gum | 9 |
| Fraxinus spp. | ash species | 1 |
| Grevillea robusta | silkoak | 1 |
| Heteromeles arbutifolia | toyon | 163 |
| Liquidambar styraciflua | American sweetgum | 1 |
| Pinus canariensis | Canary Island pine | 9 |
| Pinus eldarica | Afghan pine | 1 |
| Pinus halepensis | Aleppo pine | 28 |
| Pittosporum spp. | pittosporum species | 1 |
| Platanus racemosa | western sycamore | 49 |
| Prunus salicina | Santa Rosa plum | 3 |
| Quercus agrifolia | coast live oak | 501 |
| Quercus berberidifolia | California scrub oak | 1,382 |
| Quercus engelmannii | Engelmann oak | 1 |
| Quercus virginiana | southern live oak | 1 |
| Salix lasiolepis | arroyo willow | 3 |
| Sambucus mexicana | blue elderberry | 100 |
| Schinus molle | Peruvian pepper | 9 |
| Ulmus parvifolia | Chinese elm | 1 |
| Washingtonia filifera | California fan palm | 4 |
| | Total | 2,287 |

Trees within the tree survey area vary in size and stature according to species and available growing space. The site's coast live oak and Engelmann oak trees are primarily single-stemmed with trunk diameters (diameter at 24 inches above finished grade) ranging from 1 inch to 44 inches. Multistemmed oak trees with 2 to 8 stems have combined diameters up to 71 inches. Single and multistemmed non-native species have diameters between 1 and 44 inches. Tree heights vary from 1 foot to 75 feet. Tree canopy extents range from 1 foot to nearly 75 feet. Over 75% of the trees on site exhibit canopy spreads that are greater than 25 feet across at their widest points.

3 TREE PRESERVATION

3.1 Regulatory Definitions and Requirements

The following section summarizes the relevant policies regulating tree impact and removal associated with the Chadwick Ranch Project.

3.1.1 City of Bradbury

The City's Tree Preservation and Protection Ordinance (Chapter 9.06.090 of the City's Municipal Code; City of Bradbury 2012) requires a tree report be prepared for removal of protected trees species.

Section 9.118.030 (Definitions):

- Tree: Tree means a woody perennial plant which usually has, but is not limited to, a single dominant trunk and has a mature height of 15 feet or more, or has a trunk diameter of four inches or more measured at 24 inches above finished grade.
- Native Tree: Native tree means any woody plant species indigenous to the desert, foothills or canyons of southern California prior to the California Mission Period, provided that the plant has an expected mature trunk size of six inches DBH [diameter at breast height] and has an expected mature height of15 feet or higher. Giant sequoias, redwoods (Sequoiadendron sempervirens), and dawn redwoods (Metasequoia glyptostroboides), evergreen native oaks (such as Quercus agrifolia, engelmannii), deciduous oaks (such as Quercus lobata, and kelloggii) are to be regarded as important native trees even though they have been planted by man, introduced (or possibly reintroduced) into the Southern California foothill and canyon environments.
- **Prominent Tree:** means a woody perennial plant with a trunk DBH of six inches or more, and having an expected mature height of 15 feet or higher.
- **Significant Tree:** means any non-native or exotic tree with a trunk DBH of six inches or more, and having an expected mature height of 15 feet or higher, and known to survive in the southern California environment.

Section 9.118.060 - Regulations, controls and prohibitions:

• **Removal of Native Trees and/or Prominent Trees:** No prominent tree, native tree or any other tree defined in Section 9.118.030 and/or which is of a

desirable genus and species shall be removed without first obtaining a permit to do so. The City Manager shall issue such permits only after the presentation of photographs and/or drawings showing that the prominent tree is a significant health or fire hazard or has become an extremely severe detriment to the view of the mountains or valley from house sites. A 14-day waiting period is created hereby, during which time appeals to any decisions, restrictions or conditions made by the City Manager on the permit may be submitted in writing to the Planning Commission. Should an appeal be filed, the 14-day holding period is extended automatically until the next Planning Commission meeting for which the item can be placed on the agenda.

3.1.2 Migratory Bird Treaty Act

The Migratory Bird Treaty Act (1918) requires tree removal and potentially disturbing construction activities to occur during certain times to avoid harassment of nesting birds. According to this act, no construction or other disturbing activities can occur within 500 feet of an active bird nest during the period beginning in January and ending in June each year. Biological surveys should be conducted to provide clearance for project initiation.

3.2 Impacts

DUDEK

Tree impacts were determined using GIS technology and spatial locations of trees relative to the project impact areas (limits of grading and fuel modification zones). Impacts were further determined based on Dudek's experience with native and non-native trees and their typical reactions to root disturbances from construction activities such as soil compaction, excavation, and remedial grading. The impact analysis results presented herein were utilized for developing appropriate mitigation measures for the project.

Impacts to trees can be classified as either direct or indirect. Direct impacts to trees related to site improvements are typically the result of physical injuries or changes caused by machinery involved with the development process. Direct impacts include tree removal, root damage, soil excavation and compaction, grade changes, loss of canopy, and trunk wounds, among others. Indirect impacts to trees are the result of changes to the site that may cause tree decline, even when the tree is not directly injured. Indirect impacts include alterations to stream flow rates, diversion of groundwater flow, introduction of exotic plant species, and alterations to disturbance regimes. Wider-scale alterations to the area near trees and specific changes that occur around the trees are important considerations.

In general, there is a great deal of variation in tolerance to construction impacts among tree species, ages, and conditions. It is important to know how a certain tree, based on its species, age, and condition, would respond to different types of disturbance. The trees in the proposed project area are of varying ages and conditions. Mature specimens are typically more sensitive to root disturbance and grade changes. In general, healthy trees will respond better to changes in their growing environment. Trees of poor health or stressed conditions may not be vigorous enough to cope with direct or indirect impacts from construction activities.

Impact totals presented herein are based on conceptual disturbance limits, fuel modification zones, and development plans as of the date of this TPPP. Therefore, the actual number of trees that are subject to direct and indirect impacts may change as the detailed site planning process proceeds.

3.2.1 Direct Tree Impacts

For the purposes of this report, direct impacts are those associated with tree removal or encroachment within the tree protection zone (canopy drip line plus 5 feet or 15 feet from trunk, whichever is greater). Tree removal is expected to be required when the trunk is located inside or within 2 feet of the proposed limits of grading. Encroachment is expected when soil and roots are disturbed within the tree protection zone. Table 2 summarizes the total number of trees, by species that are expected to be subject to direct construction-related impacts. The locations of impacted trees, by impact type, are presented in the map in Appendix C. Measures to minimize the extent of impact to preserved trees are provided in Appendix D.

Table 2
Summary of All Direct Tree Impacts – Chadwick Ranch

| Scientific Name | Common Name | Removal – Protected | Removal – Not Protected | Encroachment – Protected | Encroachment - Not Protected | Total Trees |
|----------------------------|---------------------|------------------------|-------------------------------|-----------------------------|-------------------------------|----------------|
| Cupressus sempervirens | Italian cypress | _ | _ | 3 | _ | 3 |
| Fraxinus spp. | ash species | _ | 1 | _ | _ | 1 |
| Grevillea robusta | silkoak | _ | 1 | _ | _ | 1 |
| Heteromeles arbutifolia | toyon | 20 | 60 | 2 | 2 | 84 |
| Liquidambar styraciflua | American sweetgum | 1 | _ | _ | _ | 1 |
| Pinus canariensis | Canary Island pine | 1 | _ | _ | _ | 1 |
| Pinus eldarica | Afghan pine | 1 | _ | _ | _ | 1 |
| Pinus halepensis | Aleppo pine | 6 | _ | 4 | _ | 10 |
| Platanus racemosa | western sycamore | 26 | 2 | 2 | _ | 30 |

Table 2
Summary of All Direct Tree Impacts – Chadwick Ranch

| Scientific Name | Common Name | Removal – Protected | Removal – Not Protected | Encroachment – Protected | Encroachment - Not Protected | Total Trees |
|---------------------------|----------------------|------------------------|-------------------------------|-----------------------------|-------------------------------|----------------|
| Quercus agrifolia | coast live oak | 142 | 55 | 36 | 6 | 239 |
| Quercus berberidifolia | California scrub oak | 139 | 853 | 13 | 28 | 1,033 |
| Quercus englemannii | Englemann oak | _ | _ | 1 | _ | 1 |
| Salix lasiolepis | arroyo willow | 1 | _ | _ | _ | 1 |
| Sambucus mexicana | blue elderberry | 18 | 22 | 3 | 3 | 46 |
| Schinus molle | Peruvian pepper | 2 | _ | 2 | 1 | 5 |
| Ulmus parvifolia | Chinese elm | 1 | _ | _ | _ | 1 |
| Washingtonia filifera | California fan palm | 4 | _ | _ | _ | 4 |
| | Totals | 362 | 994 | 66 | 40 | 1,462 |

3.2.2 Indirect Tree Impacts

Indirect impacts to trees are the result of changes to the site that may cause tree decline, even when the tree is not directly injured. Site-wide changes affecting trees include diverting runoff and stormwater, creating retention and detention ponds, relocating streams or making improvements to streams, lowering or raising water tables, altering the capacity for soil moisture recharge, removing vegetation, or damming underground water flow (Matheny and Clark 1998). For the purposes of this report, indirect tree impacts are expected for trees within 25 feet of the project's limits of grading and not subject to removal or encroachment. Trees located in fuel modification zones are also typically considered indirectly impacted due to crown raising and ladder fuel management. Table 3 presents the number of trees expected to be indirectly impacted by the proposed project.

Table 3
Summary of Indirect Tree Impacts – Chadwick Ranch

| Scientific Name | Common Name | Indirect Impact – Protected | Indirect Impact – Non-protected Size | Total Trees |
|--------------------------|--------------------|--------------------------------|-----------------------------------------|-------------|
| Cupressus sempervirens | Italian cypress | 6 | 6 | 12 |
| Eucalyptus camaldulensis | Red River gum | 9 | _ | 9 |
| Heteromeles arbutifolia | toyon | 7 | 55 | 62 |
| Pinus canariensis | Canary Island pine | 7 | 1 | 8 |
| Pinus halepensis | Aleppo pine | 15 | 2 | 17 |

Table 3
Summary of Indirect Tree Impacts – Chadwick Ranch

| Scientific Name | Common Name | Indirect Impact – Protected | Indirect Impact – Non-protected Size | Total Trees |
|------------------------|----------------------|--------------------------------|-----------------------------------------|-------------|
| Pittosporum spp. | pittosporum species | | 1 | 1 |
| Platanus racemosa | western sycamore | 14 | _ | 14 |
| Prunus salicina | Santa Rosa plum | - | 3 | 3 |
| Quercus agrifolia | coast live oak | 181 | 22 | 203 |
| Quercus berberidifolia | California scrub oak | 105 | 123 | 228 |
| Quercus engelmannii | Engelmann oak | _ | _ | 0 |
| Quercus virginiana | southern live oak | 1 | _ | 1 |
| Salix lasiolepis | arroyo willow | 2 | _ | 2 |
| Sambucus mexicana | Blue elderberry | 17 | 15 | 32 |
| Schinus molle | Peruvian pepper | 3 | 1 | 4 |
| | Total | 367 | 229 | 596 |

3.2.3 Tree Removals Due to Health

Tree removals due to health are the result of changes to the site prior to construction that may cause tree decline, even when the tree is not directly injured (e.g., drought stress). The project contains 50 trees classified as dead or in critical health. Of these 50 trees, 7 are protected trees in critical condition. Table 4 presents the number of trees recommended for removal due to health. These trees should be removed as nuisance trees per the classification in Section 9.118.060 of the City's Municipal Code. It should also be noted that these 50 trees present a significant fire hazard. However, as stated in Section 9.118.060 of the City's Municipal Code, no nuisance tree may be removed without first obtaining a permit to do so. Details regarding the health of each tree can be found in Appendix B.

Table 4
Summary of Health Related Removals – Chadwick Ranch

| Scientific Name | Common Name | Critical | Dead | Total |
|-------------------------|----------------------|----------|------|-------|
| Cupressus sempervirens | Italian cypress | 1 | 3 | 4 |
| Heteromeles arbutifolia | toyon | _ | 2 | 2 |
| Pinus halepensis | Aleppo pine | _ | 1 | 1 |
| Platanus racemosa | western sycamore | _ | 1 | 1 |
| Sambucus mexicana | blue elderberry | _ | 15 | 15 |
| Quercus agrifolia | coast live oak | 1 | 12 | 13 |
| Quercus berberidifolia | California scrub oak | 5 | 9 | 14 |
| | Total | 7 | 43 | 50 |

3.2.4 Overall Tree Impacts Summary

In total for protected trees, it is estimated that 362 (15.83%) will require removal due to direct impacts; 66 (2.89%) will experience encroachment into the tree protection zone; 367 (16.05%) will be indirectly impacted; 83 (3.62%) will be preserved in place with no direct impacts; and 50 (2.19%) trees will require removal due to health. Additionally, there are 1,359 (59.42%) non-protected-size trees within the project site. These 1,359 trees may have the potential to exceed the mature trunk size of 4 inches DBH and/or mature height of 15 feet or higher thresholds for protected trees as defined by the City. It should be reiterated that based on species type, site climatic conditions, and hydrology of the site, these undersized trees are not likely to exceed the standards within the lifetime of this project. Non-protected-size tree impacts are as follows: 994 (43.46%) will require removal due to direct impacts; 40 (1.75%) will experience encroachment into the tree protection zone; 229 (10.01%) will be indirectly impacted; and 96 (4.20%) will be preserved in place with no direct impacts.

4 MITIGATION

The City's Municipal Code does not identify specific tree replacement standards for projects affecting native and/or protected trees. Additionally, there is no defined mitigation rate for protected oak trees with the expected/potential mature trunk size of 6 inches DBH and expected/potential mature height of 15 feet or higher. There are 1,034 impacted undersized oak trees within the project site. The City does require the submission of a tree preservation and landscaping plan per Section 9.118.040 of the Municipal Code. Projects in the City typically require mitigation for native trees that exceed 6 inches DBH and 15 feet or higher in height at a 2-to-1 ratio with 24-inch box trees of like species. Non--native significant trees do not typically require mitigation. As such, this TPPP proposes a mitigation ratio of 2-to-1 with 24-inch box trees for all native trees impacted (direct and encroached) by the project. Coast live oak trees and western sycamore trees will be replaced with 24-inch box trees, except potentially on slope restoration areas where the use of larger boxes may be difficult. Shrubs such as California scrub oak, blue elderberry, and toyon will be replaced with 24-inch boxes as feasible but may be planted as 15-gallon or other size with the approval of the City Arborist. Furthermore, this TPPP does not include mitigation recommendations for trees that are recommended for removal due to health (i.e., dead or critical).

To mitigate for the direct impact to 346 protected native trees (20 Toyon, 26 western sycamore, 142 coast live oaks, 18 blue elderberry, 139 California scrub oaks, and one arroyo willow) and the encroachment of 66 protected oak trees (including 2 toyon, 2 western sycamore, 36 coast liveoaks, 13 California scrub oaks, 3 blue elderberry, and 1 Engelmann oak) this TPPP recommends that 2,676 trees or shrubs be planted within and/or adjacent to the project site. Based on information contained within GLA's Biological Technical Report, approximately 100 of the 346 protected native trees are considered riparian vegetation associated with jurisdictionaldrainage features to be impacted by the Project. Those riparian trees that are sufficiently mitigated through the regulatory permitting process would not require separate replacement perthe City's Municipal Code. However, this report assumes a worst-case scenario where all 346 trees would be mitigated per the Municipal Code. Based on the current Landscape Plan (Appendix E, Landscape Plan) a total of 472 trees (269 coast live oak, 197 scrub oak, and 6sycamore) can be accommodated within the Project site, including within developed and restored portions of the Specific Plan and within portions of the off-site improvement areas. The majority of coast live oak trees would be planted along the entry road and the main loop road through the Specific Plan; however, a number of oak trees will be planted around some of the housing padsin HOA maintained areas, which will provide more of a clustered appearance. The scrub oakindividuals will be planted in slope re-vegetation areas along the access roads but will also beplanted on revegetated slopes within HOA maintained areas. In addition to the specific tree/shrub

locations identified on the Landscape Plan, the Project will also restore approximately 7.3 acres, including 4.3 acres identified on the Landscape Plan as Habitat Restoration Area and 3.0 acres of remedial grading areas to be restored within Lot L (identified in GLA's biological report). It is likely that the balance of replacement trees/shrubs can be accommodated in these additional restoration areas. However, it should be noted that mitigation for the trees that cannot be replanted on site will be replaced through off-site mitigation (project proponent owned/deeded, mitigation bank, or other in-lieu fee with available lands), as determined by the City Arborist. Furthermore, it should be noted, that all mitigation requirements (species, location, ratio, and size) are at the discretion of the City Arborist, as such, mitigation for impacted non-native trees may be required. As such, it is recommended that Nevis Capital work with the City to identify off-site mitigation (project proponent owned/deeded, mitigation bank, or other in-lieu fee with available lands) in case the 346 trees cannot all be sufficiently replaced with the Project site or through the regulatory permitting process. Table 5 presents the number of trees impacted by type and recommended mitigation.

Table 5
Summary of Impacts and Recommended Mitigation for Protected Trees – Chadwick Ranch

| Tree Type | Number of Impacts | Number of Replacement Trees (2 to 1) | |
|--------------------|--------------------------------------|--------------------------------------|--|
| Direct impact | 1,356 (1,338 protected native trees) | 2,676 | |
| Encroachment | 106 (96 protected native trees) | 192 | |
| Indirect impact | 596 (540 protected native trees) | 0 | |
| Health related | 50 (45 protected native trees) | 0 | |
| Preserved in place | 179 (156 protected native trees) | 0 | |
| Totals | 2,287 (2,175 protected native trees) | 2,868 | |

4.1 Potential Relocation Candidates

Of the directly impacted protected trees, none are considered "candidates" for relocation given various observed maladies, structural issues, close proximity to other trees, and topographical changes. The relocation process is stressful for trees and often results in tree loss. Therefore, trees with the aforementioned issues will have a low probability of relocation success.

4.2 Tree Removal Permit

Consistent with Section 9.118.050 of the City's Municipal Code (City of Bradbury 2012), a tree removal permit will be required prior to all tree removals.

5 CONCLUSIONS

Dudek inventoried and evaluated 928 protected trees (811 native and 67 significant) at the Chadwick Ranch Project site. A total of 1,462 trees (428 protected trees, and 1,034 undersized trees) would be impacted by the proposed project. Of the 428 protected trees, 331 are oaks and 97 are significant per the City ordinance. Furthermore, an additional 50 trees (45 protected) classified as dead or critical health will require removal because they are considered a significant fire hazard. The City's Municipal Code does not identify specific tree replacement standards for projects affecting native and/or protected trees. Projects within the City typically mitigate for native trees (*Quercus* species only) at a 2-to-1 ratio with 24-inch box trees of like species or payment of in-lieu fees. Additionally, non-*Quercus* native trees and non-native significant trees do not typically require mitigation. However, the City may require mitigation of non-*Quercus* species impacted by the project.

To mitigate for the direct impact to 362 protected native trees (20 Toyon, 26 western sycamore, 142 coast live oaks, 18 blue elderberry, 139 California scrub oaks one arroyo willow) and the encroachment of 66 protected native trees (including 2 toyon, 2 western sycamore, 36 coastlive oaks, 13 California scrub oaks, 3 blue elderberry, and 1 Engelmann oak) this TPPP recommends that 2,676 trees or shrubs be planted. Based on the current Landscape Plan(Appendix E, Landscape Plan) a total of 472 trees (269 coast live oak, 197 scrub oak, and 6 sycamore) can be accommodated within the Project site, including within developed and restored portions of the Specific Plan and within portions of the off-site improvement areas. The majority of coast live oak trees would be planted along the entry road and the main loop road through the Specific Plan; however, a number of oak trees will be planted around some of the housing padsin HOA maintained areas, which will provide more of a clustered appearance. The scrub oakindividuals will be planted in slope re-vegetation areas along the access roads but will also beplanted on revegetated slopes within HOA maintained areas. In addition to the specific tree/shrublocations identified on the Landscape Plan, the Project will also restore approximately 7.3 acres, including 4.3 acres identified on the Landscape Plan as Habitat Restoration Area and 3.0 acres of remedial grading areas to be restored within Lot L (identified in GLA's biological report). It islikely that the balance of replacement trees/shrubs can be accommodated in these additional restoration areas. These impact mitigation plantings should focus on container-sized oakplantings incorporated into the built landscape and hillside oak woodlands at a ratio of 2 to 1 (2) replacement oak trees for every 1 impacted native tree). It should be noted that mitigation for the trees that cannot be replanted on site will be replaced through off-site mitigation (project proponent owned/deeded, mitigation bank, or other in-lieu fee with available lands), as determined by the City Arborist. As such, it is recommended that Nevis Capital work with the City to identify off-site mitigation (project proponent owned/deeded, mitigation bank, or other

in-lieu fee with available lands) in case the 346 trees cannot all be sufficiently replaced with the Project site or through the regulatory permitting process.

Furthermore, it should be noted, that all mitigation requirements (species, location, ratio, and size) are at the discretion of the City Arborist, as such, mitigation for impacted non-native trees may be required. Note that any oaks planted in the hillside areas will require ongoing irrigation for at least 3 years following establishment and then a weaning off period over the course of 1 or 2 years. The development of an oak restoration plan is recommended prior to mitigation tree planting.

Arborist's Statement

This report provides conclusions and recommendations based on an examination of the trees and surrounding site by ISA-certified arborists. Arborists are tree specialists who use their education, knowledge, training, and experience to examine trees, recommend measures to enhance the beauty and health of trees, and attempt to reduce the risk of living near trees.

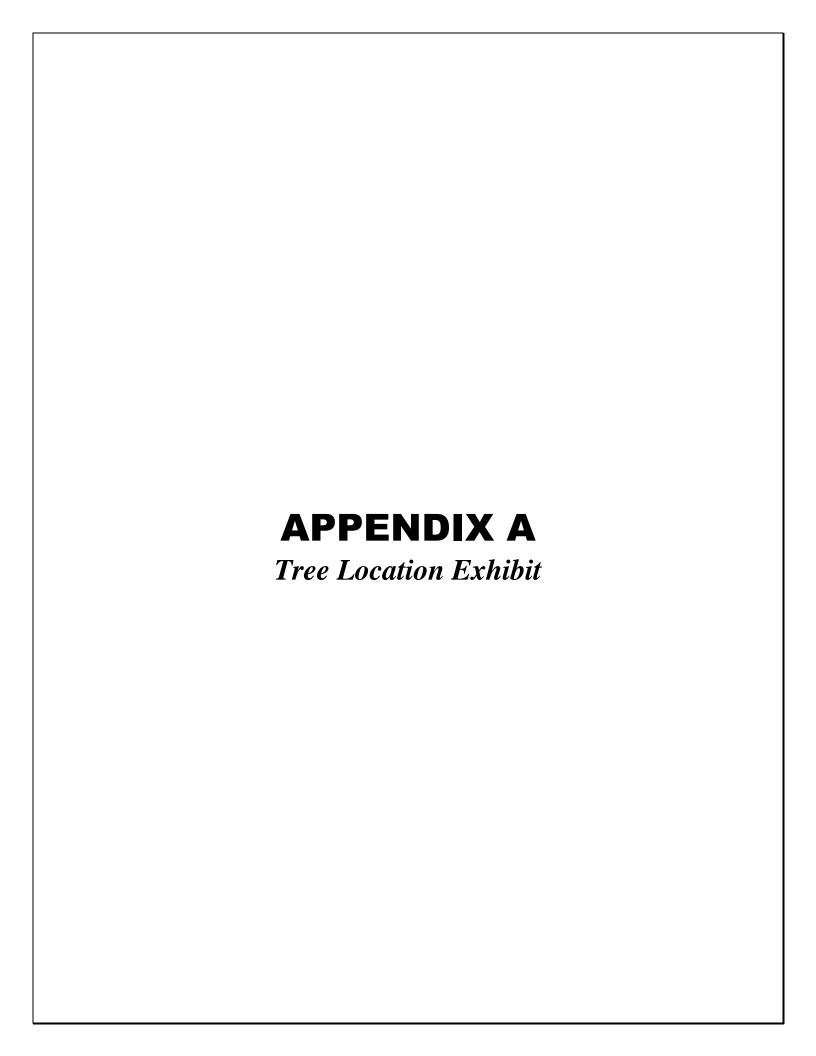
No root crown excavations, investigations, or internal probing was performed during the tree assessments. Therefore, the presence or absence of internal decay or other hidden inferiorities in individual trees could not be confirmed. It is recommended that any large tree proposed for preservation in an area that receives human use be thoroughly inspected for internal or subterranean decay by a qualified arborist before finalizing preservation plans.

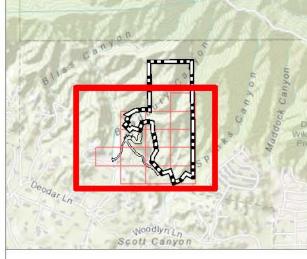
Arborists cannot detect every condition that could possibly lead to the failure of a tree. Trees are living organisms that fail in ways not fully understood. Conditions are often hidden within trees and belowground. Arborists cannot guarantee that a tree will be healthy or safe under all circumstances or for a specified period. There are no guarantees that a tree's condition will not change over a short or long period due to weather or cultural or environmental conditions. Trees can be managed but not controlled.

6 REFERENCES

- City of Bradbury. 2012. City of Bradbury Municipal Code. February 2012. Accessed October 9, 2015. http://www.cityofbradbury.org/city-services/municipal-code.
- ISA (International Society of Arboriculture). 2000. *Guide for Plant Appraisal*. 9th ed. Council of Tree and Landscape Appraisers.
- Matheny, N. and J.R. Clark. 1998. *Trees and Development. A Technical Guide to Preservation of Trees During Land Development*. International Society of Arboriculture.

INTENTIONALLY LEFT BLANK





Native Species

- Arroyo willow, (Salix lasiolepis) (3)
- Blue elderberry, (Sambucus mexicana) (100)
- California scrub oak, (Quercus berberidifolia) (1.382)
- California sycamore, (*Platanus racemosa*) (49)
- Coast live oak, (Quercus agrifolia) (501)
- Engelmann oak, (Quercus engelmanni) (1)
- Toyon, (Heteromeles arbutifolia) (163)
- Non-Native Species (88)

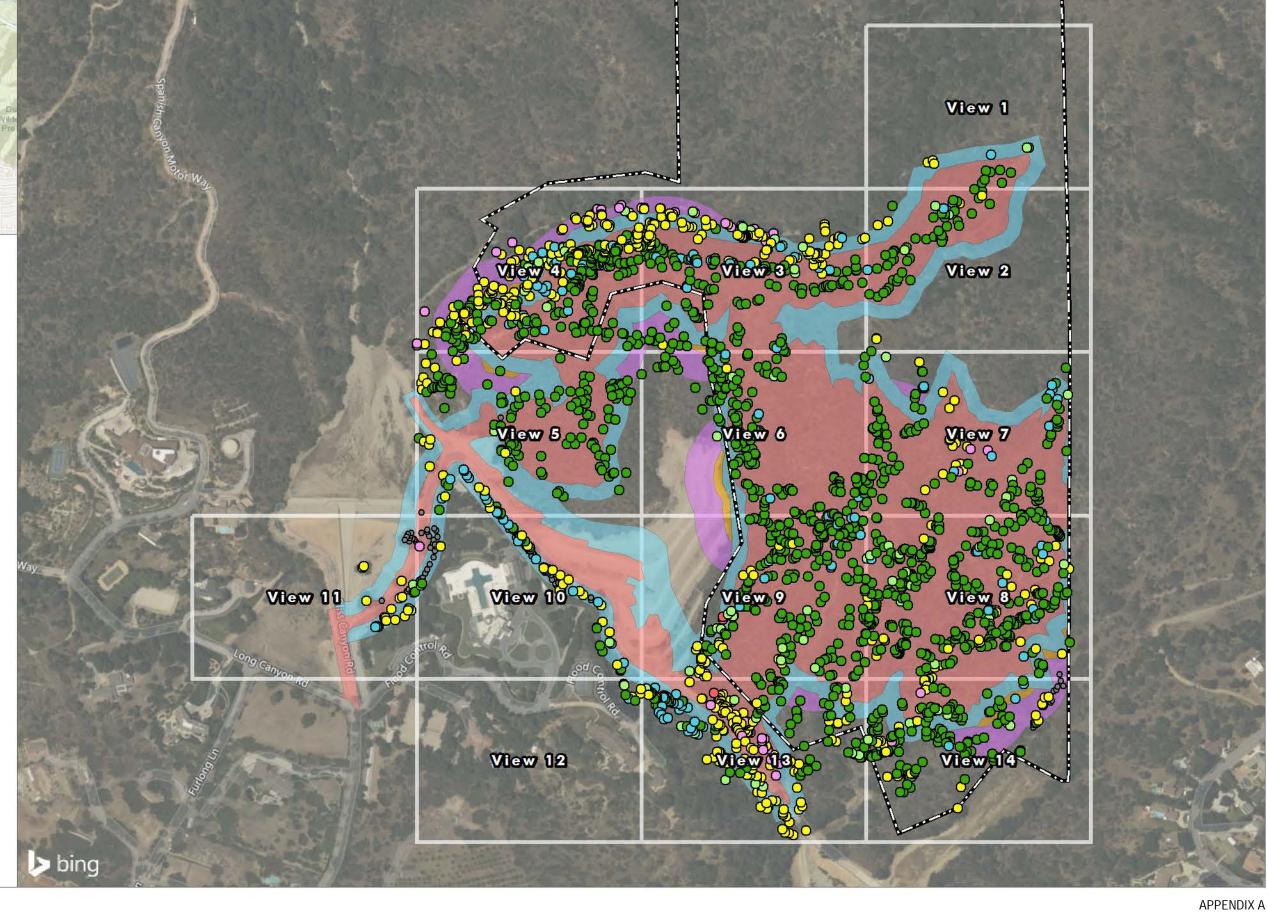
Property Boundary

Permanent

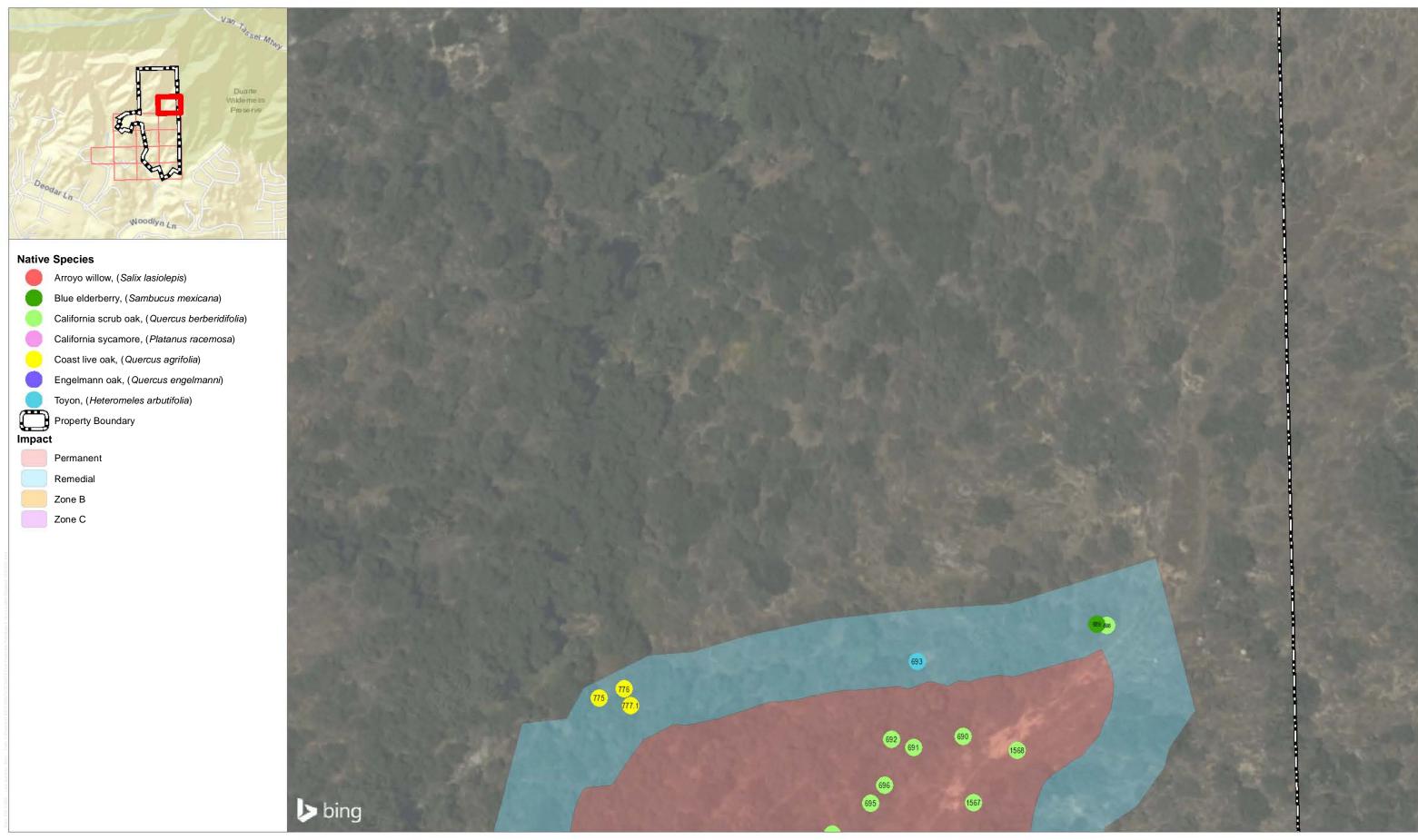
Remedial

Zone B

Zone C



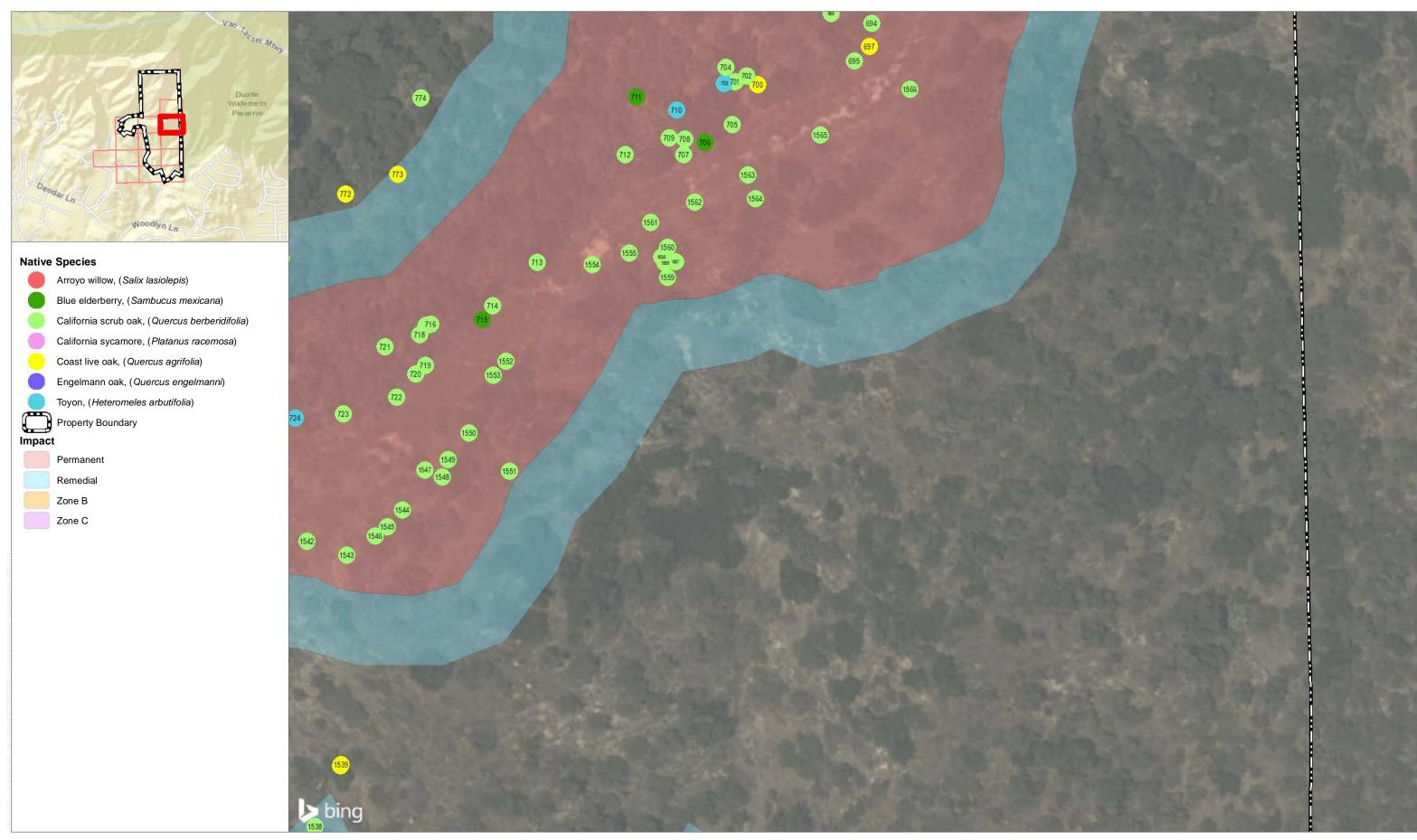
SOURCE: AERIAL-BING MAPPING SERVICE 2019



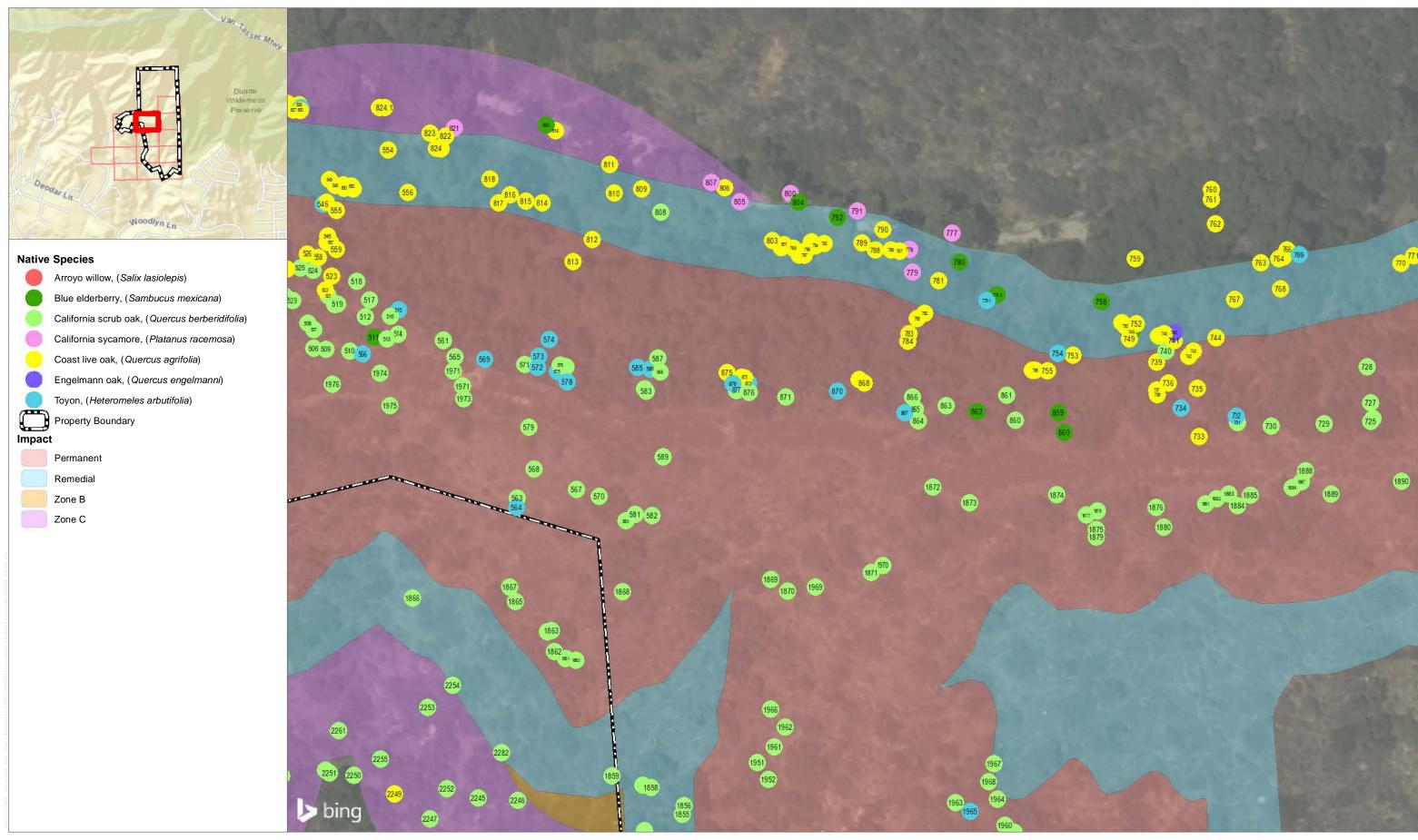
SOURCE: AERIAL-BING MAPPING SERVICE 2019

Tree Location Exhibit - View 1
Chadwick Ranch Tree Preservation and Protection Plan

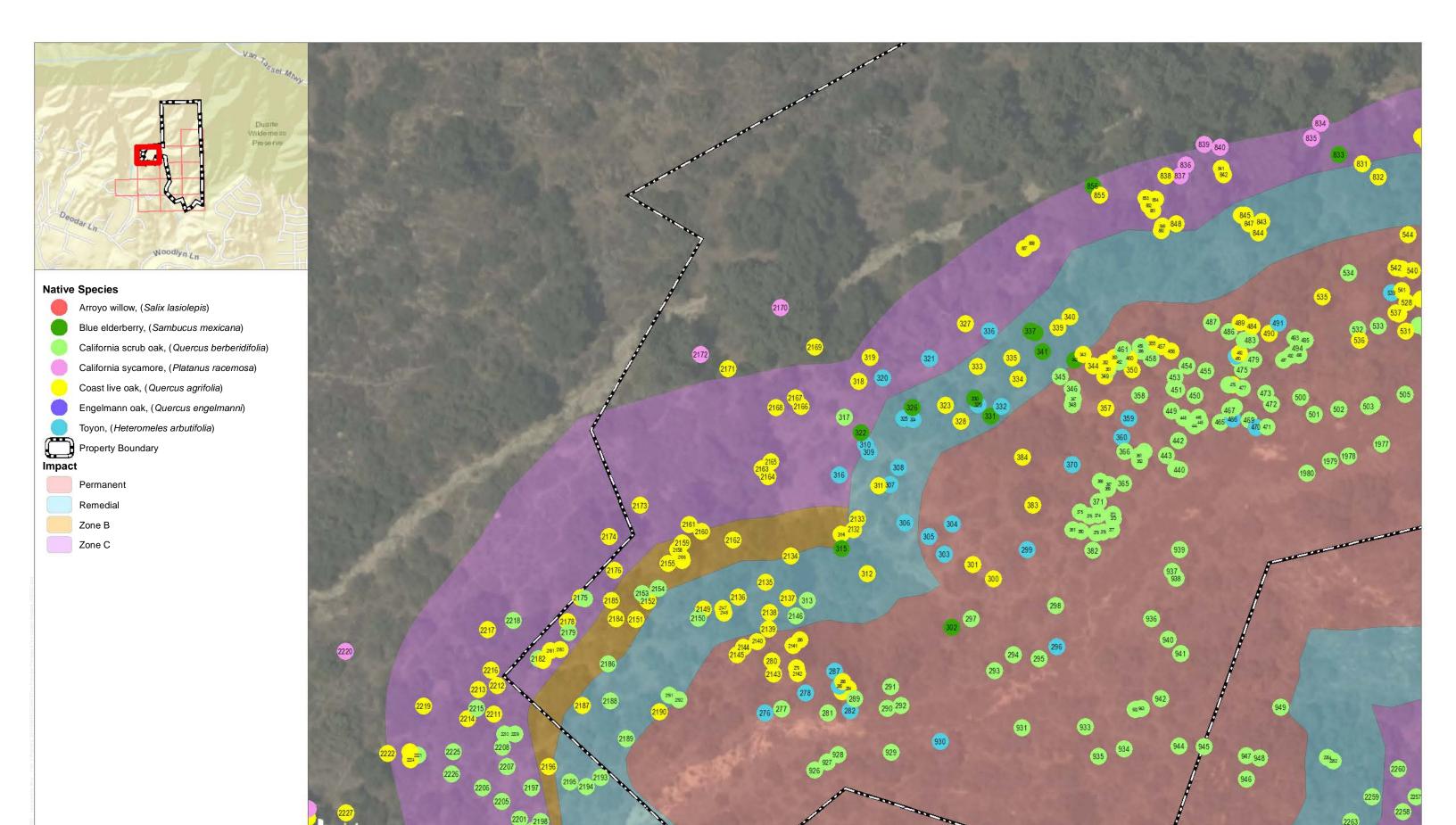
APPENDIX A



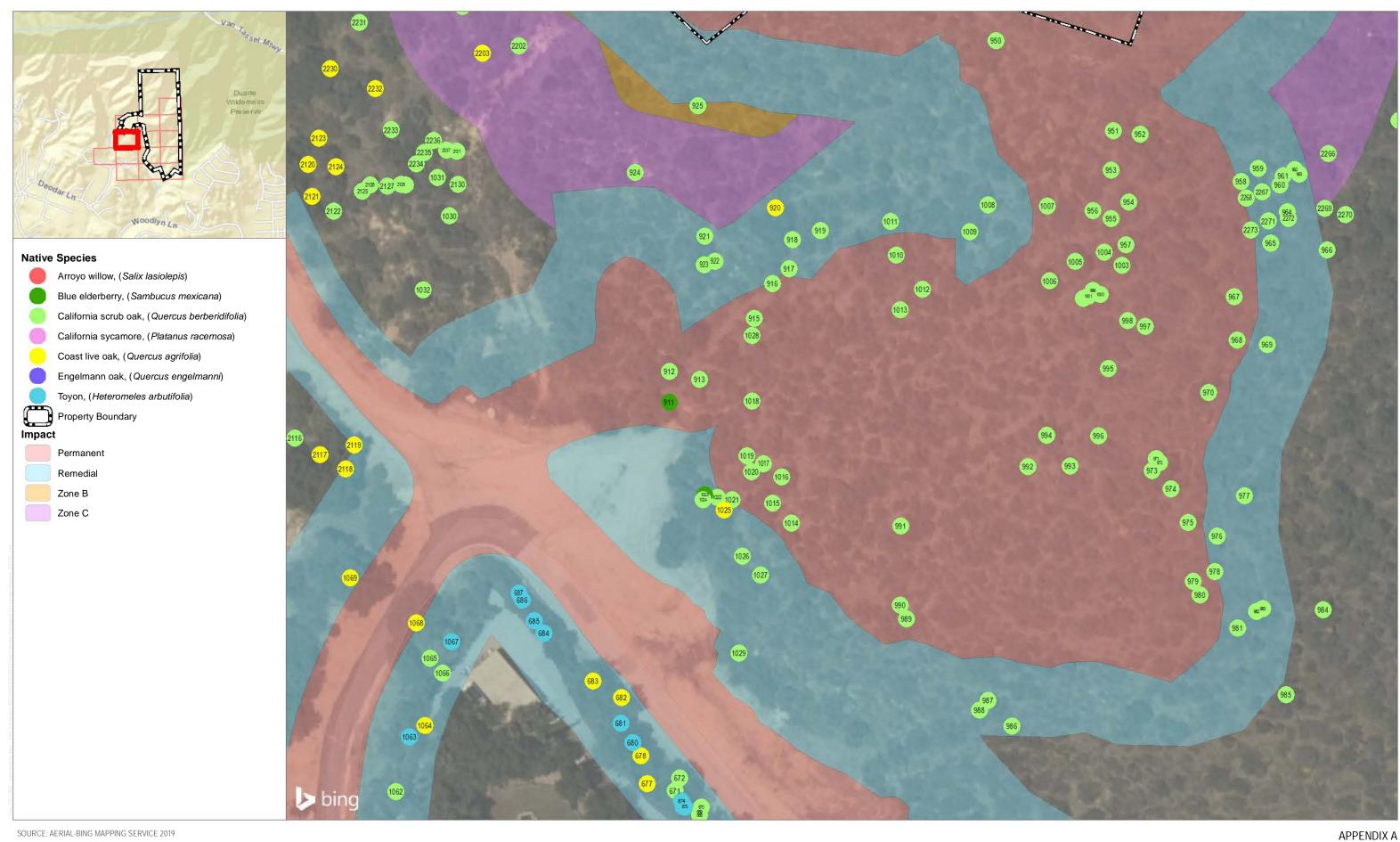
SOURCE: AERIAL-BING MAPPING SERVICE 2019

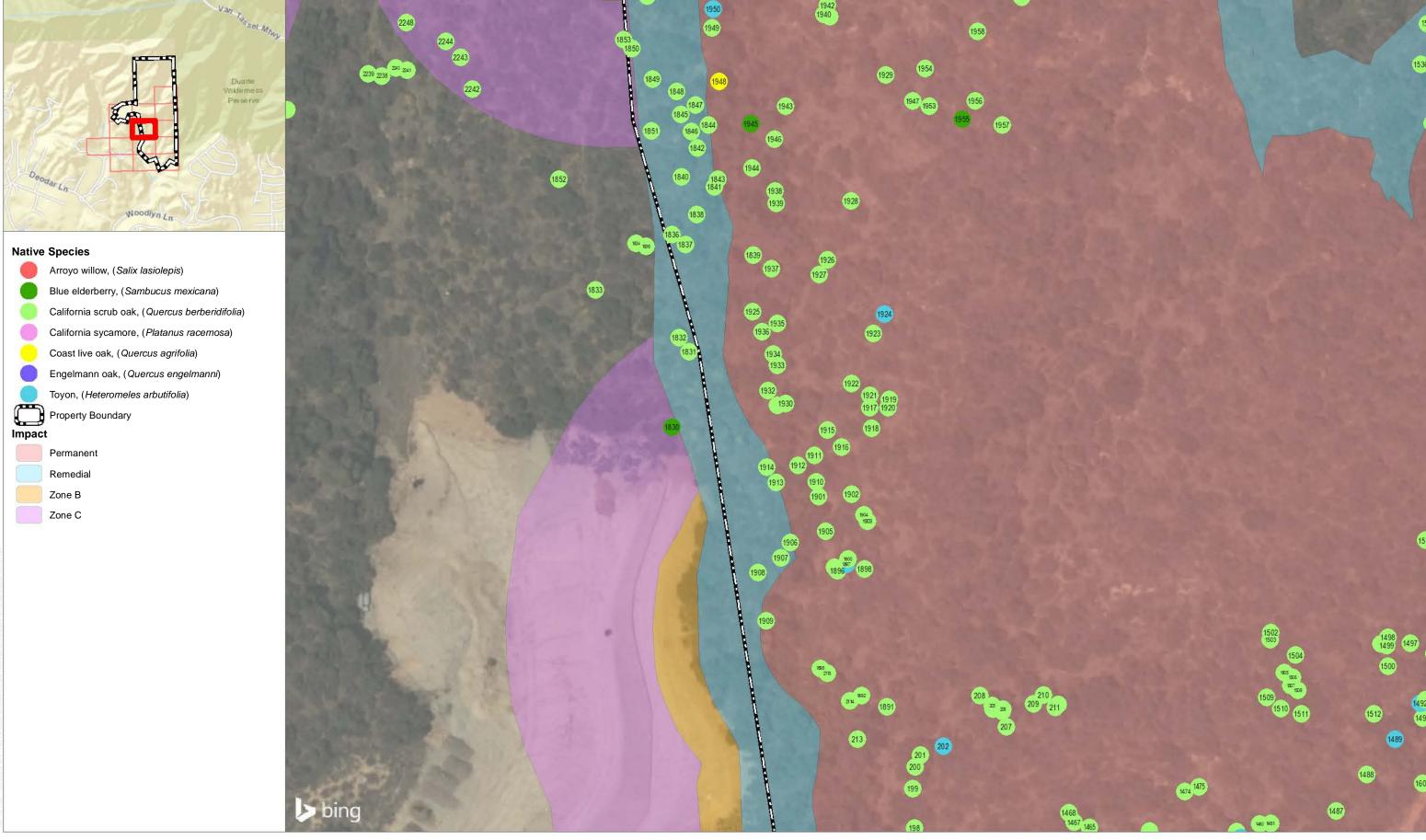


APPENDIX A

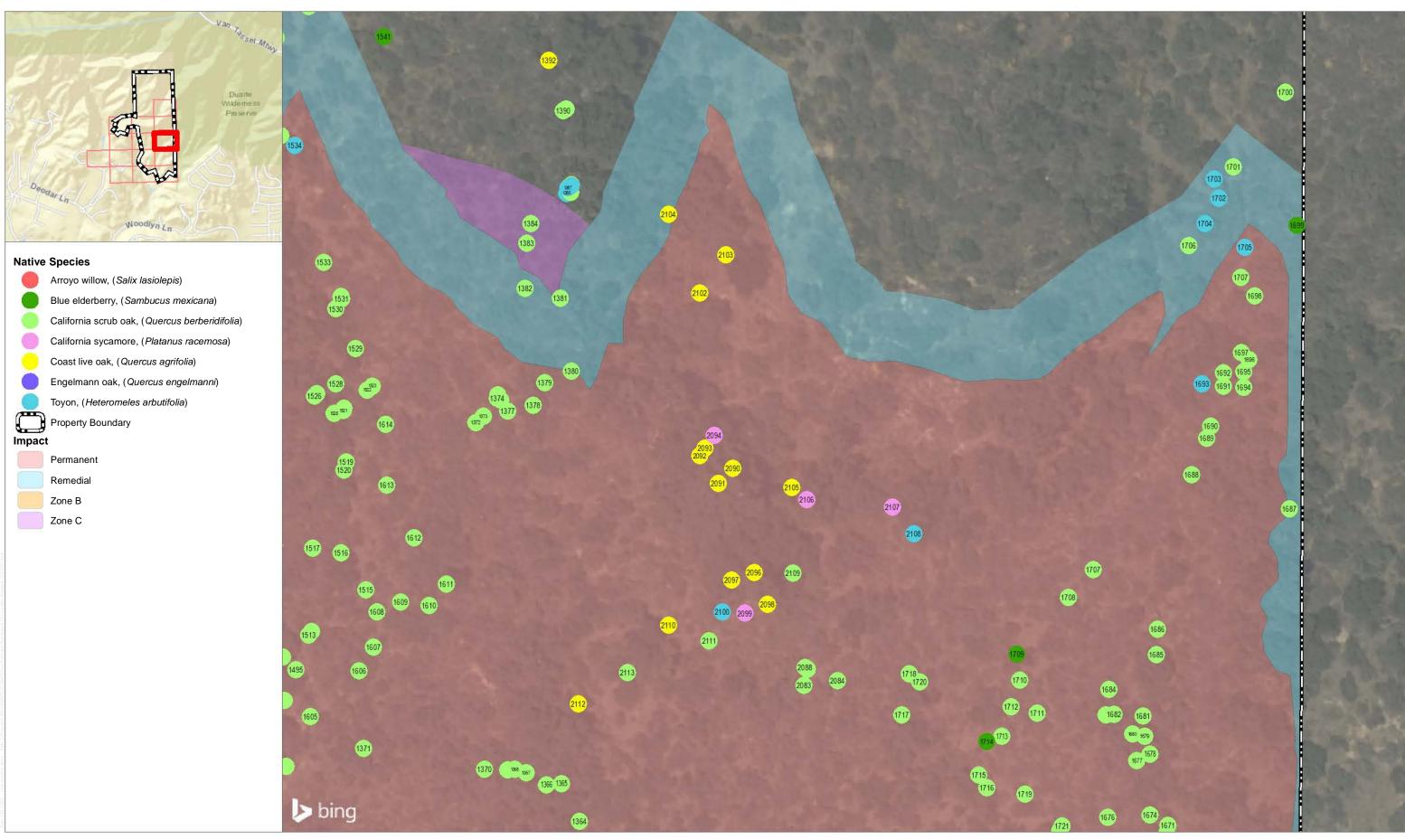


APPENDIX A

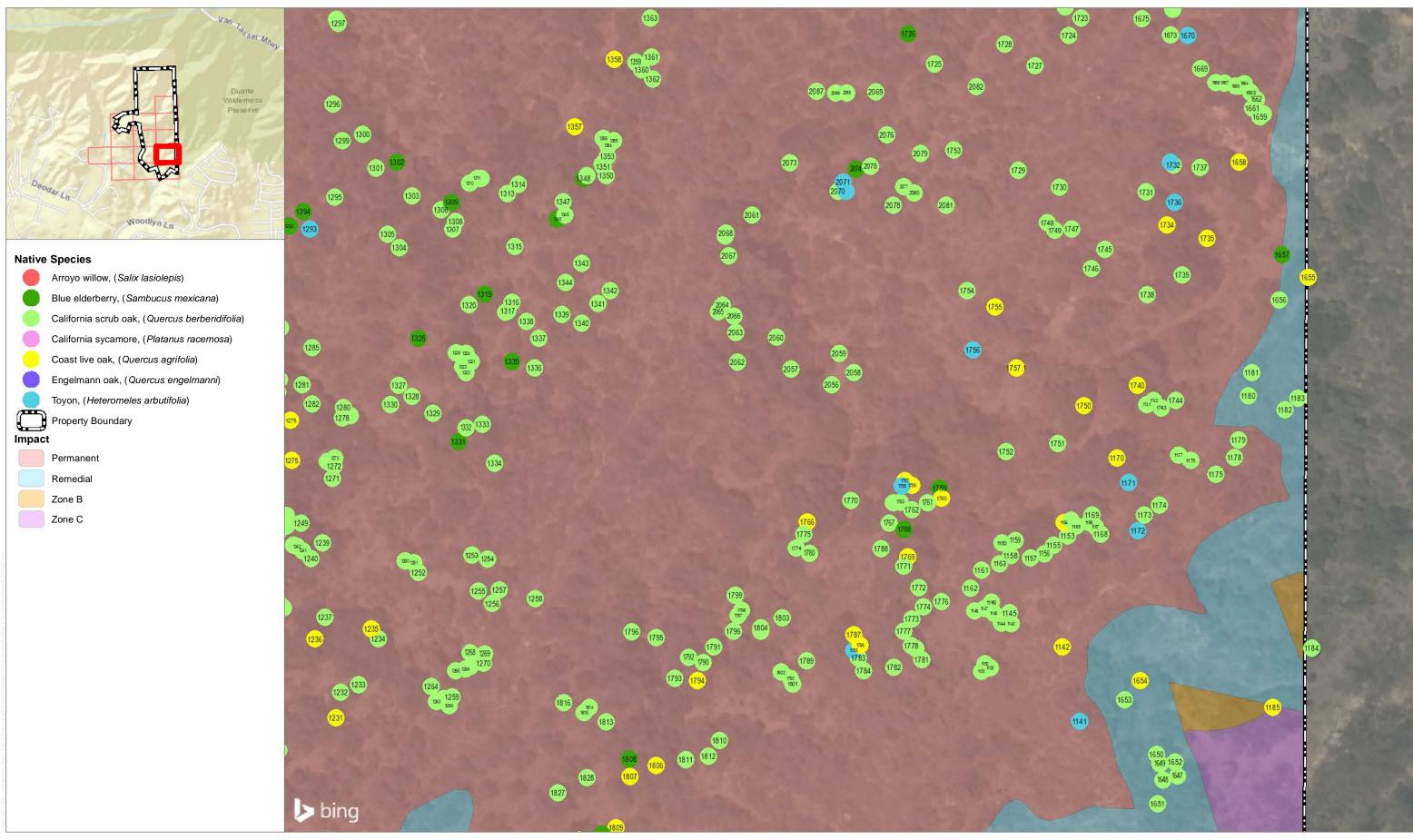


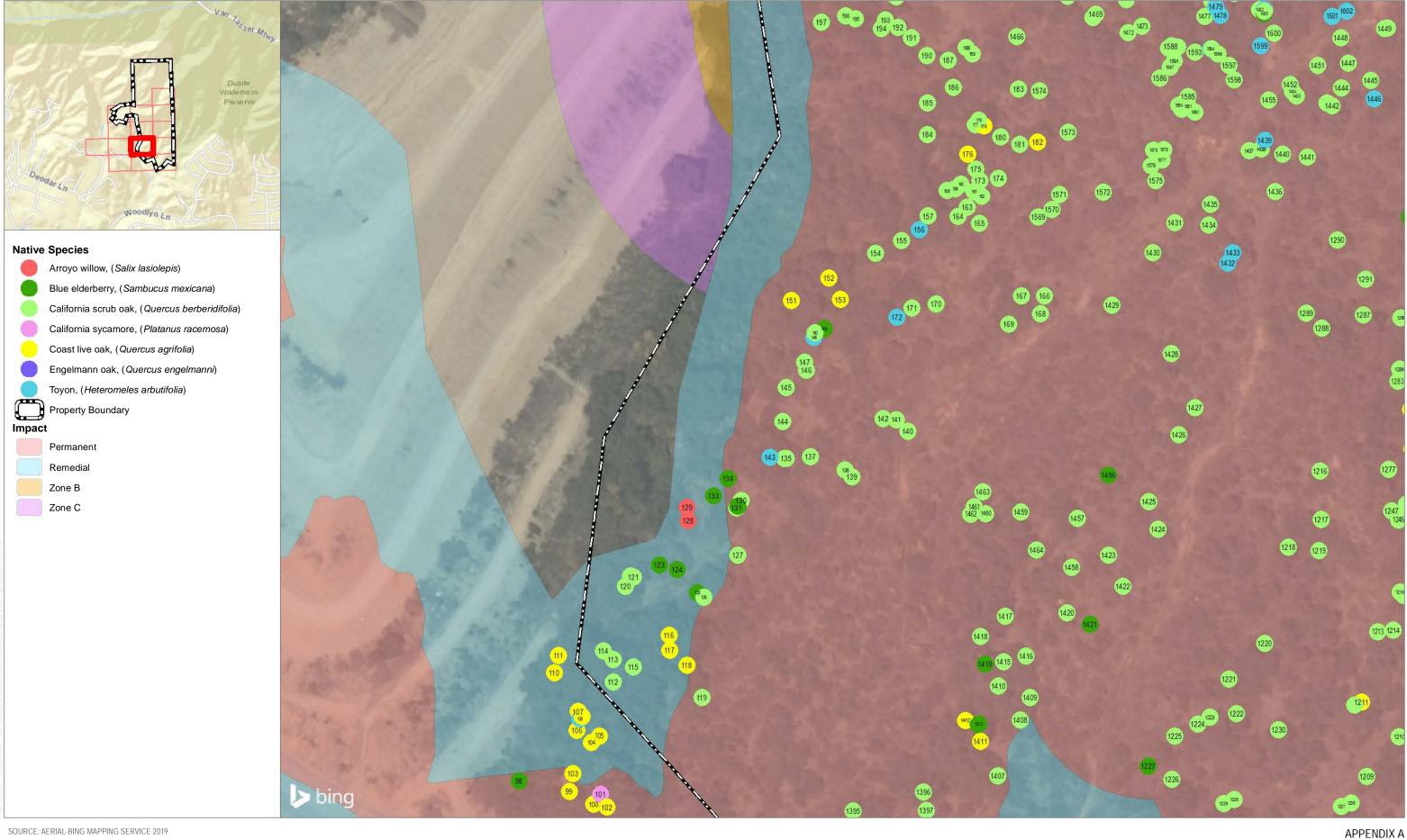


APPENDIX A
Tree Location Exhibit - View 6

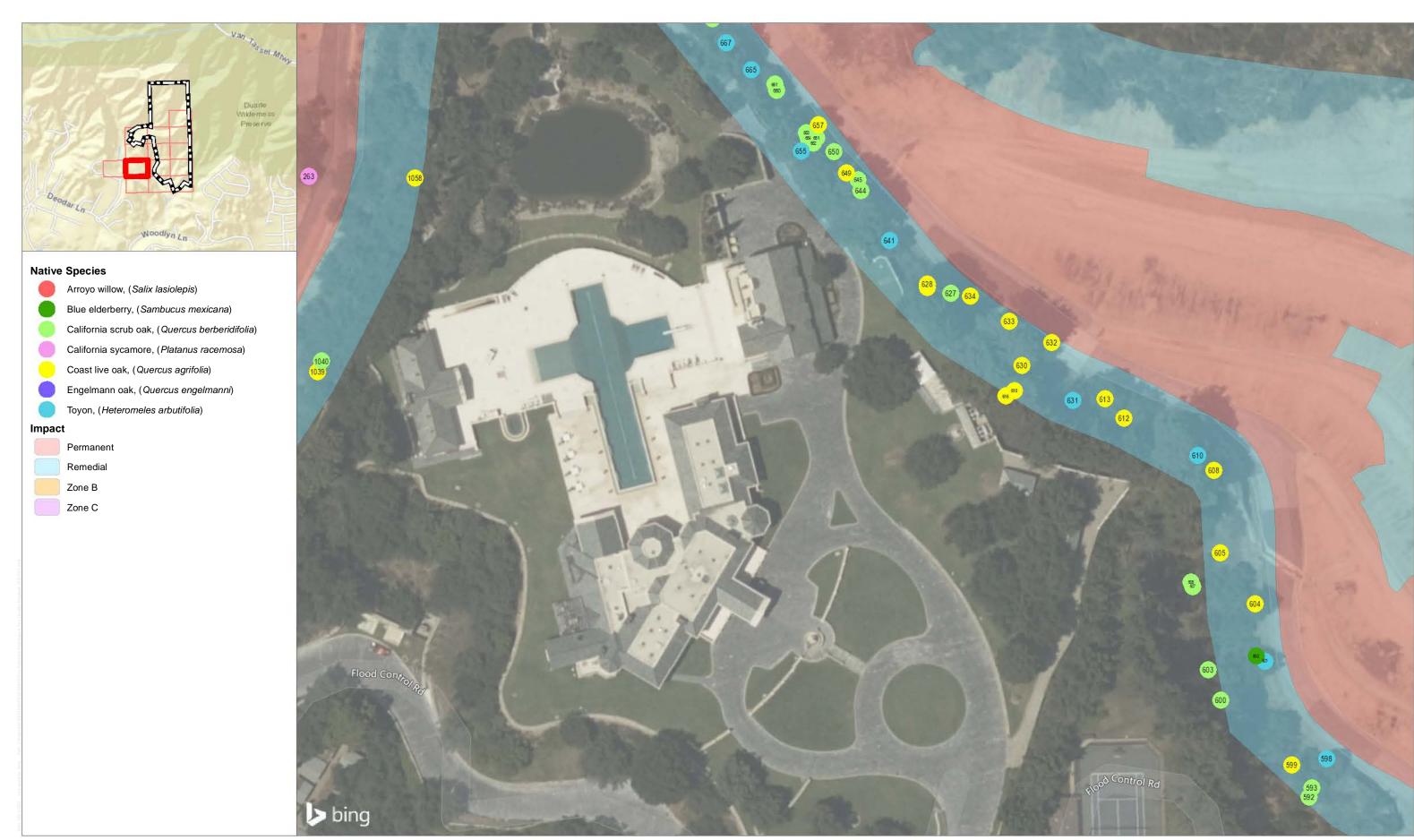


APPENDIX A





Tree Location Exhibit - View 9



APPENDIX A



Native Species

Arroyo willow, (Salix lasiolepis)

Blue elderberry, (Sambucus mexicana)

California scrub oak, (Quercus berberidifolia)

California sycamore, (Platanus racemosa)

Coast live oak, (Quercus agrifolia)

Engelmann oak, (Quercus engelmanni)

Toyon, (Heteromeles arbutifolia)

Impact

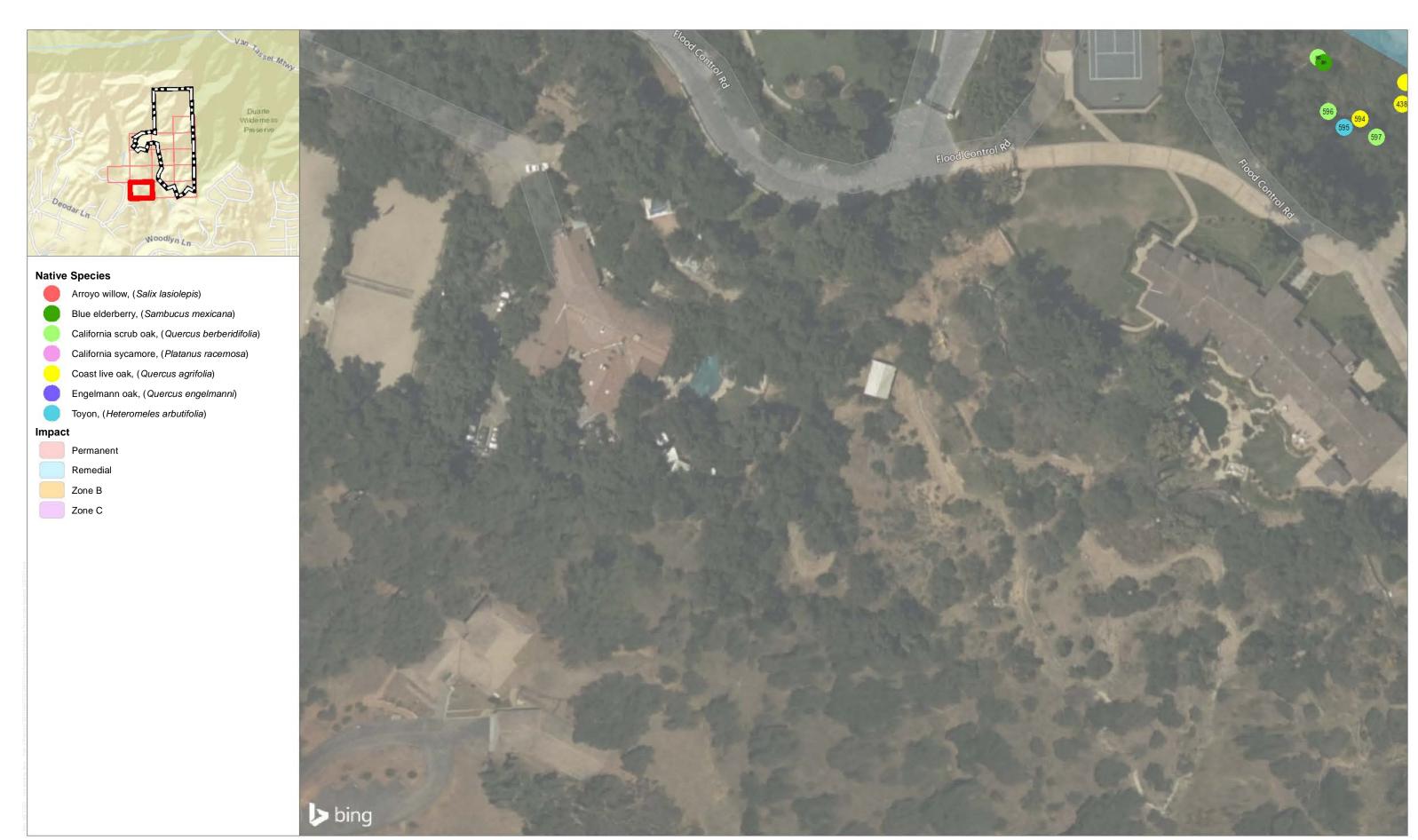
Permanent

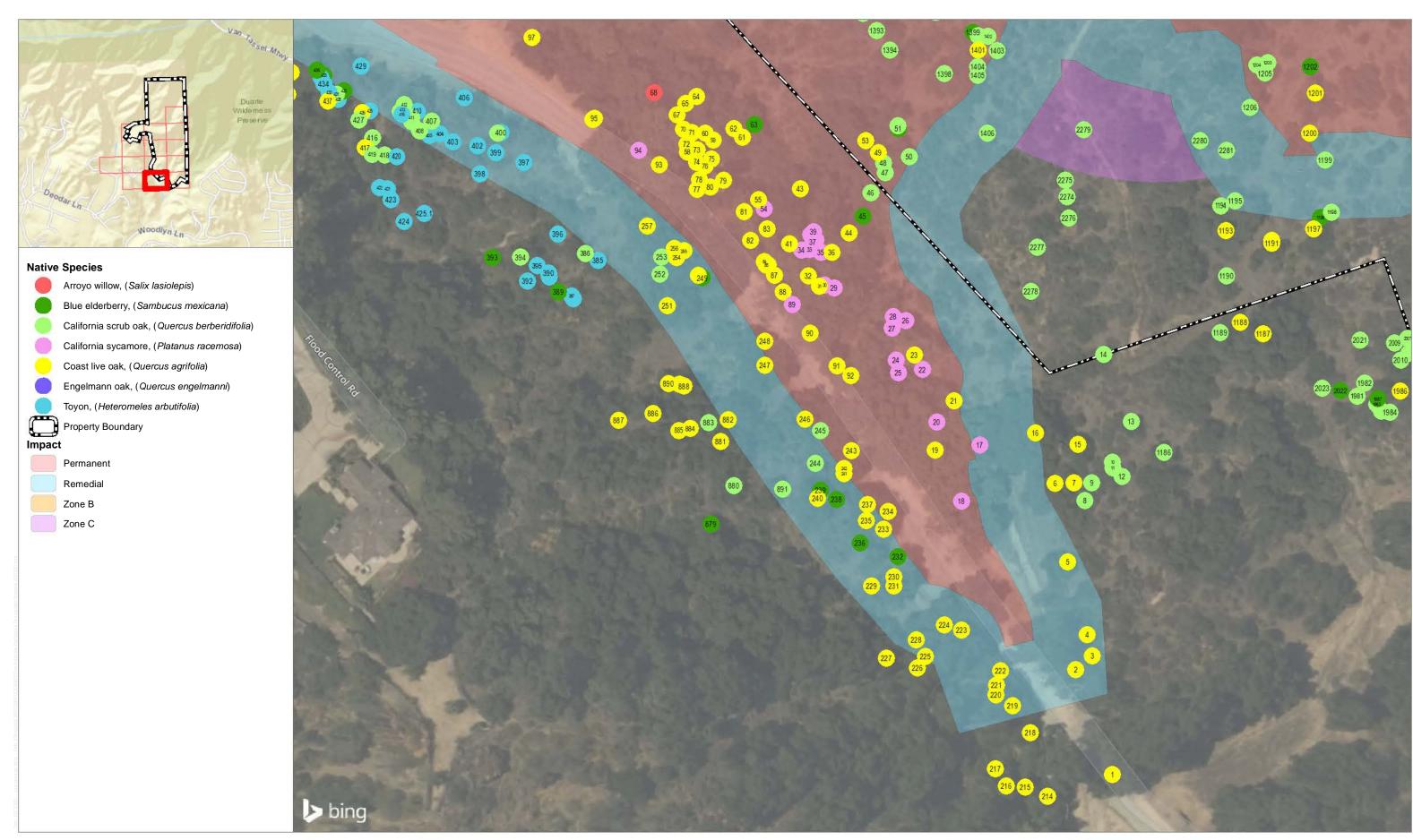
Remedial

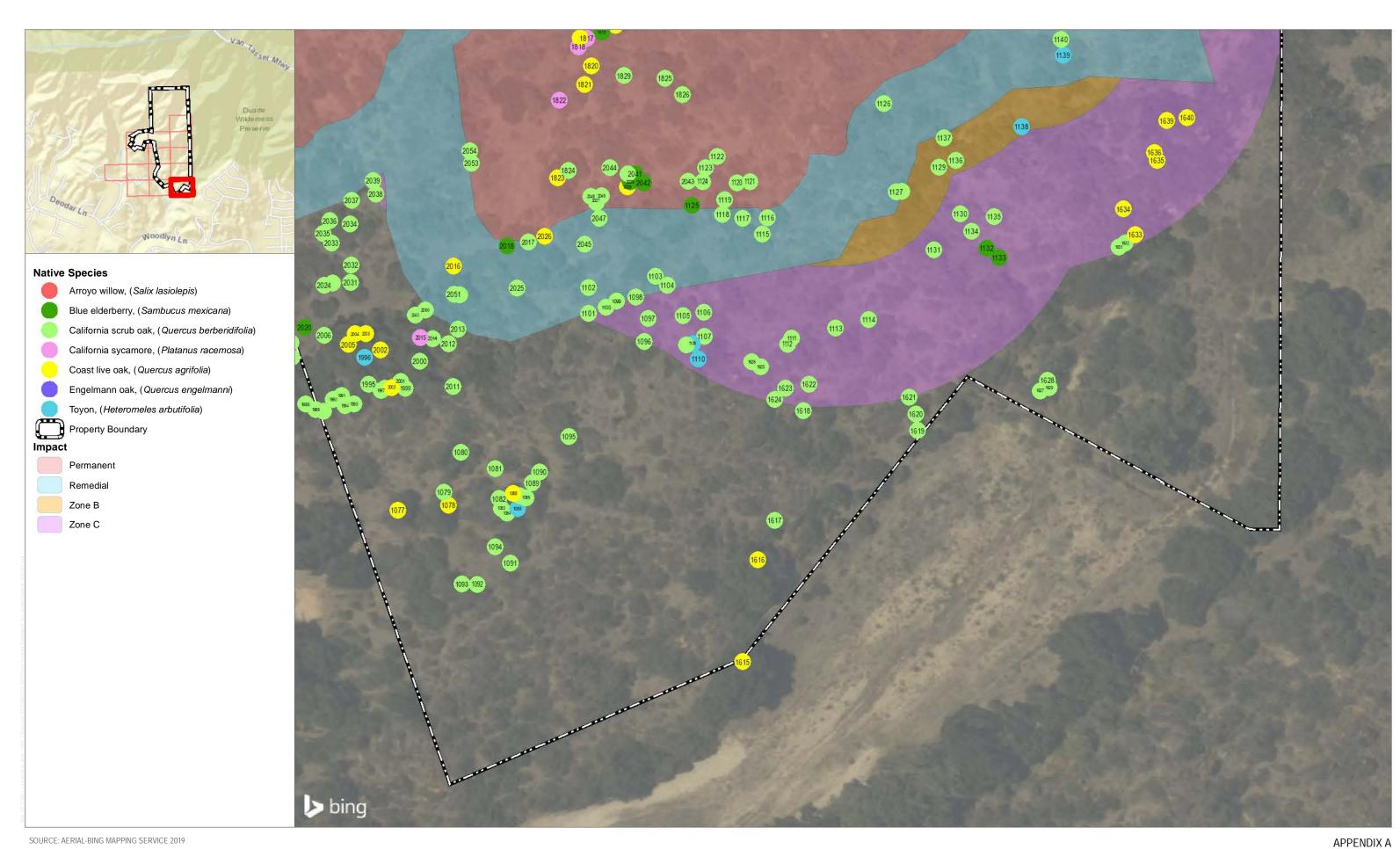
Zone B

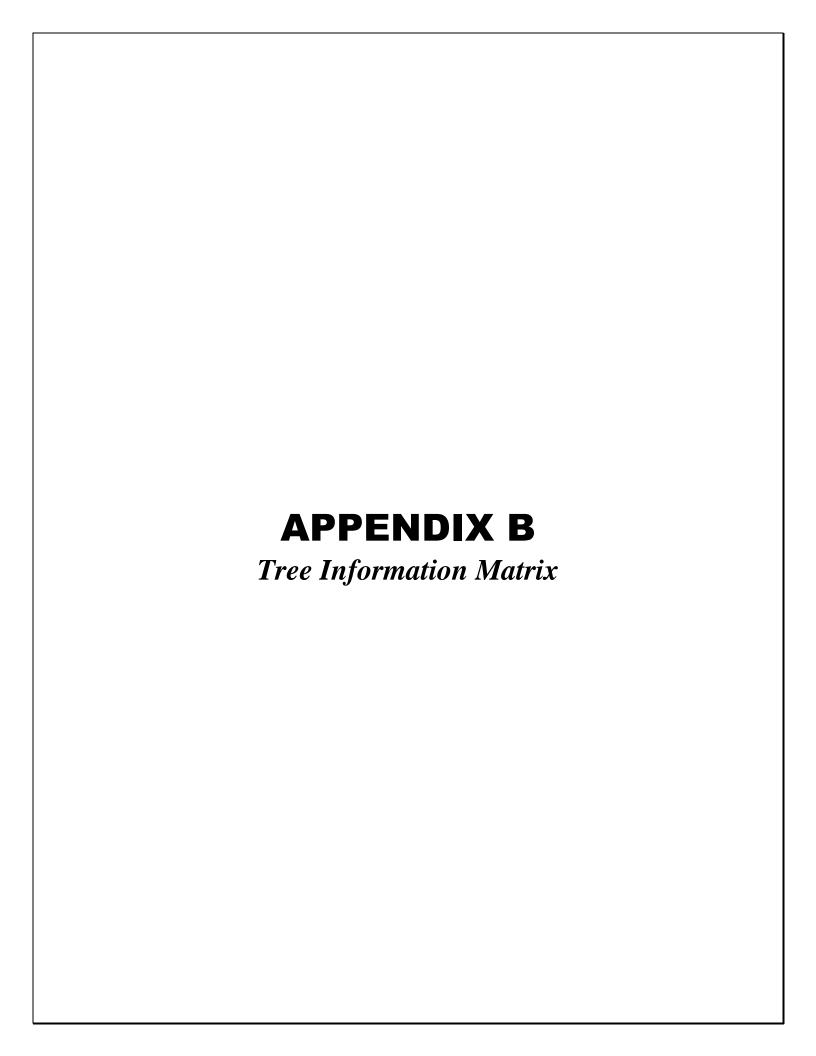
Zone C











| Mathematical Math | | | | | | | | | | ix B - Chadv | vick Ranch - | - Tree Inven | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------|-----------------------|--------------------|-----------|----|----|---|----|--------------|--------------|--------------|-----------------|-----------------|--------|-----------|-------------|--------|-------------------|----------------------------|
| 2 | Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | S3 | | | S6 | S7 | S8 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 3 Octor-gerician Continue | 1 | Quercus agrifolia | Coast live oak | 4 | | | 7 | | 0 | 0 | 0 | 0 | | 50 | Fair | Fair | Native | Yes | Preserve in Place | |
| A Secure Member Control Cont | | | | - | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | |
| Section of the control of the cont | | | | - | | | _ | | | _ | | | | | | | | | | |
| 7 Contrological Control 1 1 7 8 3 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| A | | | | | | 7 | | | | | | | | | | | | | | |
| 20 Secure debeloshible California scale deat 1 3 4 0 0 0 0 0 0 0 0 0 | | | | | | 3 | 3 | | | | | | | | | | | | | |
| 17 Control processed before Control processed Control proc | | | | 2 | 5 | 4 | 0 | | 0 | 0 | 0 | 0 | | | | | | | | |
| 12 Sector between the following common or and a common or any | 10 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 13 Communication 1 | 11 | Quercus berberidifolia | California scrub oak | 12 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 15 | 15 | Fair | Fair | Undersized | Yes | Preserve in Place | DBH 2in,2in,2in,2in |
| 15 Conces perfective 15 Conces 1 | | Quercus berberidifolia | California scrub oak | _ | | 3 | 3 | | 2 | 0 | 0 | | | | | | Undersized | Yes | Preserve in Place | |
| State Control Applies Control Local Residue 1 | | | | | | | 2 | | | 2 | | | | | | 1 011 | | | | |
| 30 Conce angeline Const break 1 15 17 18 17 18 17 18 18 18 | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | |
| 15 Charton operations 1 | | | | | | | | | | | | | | | | | | | | |
| 30 Develors agrificial Develors agrification Section Sec | | | | | | | | | | | | | | | | | | | | to control about both bone |
| 20 Communication of Cultiforial systems 5 24 13 17 13 7 0 0 0 15 15 16 16 16 16 16 16 | | | | | | | | | | | | | | | | | | | | invasive shot note borer |
| Access agription Coses for each 1 | | | | | | | | | | | | | | | | | | | | |
| 22 Operator concessors College Systemer 3 12 27 30 33 0 0 0 0 0 0 50 60 59 60 594 14st | | | | - | | | | | | _ | | - | | | | | | | | |
| Application of the color of t | | | | | | | | _ | _ | | | | | | | | | | | |
| 221 Postuma recommons Caffornia systemore 2 76 9 0 0 0 0 0 0 0 0 0 | | | | | | | | | - | _ | | - | | | | | | | | Fallen over |
| Postume recommon California yearners 1 7 0 0 0 0 0 0 0 0 0 | 24 | Platanus racemosa | California sycamore | 2 | 26 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 60 | Fair | Fair | Native | Yes | Direct | |
| April Description Company Co | 25 | | | _ | , | | ŭ | | | 0 | Ü | | | | Fair | Fair | Native | | Direct | |
| Performance recentage California sygramene 3 12 9 7 0 0 0 0 0 0 0 50 5 | 26 | Platanus racemosa | California sycamore | 3 | | 16 | _ | | | 0 | | | | | Poor | Poor | Native | Yes | Direct | |
| Patrons recembers | | | | | | | | | | | | | | | | | | | | |
| 30 Peters recember California yearonee 2 4 1 0 0 0 0 0 0 0 0 0 | | | | | | _ | | | | | | | | | | | | | | |
| 33 Dierces agriphile Coast live coak | | | | | | | | | | | | | | | | | | | | |
| 22 Diences agrifolio Casel Nevo alk 1 6 0 0 0 0 0 0 0 0 0 | | | | 2 | | | | | | | | | | | | | | | | |
| 33 Photons processos California sysamore 4 18 18 9 2 0 0 0 0 0 0 0 60 40 Fair Fair Native Yes Direct | | | | 1 | | _ | | | | | | | | | | | | | | |
| Add Politations recension California systemate 1 6 0 0 0 0 0 0 0 0 0 | | | | | | - | _ | | | | | | | | | | | | | |
| Social Content of Social Review Social Rev | | | | | | | | | | | | | | | | | | | | |
| 36 Decreus parpfolin Obast live cook 3 | | | | | | | | | | | | | | | | | | | | |
| 37 Pilatanus recembos California sycamore 1 7 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| 39 Internum recemens California sycamore 5 15 9 77 8 15 0 0 0 0 40 40 57 58 15 0 0 0 40 40 57 58 58 0 0 40 40 40 40 40 40 | 37 | Platanus racemosa | California sycamore | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 10 | Fair | Fair | Native | Yes | Direct | |
| Add | 38 | Platanus racemosa | California sycamore | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 5 | Dead | Dead | Hazard | Yes | Hazard | |
| 41 Duercus aurifolia Cost live oak 1 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 39 | Platanus racemosa | California sycamore | 5 | 15 | 9 | 7 | 8 | 15 | 0 | 0 | 0 | 70 | 40 | Fair | Fair | Native | Yes | Direct | |
| 49. Muse statistical Methods (Aghan Pine 1 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | Platanus racemosa | | 2 | | | | | | | | | | | | | | | | |
| 43 Quercus agrifolia Coast live cask 1 1 18 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | | | | | |
| 45 Sambusus mexicane Blue elderherry 3 4 2 4 0 0 0 0 0 15 15 For Poor Poor Undersized Ves Direct | | | | | | _ | | | | | | | | | | | | | | |
| 46 Quercus bereinfilolia California scrub oak 3 5 7 7 6 0 0 0 0 0 0 0 15 15 Fair Fair Native Yes Direct 47 Quercus perheinfilolia California scrub oak 4 9 9 7 6 6 6 0 0 0 0 0 0 0 30 30 30 Fair Fair Native Yes Direct 48 Quercus agrifolia Cast live oak 1 17 0 0 0 0 0 0 0 0 0 0 35 35 Fair Fair Native Yes Direct 50 Quercus perheinfilolia California scrub oak 4 6 5 3 2 2 0 0 0 0 0 15 15 Fair Fair Native Yes Direct 51 Sambucus mexicona Blue elderberry 1 7 0 0 0 0 0 0 0 0 0 0 15 15 Fair Fair Native Yes Direct 51 Sambucus mexicona Blue elderberry 1 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | 0 | | | | | | | | | | | | | | |
| 47 Quercus berberidifolia California scrub oak 2 5 4 0 0 0 0 0 0 0 0 0 | | | | - | | 7 | | _ | - | _ | | - | | | | | | | | |
| 48 Quercus perberidifplia California scrub oak | | | | | | | | | | | | | | | | | | | | |
| 49 Quercus agrifolia Coast live oak 1 17 0 0 0 0 0 0 0 0 0 | | | | | - | 7 | | | | | | | | | | | | | | |
| So Quercus berberidifolia California scrub oak 4 6 5 3 2 0 0 0 0 15 15 Fair Fair Native Yes Direct | | | | | - | 0 | | | - | _ | | - | | | | | | | | |
| Sambucus mexicana Blue elderberry 1 | | | California scrub oak | 4 | | 5 | 3 | | 0 | 0 | 0 | 0 | | | | Fair | | | | |
| S2 Quercus berberldifolia California scrub oak 3 7 7 6 0 0 0 0 0 20 20 Fair Fair Native Yes Direct | | | | | | 0 | 0 | | 0 | 0 | 0 | 0 | | | | Fair | | | Direct | |
| S4 Platanus racemosa California sycamore 2 10 15 0 0 0 0 0 0 0 0 0 | | | | | | | _ | | | | | | | | | | | | | |
| 55 Quercus agrifolia Coast live oak 1 7 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| Second Significant Signi | | | | | | | | | | | | | | | | | | | | |
| 57 Washingtonia filifera TáCalifornia fan palm 1 20 0 0 0 0 0 0 0 50 15 Good Good Significant No Direct 58 Quercus agrifolia Coast live oak 1 4 0 0 0 0 0 15 10 Fair Fair Undersized Yes Direct 60 Quercus agrifolia Coast live oak 1 5 0 0 0 0 0 15 10 Fair Fair Undersized Yes Direct 61 Quercus agrifolia Coast live oak 1 4 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 61 Quercus agrifolia Coast live oak 2 11 2 0 0 0 0 10 Fair Fair Undersized Yes Direct 63 Sambusu mex | | | | | | _ | | | | | | | | | | | | | | |
| 58 Quercus agrifolia Coast live oak 1 4 0 0 0 0 0 0 15 10 Fair Fair Undersized Undersized Ves Direct 59 Quercus agrifolia Coast live oak 1 4 0 0 0 0 0 15 10 Fair Fair Undersized Ves Direct 60 Quercus agrifolia Coast live oak 1 4 0 0 0 0 0 10 10 Fair Fair Vindersized Ves Direct 61 Quercus agrifolia Coast live oak 1 4 0 0 0 0 10 10 Fair Fair Vindersized Ves Direct 62 Quercus agrifolia Coast live oak 2 11 2 0 0 0 0 20 30 Fair Fair Native Yes Direct 63 Sambucus mexicona Blue elderberry 1 7 0 | | , , | | 1 | | | | | | | | | | | | | | | | |
| 59 Quercus agrifolia Coast live oak 1 4 0 0 0 0 0 0 0 0 15 10 Fair Fair Undersized Yes Direct | | | | 1 | | - | _ | | - | _ | | | | | | | | | | |
| 60 Quercus agrifolia Coast live oak 1 5 0 0 0 0 0 0 0 0 15 10 Fair Fair Undersized Yes Direct 61 Quercus agrifolia Coast live oak 1 4 0 0 0 0 0 0 0 0 0 0 10 10 10 Fair Fair Undersized Yes Direct 62 Quercus agrifolia Coast live oak 2 11 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | - | | | | | | | | | | | | | |
| 61 Quercus agrifolia Coast live oak 1 4 0 0 0 0 0 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 62 Quercus agrifolia Coast live oak 2 11 2 0 0 0 0 0 0 0 0 20 30 Fair Fair Native Yes Direct 63 Sambucus mexicana Blue elderberry 1 7 0 0 0 0 0 0 0 0 0 20 15 Fair Fair Native Yes Direct 64 Quercus agrifolia Coast live oak 2 40 6 0 0 0 0 0 0 0 45 65 Fair Fair Native Yes Direct 65 Quercus agrifolia Coast live oak 2 16 20 0 0 0 0 0 0 0 Fair Fair Native Yes Direct 66 Washingtonia filifera — Acalifornia fan palm 1 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | _ | | | | | | | | | | | | | | |
| 62 Quercus agrifolia Coast live oak 2 11 2 0 0 0 0 0 0 0 0 20 30 Fair Fair Native Yes Direct 63 Sambucus mexicona Blue elderberry 1 7 0 0 0 0 0 0 0 0 0 20 15 Fair Fair Native Yes Direct 64 Quercus agrifolia Coast live oak 2 40 6 0 0 0 0 0 0 0 0 0 5 Fair Fair Native Yes Direct 65 Quercus agrifolia Coast live oak 2 16 20 0 0 0 0 0 0 0 0 5 Fair Fair Native Yes Direct 66 Washingtonia filifera — 4California fan palm 1 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | ,,, | | | | | | | | | | | | | | | | | | |
| 63 Sambucus mexicana Blue elderberry 1 7 0 0 0 0 0 0 0 0 0 0 15 Fair Fair Native Yes Direct 64 Quercus agrifolia Coast live oak 2 40 6 0 0 0 0 0 0 0 0 0 5 Fair Fair Native Yes Direct 65 Quercus agrifolia Coast live oak 2 16 20 0 0 0 0 0 0 0 0 5 Fair Fair Native Yes Direct 66 Washingtonia filifera Tacalifornia fan palm 1 17 0 0 0 0 0 0 0 0 0 0 0 15 Fair Fair Significant No Direct 67 Quercus agrifolia Coast live oak 1 4 0 0 0 0 0 0 0 0 15 10 Fair Fair Undersized Yes Direct 68 Salix lasiolepis Arroyo Willow 1 27 0 0 0 0 0 0 0 0 0 0 5 Fair Fair Native Yes Direct | | | | | | | | _ | | | | _ | | | | | | | | |
| 64 Quercus agrifolia Coast live oak 2 40 6 0 0 0 0 0 0 0 0 45 65 Fair Fair Native Yes Direct 65 Quercus agrifolia Coast live oak 2 16 20 0 0 0 0 0 0 0 5 Fair Fair Native Yes Direct 66 Washingtonia filifera — Cast live oak 1 1 4 0 0 0 0 0 0 0 0 0 0 15 Fair Fair Significant No Direct 67 Quercus agrifolia Coast live oak 1 4 0 0 0 0 0 0 0 0 15 10 Fair Fair Undersized Yes Direct 68 Salix lasiolepis Arroyo Willow 1 27 0 0 0 0 0 0 0 0 0 5 Fair Fair Native Yes Direct | | | | | | | | _ | | | | | | | | | | | | |
| 65 Quercus agrifolia Coast live oak 2 16 20 0 0 0 0 0 0 0 5 Fair Fair Native Yes Direct 66 Washingtonia filifera — Acidifornia fan palm 1 17 0 0 0 0 0 0 0 0 15 Fair Fair Significant No Direct 67 Quercus agrifolia Coast live oak 1 4 0 0 0 0 0 0 0 0 15 10 Fair Fair Undersized Yes Direct 68 Salix Jasiolepis Arroyo Willow 1 27 0 0 0 0 0 0 0 0 0 40 55 Fair Fair Native Yes Direct | | | | | 40 | | | | | | | | | | | | | | | |
| 67 Quercus agrifolia Coast live oak 1 4 0 0 0 0 0 0 0 15 10 Fair Fair Undersized Yes Direct 68 Salix lasiolepis Arroyo Willow 1 27 0 0 0 0 0 0 0 5 Fair Fair Native Yes Direct | | | | 2 | 16 | | | | | | | | | | | | | | | |
| 68 Salix lasiolepis Arroyo Willow 1 27 0 0 0 0 0 0 0 40 55 Fair Fair Native Yes Direct | | | | | 17 | 0 | | | | | | | 20 | 15 | | | Significant | No | | |
| | | | | | | | | | | | | | | | | | | | | |
| 69 Washingtonia filifera Talcalifornia fan palm 1 6 0 0 0 0 0 15 10 Fair Significant No Direct | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | | | | | | | | |
| | 69 | Washingtonia filifera | TáCalifornia fan palm | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Significant | No | Direct | |

| | | | | | | | | | x B - Chadv | vick Ranch | - Tree Inven | | | | | | | | |
|------------|--------------------------------------------------|----------------------------------------------|--------------------|----------|--------|----|------------------|-------------|-------------|------------|--------------|-----------------|-----------------|--------------|--------------|--------------------------|------------|------------------------|---------------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | 53 | Individual S4 | Stems (in.) | S6 | 57 | SR | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 70 | Quercus agrifolia | Coast live oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 5 | Good | Good | Undersized | Yes | Direct | |
| 71 | Quercus agrifolia | Coast live oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 10 | Good | Good | Native | Yes | Direct | |
| 72 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 10 | Good | Good | Undersized | Yes | Direct | |
| 73 | Quercus agrifolia | Coast live oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 10 | Good | Good | Native | Yes | Direct | |
| 74 | Quercus agrifolia | Coast live oak | 2 | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 20 | Good | Good | Native | Yes | Direct | |
| 75 | Quercus agrifolia | Coast live oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Good | Good | Undersized | Yes | Direct | |
| 76 | Quercus agrifolia | Coast live oak | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 15 | Good | Good | Native | Yes | Direct | |
| 77 | Quercus agrifolia | Coast live oak | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Poor | Poor | Undersized | Yes | Direct | |
| 78 79 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 1 | 11 3 | 3 0 | 6 | 0 | 0 | 0 | 0 | 0 | 30 15 | 25 5 | Good Fair | Good Fair | Native Undersized | Yes Yes | Direct Direct | |
| 80 | Quercus agrifolia | Coast live oak | 3 | 10 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 25 | 25 | Fair | Fair | Native | Yes | Direct | |
| 81 | Quercus agrifolia | Coast live oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 5 | Fair | Fair | Undersized | Yes | Direct | |
| 82 | Quercus agrifolia | Coast live oak | 3 | 6 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 20 | 20 | Good | Good | Native | Yes | Direct | |
| 83 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 10 | Good | Good | Undersized | Yes | Direct | |
| 84 | Quercus agrifolia | Coast live oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 85 | Quercus agrifolia | Coast live oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 5 | Fair | Fair | Undersized | Yes | Direct | |
| 86 | Quercus agrifolia | Coast live oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 5 | Fair | Fair | Undersized | Yes | Direct | |
| 87 | Quercus agrifolia | Coast live oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 88 89 | Quercus agrifolia Platanus racemosa | Coast live oak California sycamore | 1 | 9 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 35 | 15 45 | Good Poor | Good | Native Native | Yes Yes | Direct Direct | Invasive shot hole borer |
| 90 | Quercus agrifolia | Coast live oak | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 45 15 | Good | Good | Native | Yes | Direct | mivasive shot flore borer |
| 91 | Quercus agrifolia | Coast live oak | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 15 | Good | Good | Native | Yes | Direct | |
| 92 | Quercus agrifolia | Coast live oak | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 15 | Good | Good | Native | Yes | Direct | |
| 93 | Quercus agrifolia | Coast live oak | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 15 | Good | Good | Native | Yes | Direct | |
| 94 | Platanus racemosa | California sycamore | 7 | 26 | 12 | 28 | 20 | 6 | 0 | 20 | 0 | 65 | 75 | Good | Good | Native | Yes | Direct | |
| 95 | Quercus agrifolia | Coast live oak | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Good | Good | Native | Yes | Direct | |
| 96 | Quercus agrifolia | Coast live oak | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Good | Good | Native | Yes | Direct | |
| 97 | Quercus agrifolia | Coast live oak | 1 | 12 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 25 | Good | Good | Native | Yes | Direct | |
| 98 99 | Sambucus mexicana Quercus agrifolia | Blue elderberry Coast live oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 20 | 15 15 | Good Good | Good Good | Native Native | Yes Yes | Direct Direct | |
| 100 | Quercus agrifolia | Coast live oak | 2 | 6 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 15 | Good | Good | Native | Yes | Direct | |
| 101 | Platanus racemosa | California sycamore | 4 | 35 | 4 | 14 | 4 | 0 | 0 | 0 | 0 | 60 | 60 | Fair | Fair | Native | Yes | Direct | |
| 102 | Quercus agrifolia | Coast live oak | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 45 | Good | Good | Native | Yes | Direct | |
| 103 | Quercus agrifolia | Coast live oak | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 15 | Good | Good | Native | Yes | Direct | |
| 104 | Quercus agrifolia | Coast live oak | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 45 | Fair | Fair | Native | Yes | Encroachment | |
| 105 | Quercus agrifolia | Coast live oak | 2 | 17 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 40 | Fair | Fair | Native | Yes | Indirect | |
| 106 | Quercus agrifolia | Coast live oak | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 35 | Fair | Fair | Native | Yes | Indirect | |
| 107 | Quercus agrifolia | Coast live oak | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 35 | Fair | Fair | Native | Yes | Indirect | |
| 108 109 | Heteromeles arbutifolia Quercus agrifolia | Toyon Coast live oak | 1 | 8 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 25 | 20 25 | Fair Poor | Fair Poor | Native Native | Yes Yes | Indirect Indirect | |
| 110 | Quercus agrifolia | Coast live oak | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 35 | Good | Good | Native | Yes | Indirect | |
| 111 | Quercus agrifolia | Coast live oak | 1 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 35 | Good | Good | Native | Yes | Indirect | |
| 112 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Indirect | |
| 113 | Quercus berberidifolia | California scrub oak | 1 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 45 | Fair | Fair | Native | Yes | Indirect | |
| 114 | Quercus berberidifolia | California scrub oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Indirect | |
| 115 | Quercus berberidifolia | California scrub oak | 3 | 24 | 25 | 17 | 0 | 0 | 0 | 0 | 0 | 40 | 50 | Good | Good | Native | Yes | Indirect | |
| 116 | Quercus agrifolia | Coast live oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 15 | Good | Good | Native | Yes | Indirect | |
| 117 118 | Quercus agrifolia | Coast live oak | 1 | 25 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 40 | 50 15 | Good Good | Good | Native Native | Yes Yes | Encroachment Direct | |
| 119 | Quercus agrifolia Quercus berberidifolia | California scrub oak | 5 | 6 | 5 | 5 | 6 | 5 | 0 | 0 | 0 | 20 | 20 | Fair | Fair | Native | Yes | Direct | |
| 120 | Quercus berberidifolia | California scrub oak | 2 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 20 | Fair | Fair | Undersized | Yes | Indirect | |
| 121 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Fair | Undersized | Yes | Indirect | |
| 122 | Quercus berberidifolia | California scrub oak | 2 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 123 | Sambucus mexicana | Blue elderberry | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 20 | Dead | Dead | Hazard | Yes | Hazard | |
| 124 | Sambucus mexicana | Blue elderberry | 2 | 10 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | Dead | Dead | Hazard | Yes | Hazard | |
| 125 | Sambucus mexicana | Blue elderberry | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 5 | Dead | Dead | Hazard | Yes | Hazard | |
| 126 | Quercus berberidifolia | California scrub oak | 1 4 | 4 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 15 | 10 | Poor | Poor | Undersized | Yes | Encroachment | |
| 127 128 | Quercus berberidifolia Salix lasiolepis | California scrub oak Arrovo Willow | 1 | 9 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 35 15 | 20 15 | Fair Poor | Fair Poor | Native Native | Yes Yes | Direct Indirect | |
| 128 | Salix lasiolepis Salix lasiolepis | Arroyo Willow | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 10 | Poor | Poor | Native | Yes | Indirect | |
| 130 | Quercus berberidifolia | California scrub oak | 3 | 4 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 131 | Quercus berberidifolia | California scrub oak | 4 | 4 | 5 | 6 | 3 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 132 | Sambucus mexicana | Blue elderberry | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 133 | Sambucus mexicana | Blue elderberry | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 5 | Poor | Poor | Undersized | Yes | Encroachment | |
| 134 | Sambucus mexicana | Blue elderberry | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 15 | Poor | Poor | Native | Yes | Direct | |
| 135 | Quercus berberidifolia | California scrub oak | 6 | 3 | 4 | 3 | 5 | 5 | 0 | 0 | 0 | 25 | 25 | Fair | Fair | Undersized | Yes | Direct | |
| 136 | Quercus berberidifolia | California scrub oak | 9 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | DBH 1in |
| 137 138 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 15 15 | 15 10 | Poor Poor | Poor | Undersized Undersized | Yes Yes | Direct Direct | |
| 130 | Quereus Derberiuijoliu | Camornia Scrub Odk | 3 | 3 | 3 | 3 | U | U | U | U | U | 13 | 10 | FUUI | FUUI | Gildersized | 163 | Direct | I |

| Marie Mari | | | | | | | | | | ix B - Chadv | vick Ranch - | Tree Inven | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------|----------------------|---|----|----|----|---|---|--------------|--------------|------------|----|----|--------|-----------|------------|--------|-------------|-----------------------------|
| 10 Control Assemble Contro | Tree No. | Botanical Name | Common Name | | S1 | S2 | S3 | | | S6 | S7 | S8 | | | Health | Structure | Protected | Native | Disposition | Notes |
| 14 Description Marine contained 1 | 139 | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | | 5 | Fair | Fair | Undersized | Yes | Direct | |
| 14 Service Methodolish 21 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 4 1 2 4 4 1 2 4 4 1 2 4 4 4 4 4 4 4 4 4 | | | | | | | | | | | | | | | | | | | | Mechanical damaged |
| 140 Security Annual Content 130 150 140 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 15 | | | | | | 4 | | | | | | | | | | | | | | |
| 14 Description Control Contr | | | | | | 3 | | | | | | | | | | | | | | 500 4: 0: 4: 0: 5: |
| 15 Descriptorologies California series and 1 | | | | | | 2 | 3 | | | | | _ | | | | | | | | DBH 4in, 3in, 1in, 3in, 5in |
| 140 Control before before 1 | | | | | | 5 | 2 | | | | | | | | | | | | | |
| 120 Control selection 1 | | | | | | 0 | 0 | | | | | | | | | | | | | |
| Page | | | | 1 | 4 | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | | |
| 183 Series applicable California como control 2 5 6 7 0 0 0 0 0 0 0 0 0 | 148 | Heteromeles arbutifolia | | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| Section composition Consists in each 2 | | | | | | | - | - | | | | - | | | | | | | | |
| 1.52 Control specifies Const be cash 2 13 18 0 18 0 18 0 0 0 0 0 0 0 3 30 19 19 19 19 19 19 19 1 | | | | | | | _ | | | | | | | | | | | | | |
| 133 Control contro | | | | | | | | | | | | | | | | | | | | |
| 155 Convert Networker) 150 Convert Networker) 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 151 | | | | | | | | | | | | | | | | | | | | |
| 133 Control Ambrodrights Control Contro | | | | | | | | | | | | | | | | | | | | |
| 150 Control protection 1 | | | | | | | | | | | | | | | | | | | | |
| 137 Secret perfectified California scule of the 1 | | | | | 5 | | 3 | | 0 | | | | | | | | | | | |
| Decrease personalights Colorino scrole and 1 | 157 | Quercus berberidifolia | California scrub oak | 9 | 6 | 7 | 7 | 3 | 6 | 3 | 9 | 8 | 15 | 15 | Good | Good | Native | Yes | Direct | DBH 9in |
| 100 Control performal | | | | | | - | - | - | - | _ | | - | | _ | | | | | | |
| 151 Operan personalifies Conference and a | | | | | | 0 | - | _ | - | | | | | _ | | | | | | |
| 152 Operate pre-present/global Conforms script on the 1 1 4 0 0 0 0 0 0 0 15 10 Fair Fair Orderstood Pees Orbect | | | | | - | 3 | - | | - | _ | | - | | | | | | | | |
| According from some one of the control of the con | | | | | | | _ | | | | | | | _ | | | | | | |
| April Deverse performalifying College Service College Co | | | | _ | | | | | - | | | | | | | | | | | |
| Application Control Septiment Control Se | | | | _ | | - | ŭ | | | _ | Ü | | | | | | | | | |
| April December Properties Collisions such ask 6 6 8 5 3 4 0 0 0 0 15 15 Fair Fair Understand Ves Decet | | | | | | | | | | | | | | | | | | | | |
| April Description Cultiforms survivo dest 2 3 4 0 0 0 0 0 0 0 0 0 | | | | | | 4 | 3 | | | | | | | | | | | | | |
| Age Age | 167 | Quercus berberidifolia | California scrub oak | 6 | 6 | 8 | 5 | 3 | 4 | 0 | 0 | 0 | 25 | 20 | Fair | Fair | Native | Yes | Direct | |
| Authors Author | 168 | Quercus berberidifolia | California scrub oak | 2 | | 4 | 0 | 0 | 0 | 0 | | 0 | | | Dead | Dead | | Yes | Hazard | Mechanical damaged |
| 171 Alexander soutpoiled California scrib ack 1 3 0 0 0 0 0 0 0 0 0 | | | | | | | 3 | | | | | | | | | | | | | |
| Performents orbunified Toyon S | | | | | | - | - | | | | | | | | | | | | | |
| 173 | | | | | | | - | | | | | | | | | | | | | |
| Address betwellighta California scrub oak 4 3 4 3 2 0 0 0 0 0 15 15 Fair Fair Undersized Veg Direct | | | - ' ' ' | | | | | | | | | | | | | | | | | |
| 175 | | | | | | | | | | | | | | | | | | | | |
| Dureus benerinfiling California scrub oak 2 3 4 0 0 0 0 0 0 0 0 0 | | Quercus berberidifolia | California scrub oak | | | 4 | | | | | | 0 | | | | Fair | Native | | Direct | |
| Description Coast New Call Coast New Call Call Street Call Str | 176 | Quercus agrifolia | Coast live oak | 2 | 14 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 25 | Fair | Fair | Native | Yes | Direct | |
| | 177 | Quercus berberidifolia | California scrub oak | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 180 | | | | | | | | | | | | | | | | | | | | |
| 181 | | | | | | | | | | | | | | | | | | | | |
| 182 | | | | | | | | | | | | | | | | | | | | |
| 183 | | | | | | | | | | | | | | | | | | | | |
| 184 Quercus berberidifolia California scrub oak 2 7 8 0 0 0 0 0 0 0 0 0 | | | | | | 2 | 3 | | | | | | | | | | | | | |
| 186 Quercus berberidifolia California scrub oak 5 3 3 3 4 3 0 0 0 0 25 15 Fair Fair Undersized Yes Direct | 184 | | California scrub oak | 2 | 7 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | | | Fair | | | | |
| Secretar Secretar | 185 | Quercus berberidifolia | California scrub oak | 5 | 2 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 25 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 188 Quercus berberidifolia California scrub oak 2 4 2 0 0 0 0 0 0 0 15 5 Fair Fair Undersized Yes Direct | | | | | , | 3 | 3 | | 3 | _ | | - | | | | | | | | |
| Description California scrub oak 5 4 4 3 2 2 0 0 0 0 15 10 Fair Fair Undersized Yes Direct | | | | | | - | _ | _ | _ | | | | | | | | | | | |
| 190 Quercus berberidifolia California scrub oak 2 4 4 0 0 0 0 0 0 0 0 | | | | | | | · | | | , , | · | | | | | | | | | |
| 191 Quercus berberidifolia California scrub oak 3 4 2 2 0 0 0 0 0 0 15 15 Fair Fair Undersized Yes Direct | | | | | | | _ | | | | | | | | | | | | | |
| 192 Quercus berberidifolia California scrub oak 1 3 0 0 0 0 0 0 0 0 0 | | | | | | | - | | | | | | | | | | | | | |
| 193 Quercus berberidifolia California scrub oak 3 3 3 6 0 0 0 0 0 0 0 15 20 Fair Fair Native Yes Direct | | | | | | | | | | | | | | | | | | | | |
| 194 Quercus berberidifolia California scrub oak 1 3 0 0 0 0 0 0 0 0 0 | | | | | | 3 | 6 | | | | | | | | | | | | | |
| 196 Quercus berberidifolia California scrub oak 5 3 3 3 4 2 0 0 0 25 15 Fair Fair Undersized Yes Direct | | | | | | | 0 | | 0 | | | | | | | | | | | |
| 197 Quercus berberidifolia California scrub oak 5 5 5 4 3 4 4 0 0 0 0 25 15 Fair Fair Undersized Yes Direct | | | | _ | - | | 4 | | 3 | _ | | - | | | | | | | | |
| 198 Quercus berberidifolia California scrub oak 2 3 3 0 0 0 0 0 0 0 0 | | | | - | | | 3 | | | | | | | | | | | | | |
| 199 Quercus berberidifolia California scrub oak 2 3 3 0 0 0 0 0 0 0 15 15 | | | | | | | | | - | | | | | | | | | | | |
| 200 Quercus berberidifolia California scrub oak 3 6 6 5 0 0 0 0 20 15 Fair Fair Native Yes Direct 201 Quercus berberidifolia California scrub oak 2 6 6 0 0 0 0 20 15 Fair Fair Native Yes Direct 202 Heteromeles arbutifolia Toyon 6 3 1 1 4 3 0 0 0 20 15 Fair Fair Native Yes Direct 203 Quercus berberidifolia California scrub oak 3 2 4 2 0 0 0 0 20 15 Fair Fair Heterorized Fair Yes Direct 204 Quercus berberidifolia California scrub oak 1 5 0 0 0 0 25 15 Fair Fair Undersized Yes Direct < | | | | | | | | | | | | | | | | | | | | |
| 201 Quercus berberidifolia California scrub oak 2 6 6 0 0 0 0 0 20 15 Fair Fair Native Yes Direct 202 Heteromeles arbutifolia Toyon 6 3 1 1 4 3 0 0 0 20 15 Good Good Undersized Yes Direct 203 Quercus berberidifolia California scrub oak 3 2 4 2 0 0 0 0 20 15 Fair Fair Undersized Yes Direct 204 Quercus berberidifolia California scrub oak 1 5 0 0 0 0 25 15 Fair Fair Undersized Yes Direct 205 Quercus berberidifolia California scrub oak 1 4 0 0 0 0 15 15 Poor Poor Poor Direct 206 Que | | | | | - | | _ | - | - | | | - | | | | | | | | + |
| 202 Heteromeles arbutifolia Toyon 6 3 1 1 4 3 0 0 0 20 15 Good Good Undersized Yes Direct 203 Quercus berberidifolia California scrub oak 3 2 4 2 0 0 0 0 20 15 Fair Fair Undersized Yes Direct 204 Quercus berberidifolia California scrub oak 1 5 0 0 0 0 0 25 15 Fair Fair Undersized Yes Direct 205 Quercus berberidifolia California scrub oak 1 4 0 0 0 0 0 15 15 Foor Poor Poor Poor Direct 206 Quercus berberidifolia California scrub oak 2 4 5 0 0 0 0 20 20 Fair Fair Undersized Yes | | Question tententing and | | _ | | | | _ | | | | | | | | | | | | |
| 203 Quercus berberidifolia California scrub oak 3 2 4 2 0 0 0 0 20 15 Fair Fair Undersized Yes Direct 204 Quercus berberidifolia California scrub oak 1 5 0 0 0 0 0 25 15 Fair Fair Undersized Yes Direct 205 Quercus berberidifolia California scrub oak 1 4 0 0 0 0 0 15 15 Poor Poor Undersized Yes Direct 206 Quercus berberidifolia California scrub oak 2 4 5 0 0 0 0 20 20 Fair Fair Undersized Yes Direct | | | | | | | | | | | | | | | | | | | | |
| 205 Quercus berberidifolia California scrub oak 1 4 0 0 0 0 0 15 15 Poor Poor Undersized Yes Direct 206 Quercus berberidifolia California scrub oak 2 4 5 0 0 0 0 20 20 Fair Fair Undersized Yes Direct | | | | | 2 | 4 | | 0 | | | | | | | | | | | | |
| 206 Quercus berberidifolia California scrub oak 2 4 5 0 0 0 0 0 0 20 20 Fair Fair Undersized Yes Direct | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | _ | | | | | | | | |
| 201 Quercus perpenanjolia California scrup oak 1 4 0 0 0 0 0 0 15 15 Fair Fair Undersized Yes Direct | | | | | | _ | | | | | | | | | | | | | | |
| | 207 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | |

| | | | | | | | | | x B - Chadv | vick Ranch - | Tree Inven | | | | | | | | |
|------------|------------------------------------------------|-------------------------------------------|--------------------|-----------|---------|----|------------------|-------------------|-------------|--------------|------------|-----------------|-----------------|------------------|------------------|----------------------------|------------|-----------------------------------|--------------------------------------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | 53 | Individual S4 | Stems (in.) S5 | S6 | 57 | S8 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 208 | Quercus berberidifolia | California scrub oak | 4 | 4 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 209 | Quercus berberidifolia | California scrub oak | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 210 | Quercus berberidifolia | California scrub oak | 3 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 211 | Quercus berberidifolia | California scrub oak | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 212 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 3 | 7 | 3 10 | 3 | 7 | 0 | 0 | 0 | 0 | 20 35 | 15 30 | Fair Fair | Fair Fair | Undersized Native | Yes Yes | Direct Direct | |
| 213 | Quercus agrifolia | Coast live oak | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 45 | Poor | Poor | Native | Yes | Preserve in Place | |
| 215 | Quercus agrifolia | Coast live oak | 2 | 18 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 40 | Fair | Fair | Native | Yes | Preserve in Place | |
| 216 | Quercus agrifolia | Coast live oak | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 15 | Fair | Fair | Native | Yes | Preserve in Place | |
| 217 | Quercus agrifolia | Coast live oak | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 35 | Fair | Fair | Native | Yes | Preserve in Place | |
| 218 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Indirect | |
| 219 | Quercus agrifolia | Coast live oak | 1 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 30 | Fair Fair | Fair | Native | Yes | Indirect | |
| 220 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 2 | 3 16 | 3 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 40 | 15 20 | Fair | Fair Fair | Undersized Native | Yes Yes | Indirect Indirect | |
| 222 | Quercus agrifolia | Coast live oak | 2 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Indirect | |
| 223 | Quercus agrifolia | Coast live oak | 1 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 50 | Fair | Fair | Native | Yes | Indirect | |
| 224 | Quercus agrifolia | Coast live oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 10 | Good | Good | Undersized | Yes | Indirect | |
| 225 | Quercus agrifolia | Coast live oak | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Good | Good | Undersized | Yes | Indirect | |
| 226 | Quercus agrifolia | Coast live oak | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 30 | Fair | Fair | Native | Yes | Indirect | |
| 227 | Quercus agrifolia | Coast live oak | 2 | 9 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 228 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 1 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 50 | 15 25 | Good Critical | Good Critical | Undersized Hazard | Yes Yes | Indirect Hazard | |
| 230 | Quercus agrifolia | Coast live oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 10 | Good | Good | Native | Yes | Indirect | |
| 231 | Quercus agrifolia | Coast live oak | 2 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 10 | Good | Good | Native | Yes | Indirect | |
| 232 | Sambucus mexicana | Blue elderberry | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 233 | Quercus agrifolia | Coast live oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Native | Yes | Indirect | |
| 234 | Quercus agrifolia | Coast live oak | 2 | 6 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 15 | Fair | Fair | Native | Yes | Direct | |
| 235 | Quercus agrifolia | Coast live oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 10 | Fair | Fair | Native | Yes | Indirect | |
| 236 237 | Sambucus mexicana Quercus agrifolia | Blue elderberry Coast live oak | 2 | 9 5 | 0 11 | 0 | 0 | 0 | 0 | 0 | 0 | 15 25 | 15 15 | Fair Good | Fair Good | Native Native | Yes Yes | Indirect Indirect | |
| 238 | Sambucus mexicana | Blue elderberry | 5 | 6 | 2 | 3 | 1 | 1 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 239 | Sambucus mexicana | Blue elderberry | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Native | Yes | Indirect | |
| 240 | Quercus agrifolia | Coast live oak | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 241 | Quercus agrifolia | Coast live oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 10 | Fair | Fair | Native | Yes | Direct | |
| 242 | Quercus agrifolia | Coast live oak | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 20 | Fair | Fair | Native | Yes | Direct | |
| 243 | Quercus agrifolia Quercus berberidifolia | Coast live oak California scrub oak | 3 | 3 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 30 15 | 15 15 | Fair Fair | Fair Fair | Native Undersized | Yes Yes | Direct Indirect | |
| 245 | Quercus berberidifolia | California scrub oak | 2 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 30 | Fair | Fair | Native | Yes | Direct | |
| 246 | Quercus agrifolia | Coast live oak | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 30 | Fair | Fair | Native | Yes | Direct | |
| 247 | Quercus agrifolia | Coast live oak | 4 | 10 | 15 | 11 | 10 | 0 | 0 | 0 | 0 | 30 | 30 | Fair | Fair | Native | Yes | Encroachment | |
| 248 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Good | Good | Undersized | Yes | Direct | |
| 249 | Sambucus mexicana | Blue elderberry | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 15 | Fair | Fair | Native | Yes | Encroachment | |
| 250 251 | Quercus agrifolia | Coast live oak Coast live oak | 2 | 23 15 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 30 30 | 35 25 | Fair Fair | Fair Fair | Native Native | Yes Yes | Encroachment Indirect | |
| 251 | Quercus agrifolia Quercus berberidifolia | California scrub oak | 4 | 2 | 4 | 4 | 5 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Indirect | |
| 253 | Quercus berberidifolia | California scrub oak | 2 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 254 | Quercus agrifolia | Coast live oak | 3 | 9 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 40 | 15 | Fair | Fair | Native | Yes | Encroachment | |
| 255 | Quercus agrifolia | Coast live oak | 3 | 3 | 10 | 16 | 0 | 0 | 0 | 0 | 0 | 40 | 20 | Fair | Fair | Native | Yes | Encroachment | |
| 256 | Quercus agrifolia | Coast live oak | 3 | 4 | 5 | 7 | 0 | 0 | 0 | 0 | 0 | 40 | 25 | Fair | Fair | Native | Yes | Encroachment | |
| 257 | Quercus agrifolia | Coast live oak | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 30 | Fair | Fair | Native | Yes | Encroachment | |
| 258 259 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 3 | 20 18 | 24 0 | 20 | 0 | 0 | 0 | 0 | 0 | 40 30 | 45 20 | Fair Fair | Fair Fair | Native Native | Yes Yes | Encroachment Preserve in Place | |
| 260 | Quercus agrifolia | Coast live oak | 2 | 17 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 30 | Fair | Fair | Native | Yes | Preserve in Place | |
| 261 | Ulmus parvifolia | Chinese elm | 2 | 12 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 30 | Good | Good | Significant | No | Direct | |
| 262 | Quercus agrifolia | Coast live oak | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 35 | Fair | Fair | Native | Yes | Direct | |
| 263 | Platanus racemosa | California sycamore | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 5 | Fair | Fair | Undersized | Yes | Direct | |
| 264 | Pinus halepensis | TáAleppo pine | 2 | 18 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 15 | Poor | Poor | Significant | No | Direct | |
| 265 | Pinus halepensis | TáAleppo pine | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 15 | Fair | Fair | Significant | No | Direct | |
| 266 267 | Pinus halepensis Pinus halepensis | ⊤áAleppo pine ⊤áAleppo pine | 1 | 9 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 30 | 15 15 | Fair Fair | Fair Fair | Significant Significant | No No | Direct Direct | |
| 268 | Pinus halepensis | TáAleppo pine | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 10 | Fair | Fair | Significant | No | Direct | |
| 269 | Pinus halepensis | TáAleppo pine | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 15 | Fair | Fair | Significant | No | Direct | |
| 270 | Pinus halepensis | ⊤áAleppo pine | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Significant | No | Encroachment | |
| 271 | Pinus halepensis | ⊤áAleppo pine | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 15 | Fair | Fair | Significant | No | Encroachment | |
| 272 | Pinus halepensis | TáAleppo pine | 3 | 15 | 11 | 15 | 0 | 0 | 0 | 0 | 0 | 40 | 20 | Fair | Fair | Significant | No | Encroachment | |
| 273 274 | Pinus halepensis | TáAleppo pine | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 15 | Fair | Fair | Significant | No | Encroachment | |
| 274 | Liquidambar styraciflua Pinus canariensis | American sweetgum Canary Island pine | 1 | 9 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 20 | 15 10 | Fair Fair | Fair Fair | Significant Significant | No No | Direct Direct | |
| 276 | Heteromeles arbutifolia | Toyon | 8 | 4 | 6 | 2 | 2 | 2 | 2 | 2 | 2 | 11 | 15 | Dead | Dead | Hazard | Yes | Hazard | |
| | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | Appendi | x B - Chadv | vick Ranch | - Tree Inven | tory Matrix | ı | | | | | | |
|------------|------------------------------------------------|----------------------------------------------|--------------------|---------|---------|----|------------------|-------------|-------------|------------|--------------|-----------------|-----------------|--------------|--------------|--------------------------|------------|------------------------------|----------------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | S3 | Individual S4 | Stems (in.) | S6 | S7 | 58 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 277 | Quercus berberidifolia | California scrub oak | 4 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 12 | 15 | Poor | Poor | Undersized | Yes | Direct | |
| 278 | Heteromeles arbutifolia | Toyon | 3 | 2 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 12 | 15 | Fair | Poor | Undersized | Yes | Direct | |
| 279 | Quercus agrifolia | Coast live oak | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 18 | Poor | Fair | Native | Yes | Direct | |
| 280 | Quercus agrifolia | Coast live oak | 1 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 15 | Poor | Poor | Native | Yes | Direct | |
| 281 | Quercus berberidifolia | California scrub oak | 3 5 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 12 13 | 10 15 | Poor | Poor | Undersized | Yes | Direct | Mechanical damaged |
| 282 283 | Heteromeles arbutifolia Quercus agrifolia | Toyon Coast live oak | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Poor Poor | Poor Poor | Undersized Undersized | Yes Yes | Direct Direct | |
| 284 | Quercus agrifolia | Coast live oak | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 15 | 6 | Poor | Poor | Undersized | Yes | Direct | |
| 285 | Heteromeles arbutifolia | Toyon | 12 | 6 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 15 | 18 | Fair | Poor | Native | Yes | Direct | DBH 3in,3in,3in,3in |
| 286 | Quercus agrifolia | Coast live oak | 2 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Poor | Undersized | Yes | Direct | |
| 287 | Heteromeles arbutifolia | Toyon | 9 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 10 | 18 | Good | Fair | Undersized | Yes | Direct | DBH 1in |
| 288 | Quercus agrifolia | Coast live oak | 3 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Poor | Undersized | Yes | Direct | |
| 289 | Quercus berberidifolia | California scrub oak | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | Poor | Fair | Undersized | Yes | Direct | |
| 290 | Quercus berberidifolia | California scrub oak | 10 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 10 | 15 | Poor | Poor | Undersized | Yes | Direct | DBH 2in,2in |
| 291 292 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 4 | 2 | 2 | 3 | 1 | 0 | 0 | 1 | 0 | 12 10 | 15 6 | Fair Fair | Poor Poor | Undersized Undersized | Yes Yes | Direct Direct | |
| 292 | Quercus berberiaijolia Ouercus berberidifolia | California scrub oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 294 | Quercus berberidifolia | California scrub oak | 2 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 15 | Fair | Fair | Native | Yes | Direct | |
| 295 | Quercus berberidifolia | California scrub oak | 5 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 9 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 296 | Heteromeles arbutifolia | Toyon | 12 | 4 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 8 | 11 | Poor | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in |
| 297 | Quercus berberidifolia | California scrub oak | 3 | 5 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 298 | Quercus berberidifolia | California scrub oak | 9 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 12 | 15 | Fair | Poor | Undersized | Yes | Direct | DBH 1in |
| 299 | Heteromeles arbutifolia | Toyon | 10 | 4 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 10 | 15 | Poor | Fair | Undersized | Yes | Direct | DBH 1in,1in |
| 300 | Quercus agrifolia | Coast live oak | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 10 | Good | Fair | Undersized | Yes | Direct | |
| 301 | Quercus agrifolia | Coast live oak | 2 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 25 | Good | Poor | Undersized | Yes | Direct | |
| 302 303 | Sambucus mexicana Heteromeles arbutifolia | Blue elderberry Tovon | 6 | 8 | 9 | 0 | 1 | 0 | 0 | 0 | 0 | 12 10 | 15 10 | Good Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 303 | Heteromeles arbutifolia | Toyon | 10 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 10 | 8 | Poor | Fair | Undersized | Yes | Direct | DBH 1in.1in |
| 305 | Heteromeles arbutifolia | Toyon | 5 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 12 | 10 | Poor | Poor | Undersized | Yes | Direct | DBH IIII,IIII |
| 306 | Heteromeles arbutifolia | Toyon | 12 | 2 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 12 | 12 | Fair | Poor | Undersized | Yes | Indirect | DBH 1in,1in,1in,1in |
| 307 | Heteromeles arbutifolia | Toyon | 7 | 5 | 3 | 2 | 2 | 1 | 1 | 1 | 0 | 18 | 15 | Poor | Poor | Undersized | Yes | Indirect | |
| 308 | Heteromeles arbutifolia | Toyon | 9 | 5 | 5 | 4 | 4 | 3 | 3 | 2 | 1 | 15 | 20 | Fair | Fair | Undersized | Yes | Indirect | DBH 1in |
| 309 | Heteromeles arbutifolia | Toyon | 3 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 12 | 8 | Fair | Fair | Undersized | Yes | Indirect | |
| 310 | Heteromeles arbutifolia | Toyon | 10 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 7 | 13 | Fair | Poor | Undersized | Yes | Indirect | DBH 1in,1in |
| 311 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Good | Poor | Undersized | Yes | Indirect | |
| 312 313 | Quercus agrifolia Quercus berberidifolia | Coast live oak California scrub oak | 1 | 16 4 | 17 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 17 | 30 8 | Fair Fair | Fair Fair | Native Undersized | Yes Yes | Indirect Indirect | |
| 314 | Quercus agrifolia | Coast live oak | 1 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 | Fair | Poor | Native | Yes | Indirect | Uprooted growing on ground |
| 315 | Sambucus mexicana | Blue elderberry | 6 | 3 | 3 | 4 | 1 | 1 | 1 | 0 | 0 | 15 | 15 | Fair | Poor | Undersized | Yes | Indirect | Oprooted growing on ground |
| 316 | Heteromeles arbutifolia | Toyon | 10 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 15 | 15 | Fair | Fair | Undersized | Yes | Indirect | DBH 1in,1in |
| 317 | Quercus berberidifolia | California scrub oak | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 7 | Good | Fair | Undersized | Yes | Indirect | |
| 318 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | Good | Fair | Undersized | Yes | Indirect | |
| 319 | Quercus agrifolia | Coast live oak | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 38 | Poor | Fair | Native | Yes | Indirect | |
| 320 | Heteromeles arbutifolia | Toyon | 4 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 10 | 18 | Good | Fair | Undersized | Yes | Indirect | |
| 321 322 | Heteromeles arbutifolia | Toyon | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 11 | Fair | Fair Poor | Native | Yes | Indirect | |
| 322 | Sambucus mexicana Quercus agrifolia | Blue elderberry Coast live oak | 1 | 4 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 40 | 40 | Fair Fair | Poor Fair | Undersized Native | Yes Yes | Indirect Indirect | |
| 323 | Heteromeles arbutifolia | Toyon | 3 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 13 | 8 | Good | Poor | Undersized | Yes | Indirect | |
| 325 | Heteromeles arbutifolia | Toyon | 8 | 4 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 15 | 8 | Good | Fair | Undersized | Yes | Indirect | |
| 326 | Sambucus mexicana | Blue elderberry | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Good | Fair | Undersized | Yes | Indirect | _ |
| 327 | Quercus agrifolia | Coast live oak | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 30 | Poor | Poor | Native | Yes | Indirect | |
| 328 | Quercus agrifolia | Coast live oak | 1 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 30 | Poor | Fair | Native | Yes | Encroachment | |
| 329 | Heteromeles arbutifolia | Toyon | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 8 | Fair | Fair | Undersized | Yes | Indirect | |
| 330 | Sambucus mexicana | Blue elderberry | 5 | 5 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 8 | 8 | Good | Fair | Undersized | Yes | Indirect | |
| 331 332 | Sambucus mexicana Heteromeles arbutifolia | Blue elderberry Toyon | 10 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 8 12 | 12 10 | Good Good | Poor Fair | Undersized Undersized | Yes Yes | Encroachment Encroachment | DBH 31- 31- |
| 332 | Ouercus aarifolia | Coast live oak | 10 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 10 | Good | Fair | Undersized | Yes | Indirect | DBH 2in,2in |
| 334 | Quercus agrifolia | Coast live oak | 2 | 9 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 335 | Quercus agrifolia | Coast live oak | 2 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 15 | Fair | Fair | Undersized | Yes | Indirect | |
| 336 | Heteromeles arbutifolia | Toyon | 10 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 14 | 16 | Fair | Fair | Undersized | Yes | Indirect | DBH 2in,2in |
| 337 | Sambucus mexicana | Blue elderberry | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 12 | Fair | Fair | Native | Yes | Indirect | |
| 338 | Sambucus mexicana | Blue elderberry | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 20 | Fair | Poor | Native | Yes | Indirect | |
| 339 | Quercus agrifolia | Coast live oak | 1 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 40 | Poor | Fair | Native | Yes | Indirect | |
| 340 | Quercus agrifolia | Coast live oak | 2 | 10 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 35 | Poor | Fair | Native | Yes | Indirect | |
| 341 | Sambucus mexicana | Blue elderberry | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 4 | Poor | Fair | Undersized | Yes | Indirect | |
| 342 343 | Sambucus mexicana Ouercus aarifolia | Blue elderberry Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 15 | 9 | Fair Fair | Poor Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 343 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 345 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 3.5 | | OTTING SCI GD GGR | | | ŭ | Ŭ | | | | | | | ı ĭ | | | 2.100.51200 | | Direct | 1 |

| | | | | | | | | | x B - Chadv | vick Ranch | - Tree Inven | | | | | | | | |
|------------|----------------------------------------------------|----------------------------------------------|--------------------|---------|-----------|---------|------------------|-------------|-------------|------------|--------------|-----------------|-----------------|--------------|--------------|--------------------------|------------|-------------------------------------|-----------------------------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | 53 | Individual S4 | Stems (in.) | S6 | S7 | S8 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 346 | Quercus berberidifolia | California scrub oak | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 15 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 347 | Quercus berberidifolia | California scrub oak | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 15 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| 348 | Quercus berberidifolia | California scrub oak | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| 349 | Quercus agrifolia | Coast live oak | 1 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 30 | Fair | Fair | Native | Yes | Direct | |
| 350 | Quercus agrifolia | Coast live oak | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 27 | Fair | Fair | Native | Yes | Direct | |
| 351 | Quercus berberidifolia | California scrub oak | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | Poor | Poor | Undersized | Yes | Direct | |
| 352 353 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 12 | 12 10 | Fair Fair | Poor Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 354 | Quercus agrijolia Quercus berberidifolia | California scrub oak | 9 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 14 | 10 | Fair | Fair | Undersized | Yes | Direct | DBH 1in |
| 355 | Quercus agrifolia | Coast live oak | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Fair | Native | Yes | Direct | DDIT 1111 |
| 356 | Quercus berberidifolia | California scrub oak | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 357 | Quercus agrifolia | Coast live oak | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 358 | Quercus berberidifolia | California scrub oak | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 20 | Fair | Fair | Undersized | Yes | Direct | |
| 359 | Heteromeles arbutifolia | Toyon | 12 | 5 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | DBH 3in,3in,3in,3in |
| 360 | Heteromeles arbutifolia | Toyon | 5 | 3 | 4 | 2 | 3 | 1 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 361 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 15 | 13 | Fair | Fair | Undersized | Yes | Direct | |
| 362 363 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 1 | 3 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 13 | 10 8 | Fair Fair | Fair Fair | Undersized | Yes Yes | Direct Direct | |
| 364 | Quercus berberidifolia | California scrub oak | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 10 | 8 | Fair | Fair | Undersized Undersized | Yes | Direct | |
| 365 | Quercus berberidifolia | California scrub oak | 5 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 7 | 8 | Fair | Poor | Undersized | Yes | Direct | |
| 366 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 9 | Fair | Poor | Undersized | Yes | Direct | |
| 367 | Quercus berberidifolia | California scrub oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 368 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 5 | Fair | Fair | Undersized | Yes | Direct | |
| 369 | Quercus berberidifolia | California scrub oak | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 5 | Fair | Fair | Undersized | Yes | Direct | |
| 370 | Heteromeles arbutifolia | Toyon | 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 14 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 371 | Quercus berberidifolia | California scrub oak | 9 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 18 | 15 | Fair | Fair | Undersized | Yes | Direct | DBH 1in |
| 372 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 11 | 12 | Fair | Fair | Undersized | Yes | Direct | 50041 41 41 |
| 373 374 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 12 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 10 10 | 15 7 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | DBH 1in,1in,1in,1in |
| 375 | Quercus berberidifolia | California scrub oak | 6 | 3 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 376 | Quercus berberidifolia | California scrub oak | 9 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 10 | 15 | Fair | Fair | Undersized | Yes | Direct | DBH 1in |
| 377 | Quercus berberidifolia | California scrub oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 10 | Fair | Fair | Undersized | Yes | Direct | 55112111 |
| 378 | Quercus berberidifolia | California scrub oak | 3 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 10 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 379 | Quercus berberidifolia | California scrub oak | 6 | 4 | 3 | 3 | 2 | 2 | 2 | 0 | 0 | 10 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 380 | Quercus berberidifolia | California scrub oak | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 381 | Quercus berberidifolia | California scrub oak | 10 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 13 | 13 | Fair | Fair | Undersized | Yes | Direct | DBH 2in,2in |
| 382 | Quercus berberidifolia | California scrub oak | 12 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 8 | 10 | Fair | Fair Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in |
| 383 384 | Quercus agrifolia | Coast live oak | 3 | 8 16 | 10 | 6 | 0 | 0 | 0 | 0 | 0 | 27 | 22 | Fair | 1011 | Native | Yes | Direct | |
| 385 | Quercus agrifolia Heteromeles arbutifolia | Coast live oak Toyon | 5 10 | 10 | 18 | 16 1 | 9 | 6 1 | 1 | 0 | 0 | 35 13 | 45 15 | Fair Good | Poor Fair | Native Undersized | Yes Yes | Direct Indirect | DBH 1in,1in |
| 386 | Quercus berberidifolia | California scrub oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 13 | Good | Fair | Undersized | Yes | Indirect | DBH IIII,IIII |
| 387 | Heteromeles arbutifolia | Toyon | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | 15 | Good | Fair | Undersized | Yes | Preserve in Place | DBH 1in,1in |
| 388 | Heteromeles arbutifolia | Toyon | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | 15 | Good | Fair | Undersized | Yes | Preserve in Place | DBH 1in,1in |
| 389 | Sambucus mexicana | Blue elderberry | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 3 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 390 | Heteromeles arbutifolia | Toyon | 6 | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 13 | 20 | Good | Fair | Undersized | Yes | Preserve in Place | |
| 391 | Heteromeles arbutifolia | Toyon | 10 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 14 | 13 | Good | Fair | Undersized | Yes | Preserve in Place | DBH 1in,1in |
| 392 | Heteromeles arbutifolia | Toyon | 7 | 3 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 15 | 10 | Good | Fair | Undersized | Yes | Preserve in Place | |
| 393 394 | Sambucus mexicana Quercus berberidifolia | Blue elderberry California scrub oak | 4 | 6 | 0 5 | 3 | 0 4 | 0 | 0 | 0 | 0 | 15 15 | 10 13 | Fair Fair | Poor Fair | Native Native | Yes Yes | Preserve in Place Preserve in Place | + |
| 395 | Heteromeles arbutifolia | Toyon | 4 | 3 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 396 | Heteromeles arbutifolia | Toyon | 12 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 11 | 12 | Good | Fair | Undersized | Yes | Indirect | DBH 3in,3in,3in |
| 397 | Heteromeles arbutifolia | Toyon | 5 | 3 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 14 | 12 | Good | Fair | Undersized | Yes | Indirect | ,, |
| 398 | Heteromeles arbutifolia | Toyon | 4 | 4 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 11 | 15 | Good | Fair | Undersized | Yes | Indirect | |
| 399 | Heteromeles arbutifolia | Toyon | 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 12 | 10 | Good | Fair | Undersized | Yes | Indirect | |
| 400 | Heteromeles arbutifolia | Toyon | 8 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 8 | 10 | Good | Fair | Undersized | Yes | Indirect | ļ |
| 401 | Quercus berberidifolia | California scrub oak | 6 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 13 | 8 | Fair | Fair | Undersized | Yes | Indirect | 2014: |
| 402 403 | Heteromeles arbutifolia Heteromeles arbutifolia | Toyon Toyon | 12 12 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 15 15 | 18 18 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Indirect Indirect | DBH 1in,1in,1in,1in DBH 2in,2in,2in,2in |
| 403 | Heteromeies arbutifolia Heteromeles arbutifolia | Toyon | 12 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | 18 | Fair Fair | Fair | Undersized | Yes | Indirect | DBH 2in,2in,2in,2in DBH 1in,1in,1in |
| 404 | Heteromeles arbutifolia | Toyon | 12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 12 | Fair | Fair | Undersized | Yes | Indirect | DBH 1in,1in,1in,1in DBH 1in.1in.1in |
| 406 | Heteromeles arbutifolia | Toyon | 12 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 14 | 12 | Fair | Fair | Undersized | Yes | Encroachment | DBH 1in,1in,1in,1in |
| 407 | Quercus berberidifolia | California scrub oak | 5 | 4 | 4 | 6 | 1 | 3 | 0 | 0 | 0 | 18 | 14 | Fair | Fair | Native | Yes | Indirect | |
| 408 | Quercus berberidifolia | California scrub oak | 5 | 3 | 4 | 3 | 4 | 3 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Indirect | |
| 409 | Quercus berberidifolia | California scrub oak | 4 | 4 | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 15 | 11 | Fair | Fair | Undersized | Yes | Indirect | |
| 410 | Heteromeles arbutifolia | Toyon | 7 | 4 | 2 | 4 | 2 | 2 | 2 | 2 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Indirect | |
| 411 | Quercus berberidifolia | California scrub oak | 4 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 15 | 8 | Fair | Fair | Undersized | Yes | Indirect | |
| 412 | Quercus berberidifolia | California scrub oak | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 6 | Fair | Fair | Undersized | Yes | Indirect | |
| 413 414 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 15 15 | 8 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Indirect Indirect | + |
| 414 | Quereus berberiuijoliu | Cambillia Scrub Odk | 3 | 1 | 1 | 1 | U | U | U | U | U | 13 | | raii | raii | onuci sizeu | 163 | munect | L |

| | | | | | | | | | x B - Chadv | vick Ranch | - Tree Inven | | | | | | | | |
|------------|----------------------------------------------------|-------------------------------------------|--------------------|----|---------|----|------------------|-------------|-------------|------------|--------------|-----------------|-----------------|--------------|--------------|--------------------------|------------|----------------------------------------|--------------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | S3 | Individual S4 | Stems (in.) | S6 | S7 | S8 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 415 | Heteromeles arbutifolia | Toyon | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 18 | 8 | Good | Fair | Undersized | Yes | Indirect | |
| 416 | Quercus berberidifolia | California scrub oak | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 14 | 6 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 417 | Quercus agrifolia | Coast live oak | 2 | 16 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 25 | Good | Fair | Native | Yes | Preserve in Place | |
| 418 | Quercus berberidifolia | California scrub oak | 5 | 2 | 2 | 4 | 3 | 3 | 0 | 0 | 0 | 16 | 15 | Good | Fair | Undersized | Yes | Preserve in Place | |
| 419 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 10 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 420 421 | Heteromeles arbutifolia Heteromeles arbutifolia | Toyon Toyon | 10 4 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 14 14 | 8 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Preserve in Place Preserve in Place | DBH 1in,1in |
| 422 | Heteromeles arbutifolia | Toyon | 12 | 1 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 11 | 12 | Fair | Fair | Undersized | Yes | Preserve in Place | DBH 1in,1in,1in,1in |
| 423 | Heteromeles arbutifolia | Toyon | 6 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 13 | 10 | Fair | Fair | Undersized | Yes | Preserve in Place | DBH IIII,IIII,IIII |
| 424 | Heteromeles arbutifolia | Toyon | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 13 | 6 | Fair | Fair | Undersized | Yes | Preserve in Place | DBH 1in,1in |
| 425 | Heteromeles arbutifolia | Toyon | 4 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 14 | 8 | Fair | Fair | Undersized | Yes | Indirect | |
| 425.1 | Heteromeles arbutifolia | Toyon | 12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 13 | 6 | Fair | Fair | Undersized | Yes | Preserve in Place | DBH 1in,1in,1in,1in |
| 426 | Quercus agrifolia | Coast live oak | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 6 | Fair | Poor | Undersized | Yes | Indirect | |
| 427 | Quercus berberidifolia | California scrub oak | 4 | 2 | 3 | 4 | 3 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Poor | Undersized | Yes | Indirect | |
| 428 429 | Heteromeles arbutifolia | Toyon | 12 | 2 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 19 | 18 15 | Fair | Poor | Undersized | Yes | Indirect | DBH 1in,1in,1in,1in |
| 430 | Heteromeles arbutifolia Sambucus mexicana | Toyon Blue elderberry | 10 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 13 13 | 10 | Good Good | Fair Poor | Undersized Undersized | Yes Yes | Indirect Indirect | DBH 1in,1in |
| 431 | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 11 | Good | Fair | Native | Yes | Indirect | |
| 432 | Heteromeles arbutifolia | Toyon | 8 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 13 | 13 | Good | Poor | Undersized | Yes | Indirect | |
| 433 | Sambucus mexicana | Blue elderberry | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 12 | Good | Fair | Undersized | Yes | Indirect | |
| 434 | Heteromeles arbutifolia | Toyon | 4 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 15 | 12 | Good | Fair | Undersized | Yes | Indirect | |
| 435 | Heteromeles arbutifolia | Toyon | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 10 | Good | Fair | Undersized | Yes | Indirect | |
| 436 | Sambucus mexicana | Blue elderberry | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 10 | Good | Fair | Native | Yes | Indirect | |
| 437 | Quercus agrifolia | Coast live oak | 1 4 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 10 | Good | Fair | Native | Yes | Indirect | |
| 438 439 | Quercus agrifolia | Coast live oak | 1 | 6 | 10 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 18 | 16 6 | Good | Fair | Native | Yes | Preserve in Place Indirect | |
| 440 | Quercus agrifolia Quercus berberidifolia | Coast live oak California scrub oak | 4 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 9 | 12 | Good Poor | Fair Poor | Undersized Undersized | Yes Yes | Direct | |
| 441 | Quercus berberidifolia | California scrub oak | 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 8 | 8 | Fair | Poor | Undersized | Yes | Direct | |
| 442 | Quercus berberidifolia | California scrub oak | 12 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 11 | 13 | Fair | Poor | Undersized | Yes | Direct | DBH 1in,1in,1in,1in |
| 443 | Quercus berberidifolia | California scrub oak | 4 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 11 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 444 | Quercus berberidifolia | California scrub oak | 7 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 13 | 13 | Fair | Fair | Undersized | Yes | Direct | |
| 445 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 446 | Quercus berberidifolia | California scrub oak | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 11 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 447 | Quercus berberidifolia | California scrub oak | 5 | 1 | 1 | 1 | 2 | 2 | 0 | 0 | 0 | 8 | 13 | Fair | Fair | Undersized | Yes | Direct | |
| 448 449 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 11 12 | 10 15 | Fair Fair | Fair Fair | Undersized | Yes Yes | Direct Direct | |
| 450 | Quercus berberidifolia | California scrub oak | 2 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 451 | Quercus berberidifolia | California scrub oak | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 4 | Poor | Poor | Undersized | Yes | Direct | |
| 452 | Quercus berberidifolia | California scrub oak | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 8 | 4 | Poor | Poor | Undersized | Yes | Direct | |
| 453 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 454 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 455 | Quercus berberidifolia | California scrub oak | 4 | 2 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 14 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 456 | Quercus agrifolia | Coast live oak | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 457 458 | Quercus agrifolia Quercus berberidifolia | Coast live oak California scrub oak | 2 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 12 | 14 6 | Fair Fair | Fair Fair | Native Undersized | Yes Yes | Direct Direct | |
| 459 | Quercus berberidifolia | California scrub oak | 12 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 11 | 10 | Fair | Fair | Undersized | Yes | Direct | DBH 2in,2in,2in,2in |
| 460 | Quercus aarifolia | Coast live oak | 1 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 18 | Good | Fair | Native | Yes | Direct | DDIT ZIII,ZIII,ZIII,ZIII |
| 461 | Quercus berberidifolia | California scrub oak | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 462 | Quercus berberidifolia | California scrub oak | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 463 | Quercus agrifolia | Coast live oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 10 | Good | Fair | Undersized | Yes | Direct | |
| 464 | Quercus agrifolia | Coast live oak | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 465 | Quercus berberidifolia | California scrub oak | 5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 12 | 8 | Fair | Fair | Undersized | Yes | Direct | DBH 3in 3in 3in 3in |
| 466 467 | Heteromeles arbutifolia Quercus berberidifolia | Toyon California scrub oak | 12 7 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 13 12 | 17 10 | Fair Fair | Poor Poor | Undersized Undersized | Yes Yes | Direct Direct | DBH 2in,2in,2in,2in |
| 467 | Quercus berberidifolia | California scrub oak | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 469 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 5 | 3 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 470 | Heteromeles arbutifolia | Toyon | 8 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 8 | 10 | Poor | Poor | Undersized | Yes | Direct | |
| 471 | Quercus berberidifolia | California scrub oak | 3 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 12 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 472 | Quercus berberidifolia | California scrub oak | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 12 | 10 | Poor | Fair | Undersized | Yes | Direct | |
| 473 | Quercus berberidifolia | California scrub oak | 5 | 2 | 3 | 4 | 3 | 2 | 0 | 0 | 0 | 12 | 10 | Poor | Poor | Undersized | Yes | Direct | |
| 475 | Quercus berberidifolia | California scrub oak | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 5 | Fair Fair | Poor Fair | Undersized | Yes | Direct Direct | |
| 476 477 | Quercus agrifolia Quercus berberidifolia | Coast live oak California scrub oak | 3 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 18 14 | 10 9 | Fair Fair | Fair Fair | Native Undersized | Yes Yes | Direct Direct | |
| 477 | Quercus berberiaifolia Quercus berberidifolia | California scrub oak | 3 | 2 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 14 | 15 | Fair | Fair | Undersized | Yes | Direct | <u> </u> |
| 479 | Quercus berberidifolia | California scrub oak | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 480 | Quercus berberidifolia | California scrub oak | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 10 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 481 | Heteromeles arbutifolia | Toyon | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 482 | Quercus agrifolia | Coast live oak | 3 | 9 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 23 | 14 | Good | Fair | Native | Yes | Direct | |
| 483 | Quercus berberidifolia | California scrub oak | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 11 | 8 | Good | Fair | Undersized | Yes | Direct | |
| | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | ix B - Chadv | vick Ranch - | Tree Invent | | | | | | | | |
|------------|------------------------------------------------|----------------------------------------------|--------------------|---------|----|----|------------------|-------------|--------------|--------------|-------------|-----------------|-----------------|--------------|--------------|--------------------------|------------|------------------------------|---------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | 53 | Individual S4 | Stems (in.) | S6 | 57 | \$8 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 484 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 8 | Good | Fair | Undersized | Yes | Direct | |
| 485 | Quercus berberidifolia | California scrub oak | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 11 | 8 | Good | Fair | Undersized | Yes | Direct | |
| 486 | Quercus berberidifolia | California scrub oak | 2 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 487 | Quercus agrifolia | Coast live oak | 2 | 12 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 16 | Poor | Fair | Native | Yes | Direct | |
| 488 489 | Quercus berberidifolia | California scrub oak | 2 | 3 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 11 13 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 489 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 10 | Good Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 491 | Heteromeles arbutifolia | Toyon | 8 | 5 | 6 | 3 | 3 | 2 | 1 | 1 | 1 | 18 | 15 | Good | Fair | Native | Yes | Direct | |
| 492 | Quercus berberidifolia | California scrub oak | 3 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 15 | 16 | Fair | Fair | Undersized | Yes | Direct | |
| 493 | Quercus berberidifolia | California scrub oak | 4 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 494 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 6 | Good | Fair | Undersized | Yes | Direct | |
| 495 | Quercus berberidifolia | California scrub oak | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 496 497 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 2 | 2 | 3 | 2 | 3 | 0 | 0 | 0 | 0 | 11 12 | 9 12 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 498 | Quercus berberidifolia | California scrub oak | 4 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 12 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 499 | Quercus berberidifolia | California scrub oak | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 500 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 8 | Dead | Dead | Hazard | Yes | Hazard | |
| 501 | Quercus berberidifolia | California scrub oak | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 | Poor | Fair | Undersized | Yes | Direct | |
| 502 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 6 | Poor | Fair | Undersized | Yes | Direct | |
| 503 504 | Quercus berberidifolia | California scrub oak | 3 6 | 3 | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 12 | 10 | Poor | Poor | Undersized | Yes | Direct | |
| 504 | Quercus berberidifolia Quercus berberidifolia | California scrub oak | 10 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 12 14 | 10 10 | Poor Poor | Poor Poor | Undersized Undersized | Yes Yes | Direct Direct | DBH 2in,2in |
| 506 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 9 | 13 | Dead | Dead | Hazard | Yes | Hazard | DBH 2111,2111 |
| 507 | Quercus berberidifolia | California scrub oak | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 10 | Dead | Dead | Hazard | Yes | Hazard | |
| 508 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 5 | Poor | Poor | Undersized | Yes | Direct | |
| 509 | Quercus berberidifolia | California scrub oak | 4 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 10 | 7 | Poor | Poor | Undersized | Yes | Direct | |
| 510 | Quercus berberidifolia | California scrub oak | 8 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 12 | 10 | Poor | Poor | Undersized | Yes | Direct | |
| 511 | Sambucus mexicana | Blue elderberry | 2 | 7 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 6 | 12 | Fair | Poor | Undersized | Yes | Direct | |
| 512 513 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 5 4 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 15 6 | 10 10 | Fair Poor | Fair Poor | Undersized Undersized | Yes Yes | Direct Direct | |
| 514 | Quercus berberidifolia | California scrub oak | 5 | 2 | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 11 | 13 | Poor | Poor | Undersized | Yes | Direct | |
| 515 | Heteromeles arbutifolia | Toyon | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 11 | 8 | Good | Poor | Undersized | Yes | Direct | |
| 516 | Quercus berberidifolia | California scrub oak | 5 | 9 | 3 | 4 | 7 | 2 | 0 | 0 | 0 | 17 | 18 | Poor | Poor | Native | Yes | Direct | |
| 517 | Quercus berberidifolia | California scrub oak | 2 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 15 | Good | Fair | Undersized | Yes | Direct | |
| 518 519 | Quercus berberidifolia Ouercus berberidifolia | California scrub oak | 4 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 14 | 10 | Fair Fair | Fair Fair | Undersized Undersized | Yes | Direct Direct | |
| 520 | Quercus berberidifolia | California scrub oak | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 14 7 | 10 6 | Poor | Fair | Undersized | Yes Yes | Direct | |
| 521 | Quercus berberidifolia | California scrub oak | 3 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 10 | 7 | Poor | Poor | Undersized | Yes | Direct | |
| 522 | Quercus agrifolia | Coast live oak | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 15 | Dead | Dead | Hazard | Yes | Hazard | |
| 523 | Quercus agrifolia | Coast live oak | 3 | 10 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 28 | 18 | Fair | Poor | Native | Yes | Direct | |
| 524 | Quercus berberidifolia | California scrub oak | 5 | 3 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 15 | 18 | Fair | Poor | Undersized | Yes | Direct | |
| 525 | Quercus berberidifolia | California scrub oak | 4 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 526 527 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 1 | 15 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 28 | 12 12 | Fair Fair | Fair Fair | Native Native | Yes Yes | Direct Direct | |
| 528 | Quercus agrifolia | Coast live oak | 2 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 15 | Fair | Fair | Native | Yes | Direct | |
| 529 | Quercus berberidifolia | California scrub oak | 7 | 4 | 3 | 3 | 2 | 2 | 2 | 2 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 530 | Quercus berberidifolia | California scrub oak | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 531 | Quercus agrifolia | Coast live oak | 2 | 8 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 20 | Poor | Fair | Native | Yes | Direct | |
| 532 | Quercus berberidifolia | California scrub oak | 3 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Native | Yes | Direct | |
| 533 534 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 20 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 534 | Quercus berberidifolia Quercus agrifolia | California scrub oak Coast live oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 6 10 | Poor Fair | Poor Fair | Undersized Native | Yes Yes | Direct Direct | |
| 536 | Quercus agrifolia | Coast live oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 8 | Poor | Fair | Native | Yes | Direct | |
| 537 | Quercus agrifolia | Coast live oak | 2 | 8 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 16 | Poor | Fair | Native | Yes | Direct | |
| 538 | Quercus agrifolia | Coast live oak | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 16 | Poor | Fair | Native | Yes | Direct | |
| 539 | Heteromeles arbutifolia | Toyon | 4 | 1 | 3 | 3 | 4 | 0 | 0 | 0 | 0 | 15 | 18 | Good | Poor | Undersized | Yes | Direct | |
| 540 | Quercus agrifolia | Coast live oak | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 18 | Good | Fair | Native | Yes | Direct | |
| 541 542 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 2 | 3 6 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 18 18 | 6 18 | Good Good | Fair Fair | Undersized Native | Yes Yes | Direct Direct | |
| 543 | Quercus agrifolia | Coast live oak | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 16 | Poor | Fair | Native | Yes | Direct | |
| 544 | Quercus agrifolia | Coast live oak | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 30 | Fair | Fair | Native | Yes | Direct | |
| 545 | Quercus agrifolia | Coast live oak | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 18 | Fair | Fair | Native | Yes | Direct | |
| 546 | Heteromeles arbutifolia | Toyon | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 16 | Fair | Fair | Undersized | Yes | Direct | |
| 547 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 548 | Quercus agrifolia | Coast live oak | 3 | 10 | 9 | 15 | 0 | 0 | 0 | 0 | 0 | 27 | 25 | Fair | Poor | Native | Yes | Encroachment | |
| 549 550 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 1 | 3 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 27 | 6 14 | Fair Fair | Fair Fair | Undersized Native | Yes Yes | Encroachment Encroachment | |
| 551 | Quercus agrifolia | Coast live oak | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 4 | Dead | Dead | Hazard | Yes | Hazard | |
| 552 | Quercus agrifolia | Coast live oak | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 1 | Dead | Dead | Hazard | Yes | Hazard | |
| • | | • | | | | • | | | | | | | | • | | | | | |

| Second Company Company | | | | | | | | | | x B - Chadv | vick Ranch | - Tree Inven | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------|-------------------------|--------------------|----|----|----|---|---|-------------|------------|--------------|--------|-----------------|--------|-----------|-------------|--------|-------------------|---------------------------------|
| Section of the control of the cont | Tree No. | Botanical Name | Common Name | Number of Stems | £1 | 62 | 62 | | | S.C. | 67 | co | Height | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| The contract of the contract | 553 | Quercus agrifolia | Coast live oak | | | | | | | | | | | | Poor | Fair | Native | Yes | Encroachment | |
| 200 Section general Continue to the cont | | | Coast live oak | 2 | | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 19 | Fair | Poor | Native | Yes | Indirect | |
| Section of the control of the cont | 555 | Quercus agrifolia | Coast live oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| Section algorithm Control for Section 2 | | Quercus agrifolia | | 2 | 12 | | 0 | | | | _ | | | | | | | | | |
| Section description Construction Construction | | | | | | | | | | | | | | | _ | | | | | |
| Section Section Section | | | | | | | | | | | | | | | | | | | | On ground |
| Section of the content of the cont | | | | | | | | | _ | | | | | | | | | | | |
| Section Continue control of the Continue control of the Continue Contin | | | | | | | | | | | | | | | | | | | | 8 4 b i l - d d |
| Section Accordance (Control of Control of | | | | | | | | | | | | | | | | | | | | Mechanical damaged |
| | | | | | | _ | | | | | | | | | | | | | | Mechanical damaged, DBH 2in,2in |
| April Communication study and A | | | | | | 2 | | | 0 | | | | | | | | | | | Mechanical damaged |
| Sections for this plant Section Section | | | | | | 2 | | | | | | | | | | | | | | Mechanical damaged |
| Section Communication Section Section | | | | 10 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | | 12 | | | | | | |
| | 567 | Quercus berberidifolia | California scrub oak | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 8 | Poor | Poor | Undersized | Yes | Direct | |
| 377 Control exchangible Control exchan | | Quercus berberidifolia | California scrub oak | | - | - | _ | _ | _ | _ | | | | | Poor | Fair | Undersized | | Direct | |
| ST7 Reference production Common and product | | Heteromeles arbutifolia | Toyon | | 3 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | | 11 | Poor | Poor | Undersized | Yes | Direct | Mechanical damaged |
| Section of the production of | | ~ | | | _ | | - | - | _ | - | _ | - | | | | | | | | |
| \$2.72 Personners includible Topon 6 2 2 2 2 2 2 2 2 0 0 | | ~ | | | | | | | _ | | | | | | | | | | | |
| Section Sect | | | | | | | | | _ | | - | _ | | | | | | | | DBH 3in |
| 576 | | | | | | _ | | _ | | | | | | | | | | | | |
| Section Conference principal Conference service and Section Sectio | | | | | _ | , | | | | - | | | | | | | | | | |
| STP Petersonia substitution Transcolor 10 2 2 2 2 2 0 0 0 0 | | | | | | | | | | · | | | | | | | | | | |
| Extraction 1 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 2 | | | | 1 | | | | | | | | | | DBH 1in.1in |
| Set Outcome benefossigilist California scrub oask 2 1 2 0 0 0 0 0 12 8 Poor Fair Understaned Pres Direct | | | | | | 3 | 3 | 3 | 3 | 0 | 0 | | | | | | | | | |
| Section Sect | | Quercus berberidifolia | California scrub oak | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 | | Fair | | Yes | Direct | |
| Sea Ourcess betwertiffolis | 581 | Quercus berberidifolia | California scrub oak | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 | Poor | Fair | | Yes | Direct | |
| | | | | 3 | | _ | 2 | | | 0 | | | | 10 | | | | | | |
| Sept | | | | 1 | | - | | | _ | | | | | - | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| S88 Quercus berberdiplion California scrulo oak 1 | | , | | | | | | | | | | | | | | | | | | |
| Sept Description California scrub ook 1 | | | | | | - | | | _ | | | | | | | | | | | DBH Zin,Zin,Zin,Zin |
| Sept. Content Sept. Content Sept. Content Sept. Content Sept. Sept | | | | 1 | | | | | | | | | | | | | | | | |
| 590 Description California scrib oak 1 7 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| | | | California scrub oak | | 7 | 0 | | | | | | | | | | | | | | |
| Section Sect | | | | | 2 | 0 | | | 0 | | 0 | | | | | | | | | |
| | | | | 3 | | | | | | | 0 | | | | | | | | | |
| Post Heteromeles arbutifolia Toyon | 593 | Quercus berberidifolia | California scrub oak | 3 | 2 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 18 | 15 | Fair | Fair | Undersized | Yes | Indirect | |
| Section Sect | 594 | Quercus agrifolia | Coast live oak | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 6 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| S97 Quercus berberidifolia California scrub oak 2 2 4 0 0 0 0 0 0 0 0 15 10 Fair Fair Undersized Yes Preserve in Place | | | | | | | | | | | | | | | | | | | | |
| System Exteramelia arbutfolia Toyon System System Toyon System Syste | | | | | | | | | | | | | | | | | | | | |
| Separate Separate | | | | | | | | | | | | | | | | | | | | |
| 600 Quercus berberidifolia California scrub oak 3 6 7 8 0 0 0 0 0 0 0 12 10 Good Fair Native Yes Indirect | | | | | | | | | | | | | | | | | | | | |
| 601 Heteromeles arbutifolia Toyon 4 6 2 1 1 0 0 0 0 0 12 10 Good Fair Native Yes Encroachment | | | | | | - | _ | - | _ | - | _ | - | | | | | | | | |
| 602 Sambucus mexicana Blue elderberry 1 5 0 0 0 0 0 0 0 0 0 | | | | | - | | | | _ | - | _ | - | | | | | | | | |
| 603 Quercus berberidifolia California scrub oak 1 5 0 0 0 0 0 0 0 0 0 | | , | - / - | | _ | | | | _ | - | | | | | | | | | | |
| 604 Quercus agrifolia Coast live oak 1 11 0 0 0 0 0 0 0 | | | | - | _ | ŭ | , | | | ŭ | | | | | | | | | | |
| 605 Quercus agrifolia Coast live oak 1 1 0 0 0 0 0 0 0 0 | | | | 1 | 11 | | | | | | | | | | | | | | | |
| 607 Quercus perberidifolia California scrub oak 2 2 3 0 0 0 0 0 0 0 0 10 10 Poor Fair Undersized Yes Indirect | | Quercus agrifolia | Coast live oak | 1 | | 0 | 0 | 0 | 0 | 0 | 0 | | 12 | 5 | | Good | | | Indirect | |
| Coast live oak Society Society Coast live oak Society Coast live oak Society | 606 | Quercus berberidifolia | California scrub oak | | _ | 0 | _ | 0 | 0 | 0 | _ | 0 | | _ | Fair | Fair | Undersized | Yes | Indirect | |
| Figure F | | | | | | | , | - | _ | | | | | | | | | | | |
| 610 Heteromeles arbutifolia Toyon 4 3 3 3 4 2 0 0 0 0 16 11 Dead Dead Hazard Yes Hazard 611 Pinus halepensis TāAleppo pine 1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | _ | | | , | | _ | | | | | | | | | | |
| 611 Pinus halepensis TáAleppo pine 1 4 0 0 0 0 0 0 20 11 Good Fair Undersized No Indirect 612 Quercus agrifolia Coast live oak 2 10 9 8 0 0 0 0 27 18 Good Fair Native Yes Indirect 613 Quercus agrifolia Coast live oak 2 10 9 0 0 0 0 23 18 Good Fair Native Yes Indirect 614 Pinus halepensis TáAleppo pine 1 17 0 0 0 0 0 45 30 Good Fair Native Yes Indirect 614 Pinus salepensis TáSanta Rosa plum 1 17 0 0 0 0 0 19 20 Good Fair Native Yes Indirect 616 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | _ | | | | _ | | | | | | | | | |
| 612 Quercus agrifolia Coast live oak 3 14 9 8 0 0 0 0 0 0 27 18 Good Fair Native Yes Indirect 613 Quercus agrifolia Coast live oak 2 10 9 0 0 0 0 0 0 0 23 18 Good Fair Native Yes Indirect 614 Pinus halepensis Táleppo pine 1 17 0 0 0 0 0 0 0 0 0 0 0 6 Fair Significant No Indirect 615 Quercus agrifolia Coast live oak 2 8 6 0 0 0 0 0 0 0 19 20 Good Fair Native Yes Indirect 616 Quercus agrifolia Coast live oak 2 8 6 0 0 0 0 0 0 0 19 20 Good Fair Native Yes Indirect 617 Prunus salicina Tálenta Rosa plum 2 1 2 0 0 0 0 0 0 0 16 14 Good Fair Native Yes Indirect 618 Prunus salicina Tálenta Rosa plum 1 2 0 0 0 0 0 0 0 0 17 9 Good Fair Undersized No Indirect 619 Prunus salicina Tálenta Rosa plum 1 3 0 0 0 0 0 0 0 0 12 8 Fair Fair Undersized No Indirect 620 Pinus canariensis Canary Island pine 1 7 0 0 0 0 0 0 0 0 0 15 Fair Fair Significant No Indirect | | | | | | _ | | | | | | | | | | | | | | |
| 613 Quercus agrifolia Coast live oak 2 10 9 0 0 0 0 0 0 0 23 18 Good Fair Native Yes Indirect 614 Pinus halepensis — Τάλlepo pine 1 1 17 0 0 0 0 0 0 0 0 0 0 45 30 Good Fair Significant No Indirect 615 Quercus agrifolia Coast live oak 2 8 6 0 0 0 0 0 0 19 20 Good Fair Native Yes Indirect 616 Quercus agrifolia Coast live oak 2 6 2 0 0 0 0 0 0 16 14 Good Fair Native Yes Indirect 617 Prunus salicina — Τάδατα Rosa plum 2 1 2 0 0 0 0 0 0 0 17 9 Good Fair Undersized No Indirect 618 Prunus salicina — Τάδατα Rosa plum 1 2 0 0 0 0 0 0 0 17 9 Good Fair Undersized No Indirect 619 Prunus salicina — Τάδατα Rosa plum 1 2 0 0 0 0 0 0 0 0 12 8 Fair Fair Undersized No Indirect 619 Prunus salicina — Τάδατα Rosa plum 1 3 0 0 0 0 0 0 0 0 0 13 8 Fair Fair Undersized No Indirect 620 Pinus canariensis Canary Island pine 1 7 0 0 0 0 0 0 0 0 0 5 10 Fair Fair Significant No Indirect | | | | | | - | _ | | | | _ | | | | | | | | | |
| 614 Pinus halepensis — Aleppo pine 1 17 0 0 0 0 0 0 0 0 0 0 45 30 Good Fair Significant No Indirect 615 Quercus agrifolia — Coast live oak 2 8 6 0 0 0 0 0 0 0 19 20 Good Fair Native Yes Indirect 616 Quercus agrifolia — Coast live oak 2 6 2 0 0 0 0 0 0 0 19 20 Good Fair Native Yes Indirect 617 Prunus solicina — Tásanta Rosa plum 2 1 2 0 0 0 0 0 0 0 17 9 Good Fair Undersized No Indirect 618 Prunus solicina — Tásanta Rosa plum 1 2 0 0 0 0 0 0 0 17 9 Good Fair Undersized No Indirect 619 Prunus solicina — Tásanta Rosa plum 1 2 0 0 0 0 0 0 0 12 8 Fair Fair Undersized No Indirect 619 Prunus solicina — Tásanta Rosa plum 1 3 0 0 0 0 0 0 0 13 8 Fair Fair Undersized No Indirect 620 Prunus canariensis — Canary Island pine 1 7 0 0 0 0 0 0 0 0 0 0 15 Fair Fair Significant No Indirect | | | | | | - | | | | | | | | | | | | | | |
| 615 Quercus agrifolia Coast live oak 2 8 6 0 0 0 0 0 0 19 20 Good Fair Native Yes Indirect 616 Quercus agrifolia Coast live oak 2 6 2 0 0 0 0 0 0 16 14 Good Fair Native Yes Indirect 617 Prunus salicina TáSanta Rosa plum 2 1 2 0 0 0 0 0 0 17 9 Good Fair Undersized No Indirect 618 Prunus salicina TáSanta Rosa plum 1 2 0 0 0 0 0 0 0 12 8 Fair Fair Undersized No Indirect 619 Prunus salicina TáSanta Rosa plum 1 3 0 0 0 0 0 0 0 0 13 8 Fair Fair Undersized No Indirect 620 Pinus canariensis Canary Island pine 1 7 0 0 0 0 0 0 0 0 35 10 Fair Fair Significant No Indirect | | | | | | | | | | | | | | | | | | | | |
| 616 Quercus agrifolia Coast live oak 2 6 2 0 0 0 0 0 0 16 14 Good Fair Native Yes Indirect 617 Prunus salicina | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | | | | | | | | |
| 617 Prunus solicina TáSanta Rosa plum 2 1 2 0 0 0 0 0 17 9 Good Fair Undersized No Indirect 618 Prunus salicina TáSanta Rosa plum 1 2 0 0 0 0 0 12 8 Fair Fair Undersized No Indirect 619 Prunus salicina TáSanta Rosa plum 1 3 0 0 0 0 0 13 8 Fair Fair Undersized No Indirect 620 Pinus canariensis Canary Island pine 1 7 0 0 0 0 0 35 10 Fair Fair Significant No Indirect | | | | | | 2 | | | | | | | | | | | | | | |
| 618 Prunus salicina TáSanta Rosa plum 1 2 0 0 0 0 0 0 12 8 Fair Fair Undersized No Indirect 619 Prunus salicina TáSanta Rosa plum 1 3 0 0 0 0 0 13 8 Fair Fair Undersized No Indirect 620 Pinus conariensis Canary Island pine 1 7 0 0 0 0 35 10 Fair Fair Significant No Indirect | | | | | - | 2 | | - | | | _ | | | | | | | | | |
| 619 Prunus solicina TáSanta Rosa plum 1 3 0 0 0 0 0 0 13 8 Fair Fair Undersized No Indirect 620 Pinus conariensis Canary Island pine 1 7 0 0 0 0 0 35 10 Fair Fair Significant No Indirect | | | | 1 | 2 | 0 | | 0 | 0 | | 0 | | | 8 | | | | | | |
| | | Prunus salicina | TáSanta Rosa plum | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 8 | Fair | Fair | Undersized | No | Indirect | |
| 621 Pinus halenensis | | | earrery researce proces | 1 | | - | _ | - | _ | - | _ | - | | | | | | | | |
| 02.2 prinos noncepcioso percepto pine 1 10 0 0 0 0 0 0 0 | 621 | Pinus halepensis | TáAleppo pine | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 25 | Fair | Fair | Significant | No | Indirect | |

| | | | | | | | | | ix B - Chadv | vick Ranch - | - Tree Inven | | | | | | | | |
|------------|----------------------------------------------------|----------------------------------------|--------------------|----------|----|----|------------------|-------------|--------------|--------------|--------------|-----------------|-----------------|--------------|--------------|----------------------------|------------|------------------------------|-------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | S3 | Individual S4 | Stems (in.) | S6 | S7 | S8 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 622 | Pinus halepensis | ⊤áAleppo pine | 1 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 30 | Fair | Fair | Significant | No | Indirect | |
| 623 | Pinus canariensis | Canary Island pine | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 6 | Fair | Fair | Undersized | No | Indirect | |
| 624 | Pinus canariensis | Canary Island pine | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 15 | Fair | Fair | Significant | No | Indirect | |
| 625 | Pinus canariensis | Canary Island pine | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 15 | Fair | Fair | Significant | No | Indirect | |
| 626 627 | Pinus canariensis | Canary Island pine | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 25 | Fair Fair | Fair | Significant | No | Indirect | |
| 627 | Quercus berberidifolia Quercus agrifolia | California scrub oak Coast live oak | 2 | 2 12 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 15 30 | 10 19 | Poor | Fair Poor | Undersized Native | Yes Yes | Indirect Indirect | |
| 629 | Quercus agrifolia | Coast live oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 9 | Good | Fair | Undersized | Yes | Indirect | |
| 630 | Quercus agrifolia | Coast live oak | 4 | 1 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 16 | 11 | Good | Fair | Undersized | Yes | Indirect | |
| 631 | Heteromeles arbutifolia | Toyon | 8 | 4 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 14 | 15 | Good | Fair | Undersized | Yes | Indirect | |
| 632 | Quercus agrifolia | Coast live oak | 5 | 4 | 1 | 2 | 2 | 1 | 0 | 0 | 0 | 14 | 10 | Good | Fair | Undersized | Yes | Encroachment | |
| 633 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 10 | Good | Fair | Undersized | Yes | Encroachment | |
| 634 | Quercus agrifolia | Coast live oak | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 20 | Good | Fair | Native | Yes | Encroachment | |
| 635 | Cupressus sempervirens | Italian cypress | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 10 | Dead | Dead | Hazard | No | Hazard | |
| 636 | Cupressus sempervirens | Italian cypress | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 5 | Good | Good | Significant | No | Indirect | |
| 638 | Cupressus sempervirens Cupressus sempervirens | Italian cypress Italian cypress | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 40 | 5 5 | Good Good | Good Good | Significant Significant | No No | Indirect Indirect | |
| 639 | Cupressus sempervirens | Italian cypress | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 15 | Poor | Poor | Significant | No | Indirect | |
| 640 | Cupressus sempervirens | Italian cypress | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 15 | Poor | Poor | Significant | No | Indirect | |
| 641 | Heteromeles arbutifolia | Toyon | 5 | 5 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 15 | 18 | Good | Poor | Undersized | Yes | Indirect | |
| 642 | Cupressus sempervirens | Italian cypress | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 12 | Good | Fair | Undersized | No | Indirect | |
| 643 | Cupressus sempervirens | Italian cypress | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 12 | Good | Fair | Undersized | No | Indirect | |
| 644 | Quercus berberidifolia | California scrub oak | 4 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 11 | 10 | Good | Fair | Undersized | Yes | Encroachment | |
| 645 | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 16 | 10 | Good | Fair | Undersized | Yes | Encroachment | |
| 646 647 | Pinus halepensis | TáAleppo pine | 1 | 18 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 65 | 25 30 | Good | Fair Fair | Significant | No | Indirect | |
| 648 | Pinus halepensis Pinus halepensis | ⊤áAleppo pine ⊤áAleppo pine | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 25 | Good | Fair | Significant Significant | No No | Indirect Indirect | |
| 649 | Quercus agrifolia | Coast live oak | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 5 | Good | Fair | Undersized | Yes | Encroachment | |
| 650 | Quercus berberidifolia | California scrub oak | 5 | 1 | 6 | 5 | 4 | 3 | 0 | 0 | 0 | 17 | 15 | Good | Fair | Native | Yes | Encroachment | |
| 651 | Quercus berberidifolia | California scrub oak | 4 | 1 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 13 | 10 | Fair | Fair | Undersized | Yes | Indirect | |
| 652 | Quercus berberidifolia | California scrub oak | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 10 | Fair | Fair | Undersized | Yes | Indirect | |
| 653 | Quercus berberidifolia | California scrub oak | 2 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 12 | Fair | Fair | Undersized | Yes | Indirect | |
| 654 | Quercus berberidifolia | California scrub oak | 3 | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 16 | 12 | Fair | Fair | Undersized | Yes | Indirect | |
| 655 656 | Heteromeles arbutifolia Pinus canariensis | Toyon Canary Island pine | 5 1 | 17 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 15 40 | 20 30 | Fair Fair | Fair Fair | Undersized Significant | Yes No | Indirect Indirect | |
| 657 | Quercus agrifolia | Coast live oak | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 14 | Good | Good | Native | Yes | Fncroachment | |
| 658 | Pinus halepensis | TáAleppo pine | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 20 | Good | Good | Significant | No | Indirect | |
| 659 | Pinus halepensis | TáAleppo pine | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 5 | Good | Good | Undersized | No | Indirect | |
| 660 | Quercus berberidifolia | California scrub oak | 5 | 2 | 3 | 4 | 1 | 3 | 0 | 0 | 0 | 15 | 12 | Good | Fair | Undersized | Yes | Indirect | |
| 661 | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 15 | 12 | Good | Fair | Undersized | Yes | Encroachment | |
| 662 | Cupressus sempervirens | Italian cypress | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 5 | Good | Fair | Undersized | No | Indirect | |
| 663 | Cupressus sempervirens | Italian cypress | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 5 | Good | Fair | Undersized | No | Indirect | |
| 664 665 | Cupressus sempervirens | Italian cypress | 1 5 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 40 17 | 5 13 | Good | Fair Fair | Undersized | No Yes | Indirect Indirect | |
| 666 | Heteromeles arbutifolia Pinus canariensis | Toyon Canary Island pine | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 30 | Good Good | Fair | Undersized Significant | No. | Indirect | |
| 667 | Heteromeles arbutifolia | Toyon | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Good | Fair | Undersized | Yes | Indirect | |
| 668 | Quercus berberidifolia | California scrub oak | 4 | 2 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 18 | 12 | Good | Fair | Undersized | Yes | Indirect | |
| 669 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 10 | Fair | Fair | Undersized | Yes | Indirect | |
| 670 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 10 | Fair | Fair | Undersized | Yes | Encroachment | |
| 671 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 6 | 2 | 0 | 0 | 0 | 0 | 18 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 672 | Quercus berberidifolia | California scrub oak | 2 | 4 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 19 | Fair | Fair | Native | Yes | Encroachment | |
| 673 674 | Heteromeles arbutifolia Heteromeles arbutifolia | Toyon Toyon | 3 5 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 12 14 | 10 10 | Good Good | Fair Fair | Undersized Undersized | Yes Yes | Indirect Indirect | |
| 675 | Heteromeles arbutifolia | Toyon | 5 | 4 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 14 | 10 | Good | Fair | Undersized | Yes | Indirect | |
| 676 | Pittosporum spp. | Pittosporum spp. | 4 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 14 | 10 | Good | Fair | Undersized | No | Indirect | |
| 677 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 15 | Good | Fair | Undersized | Yes | Indirect | |
| 678 | Quercus agrifolia | Coast live oak | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 8 | Good | Fair | Undersized | Yes | Indirect | |
| 679 | Pinus canariensis | Canary Island pine | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 27 | Good | Fair | Significant | No | Indirect | |
| 680 | Heteromeles arbutifolia | Toyon | 5 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 14 | 9 | Good | Fair | Undersized | Yes | Indirect | |
| 681 | Heteromeles arbutifolia | Toyon | 5 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 16 | 11 | Good | Fair | Undersized | Yes | Indirect | |
| 682 683 | Quercus agrifolia Quercus agrifolia | Coast live oak | 1 5 | 9 | 6 | 6 | 0 8 | 3 | 0 | 0 | 0 | 20 | 16 17 | Good | Fair Fair | Native Native | Yes Yes | Encroachment Encroachment | |
| 684 | Heteromeles arbutifolia | | 5 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 20 9 | 9 | Good | Fair | Undersized | Yes | Indirect | |
| 685 | Heteromeles arbutifolia | Toyon Toyon | 5 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 13 | 10 | Good | Fair | Undersized | Yes | Indirect | |
| 686 | Heteromeles arbutifolia | Toyon | 4 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 10 | 7 | Good | Fair | Undersized | Yes | Indirect | |
| 687 | Heteromeles arbutifolia | Toyon | 5 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 10 | 7 | Good | Fair | Undersized | Yes | Indirect | |
| 688 | Quercus berberidifolia | California scrub oak | 4 | 4 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 15 | 12 | Fair | Fair | Undersized | Yes | Indirect | |
| 689 | Sambucus mexicana | Blue elderberry | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 12 | Poor | Fair | Native | Yes | Indirect | |
| 690 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| | | | | | | | | | | | | | | | | | | | |

| 746 Quercus agrifolia Coast live oak 1 6 0 0 0 0 0 0 30 15 Fair Fair Native Yes Encroachmer 747 Quercus agrifolia Coast live oak 2 7 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>ix B - Chadv</th><th>vick Ranch</th><th>- Tree Inven</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<> | | | | | | | | | | ix B - Chadv | vick Ranch | - Tree Inven | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------------------|------------------------------------------|---|----------|-----------|----|----|---|--------------|------------|--------------|----|----|--------|-----------|------------------|--------|--------------------------|------------------|
| Both Communication Control of the control of | Tree No. | Botanical Name | Common Name | | S1 | S2 | S3 | | | S6 | S7 | S8 | | | Health | Structure | Protected | Native | Disposition | Notes |
| EGN Querous enterwerighties California surviva and 2 5 3 0 0 0 0 0 0 15 8 Part Fair Understown Ves Diversity California surviva and California surviva and | 691 Q | Quercus berberidifolia | California scrub oak | | - | | | 2 | 2 | 0 | 0 | 0 | 15 | | Fair | Fair | Undersized | Yes | Direct | |
| General extending Continue such as 4 5 4 5 4 0 0 0 0 0 13 28 187 Fell University Cent Continue such as 0 0 0 0 0 0 0 0 0 | | | | 2 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 8 | Poor | | | | Direct | |
| | | Quercus berberidifolia | California scrub oak | 5 | 5 | 5 | 4 | 4 | 4 | 0 | 0 | 0 | 15 | 20 | Fair | Fair | Undersized | Yes | Direct | |
| Page Description Continue send book 2 4 2 2 0 0 0 0 0 0 0 15 10 Prop. Fart Matthew Ves. Direct Page Continue send book 5 4 4 2 2 2 2 2 2 0 0 0 0 | | | | | , | | - | | | _ | _ | | | | | | | | | |
| Description Description California scription S. 4 2 7 7 2 2 2 3 0 0 15 15 10 Fast Fast Understand Ves. Direct Tool Captures between prices of the control of the | | | | | | | | _ | | | | | | | | | | | | |
| PACE Debreval extendigible Colores and public Sept. Sept. | | | | | | | | | | | | | | | | | | | | |
| Post Development antholiginal Spon S | | | | | | | | | | | | | | | | | | | | |
| Description Conference of the Conference of | | | | - | _ | _ | | | | | _ | - | | | | | | | | |
| Description | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Total Disease betweenfigible Cultimors are all and A | | | Blue elderberry | 3 | 6 | 4 | 4 | 0 | 0 | 0 | 0 | | | 15 | Fair | Poor | Native | | Direct | |
| | | Quercus berberidifolia | California scrub oak | 8 | 4 | 4 | 3 | 3 | 3 | 3 | | 3 | | | | | Undersized | | Direct | |
| Process | | Quercus berberidifolia | California scrub oak | 4 | 4 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| Decent performance Decen | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| This Semblacus mexicinian Blue elderberry 3 6 5 4 0 0 0 0 0 12 16 Fair Popor Undersized Ves Direct | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | , | | | _ | | | | | | | | | | | | | | |
| Total Cultifornia scrub oals 8 | | | | | _ | | _ | - | | _ | _ | - | | - | | | | | | |
| Texas Description California scrulo oak 3 5 4 4 0 0 0 0 0 0 20 14 Fair Fair Undersized Ves Direct Ves Direct California scrulo oak 5 4 2 2 2 2 2 2 0 0 0 15 15 Fair Fair Native Ves Direct Ves | | | | - | _ | | - | | 3 | | | | | | | | | | | |
| Test | | | | 3 | 5 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | | 14 | | | | | | |
| 272 Quercus berberieffiglia California scrub pask 8 | | | | _ | | | | | | | | | | | | | | | | |
| 272 Quercus berterifigine California scrub oak 6 5 2 2 2 2 2 2 0 0 0 15 15 Fair Fair Undersized Yes Direct T29 Quercus berterifigine California scrub oak 4 4 4 2 3 0 0 0 12 15 Fair Fair Undersized Yes Direct T29 Quercus berterifigine California scrub oak 4 4 4 4 3 0 0 0 0 12 15 Fair Fair Undersized Yes Direct T29 Quercus berterifigine California scrub oak 4 4 4 4 3 0 0 0 0 12 15 Fair Fair Undersized Yes Direct T29 Quercus berterifigine California scrub oak 4 4 4 4 2 3 0 0 0 0 12 15 Fair Fair Undersized Yes Direct T29 | | | | _ | | _ | _ | | | Ü | | | | | | | | | | |
| 229 Querus berteriffy California scrub oak | | | | | | | | | | | | | | | | | | | | |
| 279 Querous Determétifique California scrub oak 5 5 5 4 4 2 3 0 0 0 12 15 Fair Fair Undersized Ves Direct 1731 Querous Determétifique California scrub oak 4 4 4 4 3 3 0 0 0 0 12 15 Fair Fair Undersized Ves Direct 1731 Querous Determétifique California scrub oak 4 4 4 4 2 3 0 0 0 0 12 15 Fair Fair Undersized Ves Direct 1732 Querous Determétifique California scrub oak 4 4 4 4 2 3 0 0 0 0 0 12 15 Fair Fair Undersized Ves Direct 1732 Querous orgificial Castal Nev oak 1 5 0 0 0 0 0 0 0 0 0 | | | | | | _ | | | | | | | | | | | | | | |
| 230 Quercus berberidifolia California scrub oak 4 4 4 4 3 3 0 0 0 0 12 15 Fair Fair Undersized Yes Direct 231 Effectomeles actual/fullo Toyon 7 6 5 4 4 4 4 4 4 4 0 12 20 Fair Fair Undersized Yes Direct 232 Effectomeles actual/fullo Toyon 7 6 5 5 4 4 4 4 4 4 0 12 20 Fair Fair Undersized Yes Direct 234 Effectomeles actual/fullo Toyon 5 6 6 5 4 4 4 4 4 4 0 0 12 20 Fair Fair Undersized Yes Direct 234 Effectomeles actual/fullo Toyon 5 6 6 5 5 4 4 4 0 0 0 0 0 17 8 Fair Fair Undersized Yes Direct 234 Effectomeles actual/fullo Toyon 5 6 6 5 5 4 4 4 0 0 0 0 0 15 20 Fair Fair Native Yes Direct 234 Effectomeles actual/fullo Toyon 7 9 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | _ | | | | | | | | | | | |
| Page | | | | | | | 2 | _ | | | | | | | | | | | | |
| 273 | | | | 7 | | 5 | 4 | | | | | | | | | | | | | |
| Part | | | - / - | 1 | | 0 | | | | | | | | | | | | | | |
| 378 | | | | 5 | 6 | | | | | 0 | | | | | | | | | | |
| T37 Quercus agrifolia Coast live oak 2 4 3 0 0 0 0 0 0 0 0 0 | 735 Q | Quercus agrifolia | Coast live oak | 2 | 7 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 20 | Poor | Fair | | Yes | Direct | |
| T38 Quercus agrifolia Coast live oak 2 12 9 0 0 0 0 0 0 0 0 35 25 Fair Fair Native Yes Direct | | | | | | | - | | | | | - | | | | | | | | |
| T39 Quercus agrifolia Cast live oak 1 8 0 0 0 0 0 0 0 0 0 | | | | | _ | | | | | | | | | | | | | | | |
| TAI Quercus agrifolia California scrub oak 4 6 6 6 6 3 0 0 0 0 20 20 Fair Fair Native Yes Direct TAI Quercus agrifolia Coast live oak 2 7 7 0 0 0 0 0 0 0 25 16 Fair Fair Native Yes Direct TAI Quercus agrifolia Coast live oak 2 7 7 0 0 0 0 0 0 0 0 | | | | | | | | _ | | | | _ | | | | 1011 | | | | |
| Table | | | | | | | | | | | | | | | | | | | | |
| A 22 Quercus agrifolia Coast live oak 2 7 7 0 0 0 0 0 0 0 25 16 Fair Fair Native Yes Direct | | | | | | | | | | | | | | | | | | | | |
| 743 Quercus agrifolia Coast live oak 1 7 0 0 0 0 0 0 0 15 15 Fair Native Yes Direct 744 Quercus agrifolia Coast live oak 4 10 7 5 3 0 0 0 0 25 20 Fair Fair Native Yes Direct 745 Quercus agrifolia Coast live oak 1 6 0 0 0 0 0 0 0 0 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| 744 Quercus agrifolia Coast live oak 4 10 7 5 3 0 0 0 25 20 Fair Fair Native Yes Direct 745 Quercus agrifolia Coast live oak 1 6 0 0 0 0 0 0 1 5 20 Fair Poor Native Yes Encroachmer 746 Quercus agrifolia Coast live oak 1 6 0 0 0 0 0 30 15 Fair Pair Native Yes Encroachmer 747 Quercus agrifolia Coast live oak 2 7 7 0 0 0 0 10 1 7air Native Yes Encroachmer 748 Sambucus mexicana Blue elderberry 1 7 0 0 0 0 0 10 10 Fair Fair Native Yes Indirect 750 <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td></td> | | | | | | 0 | | | | | | | | | | | | | | |
| 746 Quercus agrifolia Coast live oak 1 6 0 0 0 0 0 0 0 0 0 | | | Coast live oak | 4 | 10 | 7 | 5 | | 0 | 0 | 0 | 0 | | | | Fair | | Yes | Direct | |
| 747 Quercus agrifolia Coast live oak 2 7 7 0 0 0 0 0 30 15 Fair Fair Native Yes Encroachmer 748 Sambucus mexicana Blue elderberry 1 7 0 0 0 0 0 10 10 Fair Poor Undersized Yes Indirect 749 Quercus agrifolia Coast live oak 1 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 745 Q | Quercus engelmannii | Engelmann oak | 2 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 20 | Fair | Poor | Native | Yes | Encroachment | |
| 748 Sambucus mexicana Blue elderberry 1 7 0 0 0 0 0 0 10 10 Fair Poor Undersized Yes Indirect 749 Quercus agrifolia Coast live oak 1 12 0 0 0 0 0 0 35 25 Fair Fair Native Yes Encroachmer 750 Quercus agrifolia Coast live oak 2 8 8 0 0 0 0 0 0 10 10 Fair Fair Native Yes Indirect 751 Quercus agrifolia Coast live oak 2 8 8 0 0 0 0 30 20 Fair Fair Native Yes Indirect 752 Quercus agrifolia Coast live oak 1 6 0 0 0 0 25 15 Fair Fair Native Yes Indirect | | Quercus agrifolia | | | | | | | | | | | | | | | | | Encroachment | |
| 749 Quercus agrifolia Coast live oak 1 12 0 0 0 0 0 0 35 25 Fair Fair Native Yes Encroachmer 750 Quercus agrifolia Coast live oak 1 6 0 0 0 0 0 15 10 Fair Fair Native Yes Indirect 751 Quercus agrifolia Coast live oak 2 8 8 0 0 0 0 0 20 Fair Fair Native Yes Indirect 752 Quercus agrifolia Coast live oak 1 6 0 0 0 0 0 25 15 Fair Fair Native Yes Indirect 753 Quercus agrifolia Coast live oak 2 9 8 0 0 0 0 30 25 Fair Fair Native Yes Direct 755 Quercus | | | | 2 | | | - | | | | | | | | | | | | Encroachment | |
| TSD Quercus agrifolia Coast live oak 1 6 0 0 0 0 0 0 0 0 0 | | | | 1 | | - | - | - | | _ | _ | - | | | | | | | | |
| 751 Quercus agrifolia Coast live oak 2 8 8 0 0 0 0 0 30 20 Fair Fair Native Yes Indirect 752 Quercus agrifolia Coast live oak 1 6 0 0 0 0 0 25 15 Fair Fair Native Yes Indirect 753 Quercus agrifolia Coast live oak 2 9 8 0 0 0 0 0 30 25 Fair Fair Native Yes Direct 754 Heteromeles arbutifolia Toyon 4 6 4 4 4 0 0 0 20 25 Fair Fair Native Yes Direct 755 Quercus agrifolia Coast live oak 1 9 0 0 0 0 30 15 Fair Fair Native Yes Direct 756 <t< td=""><td>-</td><td></td><td></td><td></td><td></td><td></td><td>_</td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td> </td></t<> | - | | | | | | _ | _ | | | | | | | | | | | | |
| TS2 Quercus agrifolia Coast live oak 1 6 0 0 0 0 0 0 0 0 0 | | | | - | | · | ŭ | _ | | , , | | | | | | | | | | |
| 753 Quercus agrifolia Coast live oak 2 9 8 0 0 0 0 0 30 25 Fair Fair Native Yes Direct 754 Heteromeles arbutifolia Toyon 4 6 4 4 4 0 0 0 20 25 Fair Fair Native Yes Direct 755 Quercus agrifolia Coast live oak 1 9 0 0 0 0 0 30 15 Fair Fair Native Yes Direct 756 Quercus agrifolia Coast live oak 1 5 0 0 0 0 0 10 10 Fair Fair Native Yes Direct 757 Quercus agrifolia Coast live oak 2 8 4 0 0 0 0 30 20 Fair Fair Native Yes Direct 758 Sa | | | | | | | | | | | | | | | | | | | | |
| 754 Heteromeles arbutifolia Toyon 4 6 4 4 4 0 0 0 20 25 Fair Fair Native Yes Direct 755 Quercus agrifolia Coast live oak 1 9 0 0 0 0 0 0 30 15 Fair Fair Native Yes Direct 756 Quercus agrifolia Coast live oak 1 5 0 0 0 0 0 15 10 Fair Fair Undersized Yes Direct 757 Quercus agrifolia Coast live oak 2 8 4 0 0 0 0 30 20 Fair Fair Undersized Yes Direct 758 Sambucus mexicana Blue elderberry 1 8 0 0 0 0 0 15 15 Poor Poor Native Yes Indirect 777 | | | | | | | | | | | | | | | | | | | | |
| 755 Quercus agrifolia Coast live oak 1 9 0 0 0 0 0 0 0 30 15 Fair Fair Native Yes Direct 756 Quercus agrifolia Coast live oak 1 5 0 0 0 0 0 15 10 Fair Fair Indirect Yes Direct 757 Quercus agrifolia Coast live oak 2 8 4 0 0 0 0 0 0 70 70 Fair Fair Native Yes Direct 758 Sambucus mexicana Blue elderberry 1 8 0 0 0 0 0 15 15 Poor Poor Native Yes Indirect 759 Quercus agrifolia Coast live oak 1 36 0 0 0 0 0 50 Fair Fair Pair Native Yes Indirect | | | | | _ | | | | | | | | | | | | | | | |
| 757 Quercus agrifolia Coast live oak 2 8 4 0 0 0 0 0 30 20 Fair Fair Native Yes Direct 758 Sambucus mexicana Blue elderberry 1 8 0 0 0 0 0 15 15 Poor Poor Native Yes Indirect 759 Quercus agrifolia Coast live oak 1 36 0 0 0 0 0 60 50 Fair Fair Native Yes Indirect 777 Platanus racemosa California sycamore 1 20 0 0 0 0 0 70 50 Poor Poor Native Yes Indirect 778 Platanus racemosa California sycamore 1 20 0 0 0 0 0 70 50 Poor Poor Native Yes Indirect | | | Coast live oak | 1 | | 0 | 0 | 0 | | 0 | 0 | | | | | | | | Direct | |
| 758 Sambucus mexicana Blue elderberry 1 8 0 0 0 0 0 0 0 15 15 Poor Poor Native Yes Indirect 759 Quercus agrifolia Coast live oak 1 36 0 0 0 0 0 60 50 Fair Fair Native Yes Indirect 777 Platanus racemosa California sycamore 1 20 0 0 0 0 0 70 50 Poor Poor Native Yes Indirect 778 Platanus racemosa California sycamore 1 20 0 0 0 0 70 50 Poor Poor Native Yes Indirect | | | | | | | | | | 0 | | | | | | | | | | |
| 759 Quercus agrifolia Coast live oak 1 36 0 0 0 0 0 0 60 50 Fair Fair Native Yes Indirect 777 Platanus racemosa California sycamore 1 20 0 0 0 0 0 70 50 Poor Poor Native Yes Indirect 778 Platanus racemosa California sycamore 1 20 0 0 0 0 70 50 Poor Poor Native Yes Indirect | | | | | _ | | _ | - | | _ | _ | - | | | | | | | | |
| 777 Platanus racemosa California sycamore 1 20 0 0 0 0 0 70 50 Poor Poor Native Yes Indirect 778 Platanus racemosa California sycamore 1 20 0 0 0 0 0 70 50 Poor Poor Native Yes Indirect | | | | | | | | _ | | | | | | | | | | | | |
| 778 Platanus racemosa California sycamore 1 20 0 0 0 0 0 0 0 70 50 Poor Poor Native Yes Indirect | | | | | | | | | | | | | | | | | | | | Dripline on edge |
| | | | | | | | | | | | | | | | | | | | | |
| | | Platanus racemosa Platanus racemosa | California sycamore California sycamore | 7 | 20 14 | 14 | 10 | 10 | 8 | 8 | 8 | 0 | 40 | 50 | Poor | Poor | Native Native | Yes | Indirect Encroachment | |
| 779 Findulus stuteriosu California sycaniore 7 14 14 10 10 6 6 6 0 0 40 30 F001 F001 Native Tes Encludational 780 Sambucus mexicana Blue elderbery 1 7 7 0 0 0 0 0 0 1 14 15 Poor Poor Undersized Yes Indirect | | | | | | | | | | | | _ | | | | | | | | |
| | | | , , , , , , , , , , , , , , , , , , , , | | | | | _ | | | | | | | | | | | Encroachment | |
| 782 Quercus agrifolia Coast live oak 2 9 4 0 0 0 0 0 0 20 20 Fair Fair Native Yes Direct | | | | | | | | | | | | | | | | | | | | |
| 791 Platanus racemosa California sycamore 1 16 0 0 0 0 0 0 0 40 40 Fair Fair Native Yes Indirect | | | California sycamore | 1 | 16 | 0 | 0 | | 0 | 0 | 0 | 0 | | 40 | | Fair | | | | |
| 792 Sambucus mexicana Blue elderberry 1 9 0 0 0 0 0 0 0 10 15 Fair Fair Undersized Yes Indirect | | ambucus mexicana | Blue elderberry | 1 | | | | | 0 | | | | | | | | | | | |
| 800 Platanus racemosa California sycamore 1 18 0 0 0 0 0 0 0 65 35 Poor Poor Native Yes Indirect | | | | | | | | | | | | | | | | | | | | |
| 805 Platanus racemosa California sycamore 1 12 0 0 0 0 0 0 0 35 25 Poor Poor Native Yes Indirect | 805 P | Platanus racemosa | California sycamore | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 25 | Poor | Poor | Native | Yes | Indirect | |

| Material Material | | • | | | | | | | | ix B - Chadv | vick Ranch - | Tree Inven | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------|----------------------|--------------------|-----------|----|----|---|---|--------------|--------------|------------|-----------------|-----------------|--------|-----------|------------|--------|-------------------|-----------------|
| A | Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | S3 | | | S6 | S7 | S8 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| Mathematics | 806 | Quercus agrifolia | Coast live oak | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 40 | Fair | Fair | Native | Yes | Indirect | |
| Color | | | | | | | | | | | | | | | | | | | | |
| Bar Control Agent Contro | | | | | | | | | | | | | | | | | | | | |
| Control Cont | | , , | | - | | | - | | | _ | | | | | | | | | | |
| 133 Secure performance Process Secure Process Sec | | | | | | | | | | | | | | | | | | | | |
| Section of the content of the section of the content of the cont | | | | | | | | | | | | | | | | | | | | |
| Control organization Control organization | | | Blue elderberry | 1 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | Indirect | |
| Application of American Configuration (Configuration Configuration Con | | | | 1 | 22 | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | | | | |
| Martine Agriculture Martine Agriculture | | Quercus agrifolia | | | | | | | | 0 | | | | | | | | | | |
| Section of the control of the cont | | | | | | | - | | | | | - | | | | | | | | |
| Section of Control Section | | | | | - | | _ | | | | | | | | | | | | | |
| Section Agriculture Conference Agriculture | | | | | | | | | | | | | | | | 1011 | | | | |
| Section applicity Construct colds | | | | | | | | | | | | | | | | | | | | |
| Marcia Optifies Coace beroath 2 31 32 30 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| Section (| 842 | | | 2 | | | | | | 0 | 0 | 0 | | | Fair | | | | | |
| Process Proc | 856 | Sambucus mexicana | Blue elderberry | 3 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 20 | 20 | Fair | Fair | Native | Yes | Indirect | |
| Application Control profiles Control profiles | | | | | | | | | | | | | | | | | | | | |
| Section of provided Control for the cash 2 | | | | | - | - | - | _ | - | _ | | - | | | | | | | | |
| March Common person Common Comm | | | | | _ | _ | - | | - | | | | | | | | | | | |
| ABS | | | | | | | - | | - | _ | | - | | | | | | | | |
| Age Age | | | | | | | _ | | | | | | | | | | | | | |
| ABST Converse applyfile Coase the coak | | | | | | | - | | - | | | | | | | | | | | |
| ABST General perspicials Coast the cask 7 9 6 0 7 4 4 4 0 25 20 Propr Propr Native Yes Preserve in Price | 885 | | | 1 | | 0 | 0 | | | | 0 | | | | | Fair | | | | |
| ABS Querra population Coast Nee ask 1 7 0 0 0 0 0 0 0 0 0 | 886 | Quercus agrifolia | Coast live oak | 2 | | 4 | 0 | | 0 | 0 | | 0 | 20 | 15 | Fair | Fair | Native | Yes | Preserve in Place | |
| Age Age | | | | | | | | | | | | | | | | | | | | |
| Big Diverse perfetter Diverse perfette | | | | | | | | | | | | | | | | | | | | |
| Description Conference of the electric control of the section Conference of the electric control of the | | | | 1 | | | | | | | | | | | | | | | | |
| Samples of message Direct Direct | | | | 1 | | | | | | | | | | | | | | | | |
| 1912 Observate bethererigipilis California scrub coak 3 5 4 4 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| 915 Gureris peteralfylio Cultifornis scrub oak 3 | | | | 3 | | 4 | 4 | | 0 | | | 0 | | | | | | | | |
| 955 Ourerus berberrificion Culfornia scrub cask 3 4 2 3 0 0 0 0 0 0 10 5 Fair Fair Undersized Ves Direct | 913 | Quercus berberidifolia | California scrub oak | 2 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Native | Yes | Direct | |
| 935 Ouercus berberridiplia California scrub cols 1 | | | | | | | _ | | | | | - | | | | | | | | |
| 919 Outcross betweerfolder California scrub ook 1 | 0.0 | | | | - | | | | | | | | | | | | 0 | | | |
| 918 | | | | | | | | | | | | | | | | 1011 | | | | |
| 919 | | | | | | | | | | | | | | | | | | | | |
| 2920 Quercus berberidifilia California scrub oak 4 8 8 10 7 0 0 0 0 0 5 25 Poor Poor Native Ves Indirect | | | | | | | | | | | | | | | | | | | | |
| 2922 Quercus berteridifipila California scrub oak 2 4 3 0 0 0 0 0 0 0 0 5 5 | | | | | | | 10 | | | | | | | | | | | | | |
| 923 Quercus bereherido California scrub oak 3 6 6 5 5 0 0 0 0 0 0 10 1 | 921 | Quercus berberidifolia | California scrub oak | 3 | 7 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 20 | 20 | Fair | Fair | Native | Yes | Indirect | |
| | | | | | | | | | | | | | | | | | | | | |
| 925 Querus berberidifolia California scrub oak 3 5 5 4 0 0 0 0 0 0 0 10 20 Fair Fair Undersized Yes Indirect | | | | | _ | - | | _ | - | _ | | - | | | | | | | | |
| Quercus berberidifolia California scrub oak 6 6 5 5 4 4 4 4 0 0 0 0 10 20 Fair Fair Undersized Yes Direct | | | | | | | | | | | | | | | | | | | | |
| 927 Quercus berberdiffolia California scrub oak 6 6 5 5 5 4 5 0 0 0 0 15 15 Fair Fair Native Yes Direct | | | | | _ | 5 | | _ | | | | | | | | | | | | |
| 928 Quercus berberidifolia California scrub oak 4 6 5 5 5 3 0 0 0 0 0 15 15 Poor Poor | | ~ | | | _ | 5 | | | | _ | | - | | | | | | | | |
| 930 | | | California scrub oak | 4 | 6 | 5 | , | , | | 0 | Ü | 0 | 15 | 15 | | Poor | | | Direct | |
| 931 Quercus berberidifolia California scrub oak 6 6 4 4 4 3 3 3 0 0 0 15 15 Fair Fair Native Yes Direct 932 Quercus berberidifolia California scrub oak 6 5 4 4 4 2 2 2 2 0 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 934 Quercus berberidifolia California scrub oak 5 4 4 2 2 2 2 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 935 Quercus berberidifolia California scrub oak 5 4 4 2 2 2 2 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 936 Quercus berberidifolia California scrub oak 5 4 4 2 2 2 2 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 937 Quercus berberidifolia California scrub oak 5 4 4 2 2 2 2 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 938 Quercus berberidifolia California scrub oak 5 4 4 2 2 2 2 2 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 939 Quercus berberidifolia California scrub oak 5 4 4 2 2 2 2 2 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 937 Quercus berberidifolia California scrub oak 5 4 4 4 2 2 2 2 2 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 938 Quercus berberidifolia California scrub oak 5 4 4 4 2 2 2 2 2 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 939 Quercus berberidifolia California scrub oak 5 4 3 3 2 2 2 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 940 Quercus berberidifolia California scrub oak 5 5 5 5 5 4 4 4 4 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 941 Quercus berberidifolia California scrub oak 5 5 5 5 5 4 4 4 4 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 942 Quercus berberidifolia California scrub oak 5 5 5 5 5 4 4 4 4 0 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 943 Quercus berberidifolia California scrub oak 5 4 4 4 4 4 0 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 944 Quercus berberidifolia California scrub oak 5 4 4 4 4 4 0 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 945 Quercus berberidifolia California scrub oak 5 4 4 4 4 4 0 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 946 Quercus berberidifolia California scrub oak 5 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 | | | | | | _ | _ | | | | | | | | | | | | | |
| 932 Quercus berberidifolia California scrub oak 6 5 4 4 3 3 0 0 0 10 15 Fair Fair Undersized Yes Direct 933 Quercus berberidifolia California scrub oak 5 4 4 2 2 2 0 0 0 15 Fair Undersized Yes Direct 935 Quercus berberidifolia California scrub oak 5 4 4 3 2 2 0 0 0 10 15 Fair Undersized Yes Direct 935 Quercus berberidifolia California scrub oak 6 4 3 2 2 0 0 0 15 Fair Undersized Yes Direct 937 Quercus berberidifolia California scrub oak 5 4 4 2 2 2 0 0 10 10 Fair Fair Undersized Y | | | | | | | - | | | | | | | | | | | | | DBH 6in,6in,6in |
| 933 Quercus berberidifolia California scrub oak 5 4 4 2 2 2 2 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 935 Quercus berberidifolia California scrub oak 5 4 4 3 3 2 0 0 0 10 15 Fair Fair Undersized Yes Direct 936 Quercus berberidifolia California scrub oak 6 4 3 3 3 3 2 0 0 0 10 15 Fair Fair Undersized Yes Direct 937 Quercus berberidifolia California scrub oak 5 4 4 2 2 2 2 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 937 Quercus berberidifolia California scrub oak 5 4 4 2 2 2 2 2 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 938 Quercus berberidifolia California scrub oak 5 4 4 2 2 2 2 2 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 938 Quercus berberidifolia California scrub oak 5 4 4 4 2 2 2 2 2 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 938 Quercus berberidifolia California scrub oak 5 4 4 4 0 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 939 Quercus berberidifolia California scrub oak 5 6 5 4 4 4 4 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 940 Quercus berberidifolia California scrub oak 5 5 5 5 4 4 4 4 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 941 Quercus berberidifolia California scrub oak 5 5 5 5 4 4 4 4 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 942 Quercus berberidifolia California scrub oak 5 5 5 5 4 4 4 4 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 942 Quercus berberidifolia California scrub oak 5 5 5 5 4 4 4 4 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 943 Quercus berberidifolia California scrub oak 5 4 4 4 4 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 944 Quercus berberidifolia California scrub oak 5 4 4 4 4 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 944 Quercus berberidifolia California scrub oak 5 4 4 4 4 4 0 0 0 0 15 Fair Fair Undersized Yes Direct 945 Quercus berberidifolia California scrub oak 5 4 4 4 4 4 0 0 0 0 15 Fair Fair Undersized Yes Direct 945 Quercus berberidifolia California scrub oak 5 4 4 4 4 4 0 0 0 0 15 Fair Fair Undersized Yes Direct 945 Quercus berberidifolia California scrub oak 5 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | | | | | | | | _ | | | | | | | | | | | |
| 934 Quercus berberidifolia California scrub oak 5 4 4 3 2 2 2 0 0 0 10 10 15 Fair Fair Undersized Yes Direct 935 Quercus berberidifolia California scrub oak 5 4 4 3 3 2 2 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 936 Quercus berberidifolia California scrub oak 5 4 4 2 2 2 2 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 937 Quercus berberidifolia California scrub oak 5 4 4 2 2 2 2 2 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 938 Quercus berberidifolia California scrub oak 5 4 3 2 2 2 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 938 Quercus berberidifolia California scrub oak 5 4 3 2 2 2 2 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 939 Quercus berberidifolia California scrub oak 5 5 4 3 2 2 2 2 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 940 Quercus berberidifolia California scrub oak 4 4 5 5 2 2 2 0 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 941 Quercus berberidifolia California scrub oak 5 5 5 5 4 4 4 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 942 Quercus berberidifolia California scrub oak 8 5 5 4 4 4 4 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 943 Quercus berberidifolia California scrub oak 5 5 5 5 4 4 4 4 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 944 Quercus berberidifolia California scrub oak 5 6 5 5 5 5 4 4 4 4 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 945 Quercus berberidifolia California scrub oak 5 6 4 4 4 4 0 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 946 Quercus berberidifolia California scrub oak 5 6 4 4 4 4 4 0 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 947 Quercus berberidifolia California scrub oak 5 6 4 4 4 4 4 0 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 948 Quercus berberidifolia California scrub oak 5 7 4 4 3 3 3 3 0 0 0 0 0 15 15 Fair Fair Undersized Yes Direct 949 Quercus berberidifolia California scrub oak 5 7 4 4 3 3 3 3 0 0 0 0 0 15 15 Fair Fair Undersized Yes Direct 950 Quercus berberidifolia California scrub oak 7 4 4 3 3 3 3 0 0 3 0 15 15 Fair Fair Undersized Yes Direct | | | | | | | | | 3 | | | | | | | | | | | |
| 935 Quercus berberidifolia California scrub oak 5 4 4 3 3 2 2 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 936 Quercus berberidifolia California scrub oak 6 4 3 3 3 3 2 0 0 0 0 15 15 Fair Fair Undersized Yes Direct 937 Quercus berberidifolia California scrub oak 5 4 4 2 2 2 2 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 938 Quercus berberidifolia California scrub oak 5 4 3 2 2 2 2 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 939 Quercus berberidifolia California scrub oak 5 6 5 4 4 4 4 0 0 0 10 10 Fair Fair Undersized Yes Direct 940 Quercus berberidifolia California scrub oak 4 4 4 5 2 2 2 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 941 Quercus berberidifolia California scrub oak 5 5 5 5 4 4 4 4 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 942 Quercus berberidifolia California scrub oak 8 5 4 4 4 4 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 943 Quercus berberidifolia California scrub oak 8 5 4 4 4 4 0 0 0 10 10 Fair Fair Undersized Yes Direct 944 Quercus berberidifolia California scrub oak 8 5 4 4 4 4 0 0 0 10 10 Fair Fair Undersized Yes Direct 945 Quercus berberidifolia California scrub oak 5 4 4 4 4 0 0 0 10 10 15 Fair Fair Undersized Yes Direct 946 Quercus berberidifolia California scrub oak 5 4 4 4 4 0 0 0 10 10 15 Fair Fair Undersized Yes Direct 947 Quercus berberidifolia California scrub oak 5 4 4 4 4 0 0 0 10 10 15 Fair Fair Undersized Yes Direct 948 Quercus berberidifolia California scrub oak 5 4 4 4 4 4 0 0 0 10 10 15 Fair Fair Undersized Yes Direct 949 Quercus berberidifolia California scrub oak 5 5 4 4 4 4 4 0 0 0 0 15 15 Fair Fair Undersized Yes Direct 940 Quercus berberidifolia California scrub oak 5 5 4 4 4 4 4 0 0 0 0 15 15 Fair Fair Undersized Yes Direct 941 Quercus berberidifolia California scrub oak 5 5 5 5 4 4 4 4 4 0 0 0 0 15 15 Fair Fair Undersized Yes Direct 942 Quercus berberidifolia California scrub oak 5 7 4 4 4 3 3 3 3 0 0 0 15 15 Fair Fair Undersized Yes Direct | | | | | | | | | 2 | | | | | | | | | | | |
| 936 Quercus berberidifolia California scrub oak 6 4 3 3 3 3 2 0 0 0 0 15 15 Fair Fair Undersized Yes Direct 937 Quercus berberidifolia California scrub oak 5 4 4 2 2 2 2 0 0 0 10 10 Fair Fair Undersized Yes Direct 938 Quercus berberidifolia California scrub oak 5 4 3 2 2 2 2 0 0 0 10 10 10 Fair Fair Undersized Yes Direct 939 Quercus berberidifolia California scrub oak 5 6 5 4 4 4 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 940 Quercus berberidifolia California scrub oak 4 4 5 5 2 2 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 941 Quercus berberidifolia California scrub oak 5 5 5 5 4 4 4 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 942 Quercus berberidifolia California scrub oak 8 5 4 4 4 4 0 0 0 10 10 Fair Fair Undersized Yes Direct 943 Quercus berberidifolia California scrub oak 8 5 4 4 4 4 0 0 0 10 15 Fair Fair Undersized Yes Direct 944 Quercus berberidifolia California scrub oak 8 5 4 4 4 4 0 0 0 10 15 Fair Fair Undersized Yes Direct 945 Quercus berberidifolia California scrub oak 5 4 4 4 4 4 0 0 0 10 15 Fair Fair Undersized Yes Direct 946 Quercus berberidifolia California scrub oak 5 4 4 4 4 4 0 0 0 10 15 Fair Fair Undersized Yes Direct 947 Quercus berberidifolia California scrub oak 5 4 4 4 4 4 0 0 0 10 15 Fair Fair Undersized Yes Direct 948 Quercus berberidifolia California scrub oak 5 4 4 4 4 4 0 0 0 10 15 Fair Fair Undersized Yes Direct 949 Quercus berberidifolia California scrub oak 5 4 4 4 4 4 0 0 0 0 15 15 Fair Fair Undersized Yes Direct 940 Quercus berberidifolia California scrub oak 5 7 4 4 3 3 3 0 0 0 0 15 15 Fair Fair Undersized Yes Direct 950 Quercus berberidifolia California scrub oak 7 4 4 3 3 3 0 0 0 15 15 Fair Fair Undersized Yes Direct 950 Quercus berberidifolia California scrub oak 7 4 4 3 3 3 0 0 0 15 15 Fair Fair Undersized Yes Direct | | | | | | | 3 | | 2 | | | | | | | | | | | |
| 938 | | | | 6 | | 3 | 3 | | 2 | 0 | | | 15 | 15 | Fair | Fair | Undersized | | Direct | |
| 939 Quercus berberidifolia California scrub oak 5 6 5 4 4 4 4 0 0 0 10 10 15 Poor Poor Undersized Yes Direct 940 Quercus berberidifolia California scrub oak 4 4 5 2 2 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 941 Quercus berberidifolia California scrub oak 8 5 5 4 4 4 4 0 0 0 10 15 Fair Fair Undersized Yes Direct 942 Quercus berberidifolia California scrub oak 8 5 4 4 4 4 0 0 3 3 3 10 15 Fair Fair Undersized Yes Direct 943 Quercus berberidifolia California scrub oak 4 4 4 3 3 3 3 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 944 Quercus berberidifolia California scrub oak 5 4 4 4 4 0 0 0 10 15 Fair Fair Undersized Yes Direct 945 Quercus berberidifolia California scrub oak 5 4 4 4 4 0 0 0 10 15 Fair Fair Undersized Yes Direct 946 Quercus berberidifolia California scrub oak 5 4 4 4 4 4 0 0 0 10 15 Fair Fair Undersized Yes Direct 947 Quercus berberidifolia California scrub oak 5 4 4 4 4 4 0 0 0 15 Fair Fair Undersized Yes Direct 948 Quercus berberidifolia California scrub oak 5 4 4 4 3 3 3 0 0 0 0 0 15 15 Fair Fair Undersized Yes Direct 950 Quercus berberidifolia California scrub oak 7 4 4 3 3 3 0 0 3 0 15 15 Fair Fair Undersized Yes Direct 950 Quercus berberidifolia California scrub oak 7 4 4 3 3 3 0 0 3 0 15 15 Fair Fair Undersized Yes Direct | | | | | | | | | | | | | | | | | | | | |
| 940 Quercus berberidifolia California scrub oak 4 4 5 5 2 2 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 941 Quercus berberidifolia California scrub oak 5 5 5 5 4 4 4 0 0 0 10 15 Fair Fair Undersized Yes Direct 942 Quercus berberidifolia California scrub oak 8 5 4 4 4 4 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 943 Quercus berberidifolia California scrub oak 4 4 3 3 3 3 0 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 944 Quercus berberidifolia California scrub oak 5 4 4 4 4 0 0 0 10 15 Fair Fair Undersized Yes Direct 945 Quercus berberidifolia California scrub oak 5 5 4 4 4 4 4 0 0 0 10 15 Fair Fair Undersized Yes Direct 946 Quercus berberidifolia California scrub oak 5 5 4 4 4 4 4 0 0 0 0 15 15 Fair Fair Undersized Yes Direct 950 Quercus berberidifolia California scrub oak 7 4 4 3 3 3 3 0 0 3 0 15 15 Fair Fair Undersized Yes Direct 950 Quercus berberidifolia California scrub oak 7 4 4 3 3 3 3 0 3 0 15 15 Fair Fair Undersized Yes Direct | | | | | | | | | | | | | | | | | | | | |
| 941 Quercus berberidifolia California scrub oak 5 5 5 5 4 4 4 4 0 0 0 10 15 Fair Fair Undersized Yes Direct 942 Quercus berberidifolia California scrub oak 8 5 4 4 4 4 0 0 0 10 15 Fair Fair Undersized Yes Direct 943 Quercus berberidifolia California scrub oak 4 4 3 3 3 0 0 0 0 10 15 Fair Fair Undersized Yes Direct 944 Quercus berberidifolia California scrub oak 5 4 4 4 4 0 0 0 10 15 Fair Fair Undersized Yes Direct 945 Quercus berberidifolia California scrub oak 5 4 4 3 3 3 0 0 0 0 15 15 Fair Fair Undersized Yes Direct 950 Quercus berberidifolia California scrub oak 7 4 4 3 3 3 0 0 0 0 15 15 Fair Fair Undersized Yes Direct 950 Quercus berberidifolia California scrub oak 7 4 4 3 3 3 0 0 0 0 15 15 Fair Fair Undersized Yes Direct 950 Quercus berberidifolia California scrub oak 7 4 4 3 3 3 0 0 0 0 15 15 Fair Fair Undersized Yes Direct | | | | | - | | | | - | | | - | | | | | 0 | | | |
| 942 Quercus berberidifolia California scrub oak 8 5 4 4 4 4 0 3 3 10 15 Fair Fair Undersized Yes Direct 943 Quercus berberidifolia California scrub oak 4 4 3 3 3 0 0 0 0 15 Fair Fair Undersized Yes Direct 945 Quercus berberidifolia California scrub oak 5 4 4 3 3 3 0 0 0 15 15 Fair Undersized Yes Direct 945 Quercus berberidifolia California scrub oak 5 4 4 3 3 0 0 0 15 15 Fair Hondersized Yes Direct 950 Quercus berberidifolia California scrub oak 7 4 4 3 3 0 0 15 15 Fair Hondersized <t< td=""><td></td><td>Q</td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | | Q | | | - | | | | | | | | | | | | | | | |
| 943 Quercus berberidifolia California scrub oak 4 4 3 3 3 0 0 0 10 15 Fair Fair Undersized Yes Direct 944 Quercus berberidifolia California scrub oak 5 4 4 4 3 3 3 0 0 0 15 15 Fair Fair Undersized Yes Direct 945 Quercus berberidifolia California scrub oak 5 4 4 3 3 3 0 0 0 15 15 Fair Fair Undersized Yes Direct 950 Quercus berberidifolia California scrub oak 7 4 4 3 3 3 0 3 0 15 15 Fair Fair Undersized Yes Direct 960 Quercus berberidifolia California scrub oak 7 4 4 3 3 3 0 3 0 15 15 Fair Fair Undersized Yes Direct | | | | 1 | | | | | | | | | | | | | | | | |
| 944 Quercus berberidifolia California scrub oak 5 4 4 4 4 4 0 0 0 15 Fair Fair Undersized Yes Direct 945 Quercus berberidifolia California scrub oak 5 4 4 3 3 3 0 0 0 15 15 Fair Fair Undersized Yes Direct 950 Quercus berberidifolia California scrub oak 7 4 4 3 3 3 0 0 3 0 15 15 Fair Fair Undersized Yes Direct | | | | | | | | | | | | | | | | | | | | |
| 950 Quercus berberidifolia California scrub oak 7 4 4 3 3 3 0 3 0 15 15 Fair Fair Undersized Yes Direct | | Quercus berberidifolia | California scrub oak | | | | | | - | | | | 10 | 15 | | | Undersized | Yes | | |
| | | | | | | | | | | | | | | | | | | | | |
| 251 Quercus perpenanjonia Camirornia Scrudo Oak 9 6 4 4 4 0 3 3 20 20 Fair Fair Native Yes Direct DBH 3in | | | | | | | | | | | | | | | | | | | | 2011-1 |
| | 951 | Quercus perperidifolia | California scrub oak | 9 | ь | 4 | 4 | 4 | 4 | 0 | 3 | 3 | 20 | 20 | Fair | Fair | Native | Yes | Direct | DBH 3in |

| 998 Quercus berberidifolia California scrub oak 8 5 5 3 3 3 3 0 3 3 15 15 Fair Fair Undersized Yes Direct | | | | | | | | | | x B - Chadv | vick Ranch | - Tree Inven | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------|----------------------|----|----|----|----|---|---|-------------|------------|--------------|----|----|----------|-----------|------------|--------|--------------|----------------------|
| 170 Description of Confession on mark 1 | Tree No. | Botanical Name | Common Name | | S1 | S2 | 53 | | | S6 | S7 | S8 | | | Health | Structure | Protected | Native | Disposition | Notes |
| 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 10.0 | 952 | Quercus berberidifolia | California scrub oak | | | | | 3 | 0 | 0 | 0 | 0 | 15 | | Fair | Fair | Undersized | Yes | Direct | |
| Section Company of the company o | 953 | | California scrub oak | 3 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 15 | | Fair | | | | Direct | |
| Processor Proc | | Quercus berberidifolia | California scrub oak | 3 | 6 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 10 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| Section Sect | | | | | | | - | | - | - | _ | | | | | | | | | |
| Section Company of the Company o | | | | | | | | | | | | | | | | | | | | |
| Section Company Comp | | | | | , | | | | | | | | | | | | | | | |
| March Company March Company March Company March | | | | | | | | | _ | | | | | | | | | | | |
| Section Company Comp | | | | | | | | _ | - | | | _ | | | | | | | | |
| Section preventable Collection could not 7 3 4 0 0 8 0 8 1 1 1 1 1 1 1 1 1 | | | | | | | | | | | | | | | | | | | | |
| Page Control principal Confirma such page 2 3 4 0 0 0 0 0 0 0 15 33 33 Fer Fair Fair Understand Proposed Propo | | | | | | | | | | | | | | | | | | | | |
| | 963 | | California scrub oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | | | 5 | Fair | Fair | Undersized | | Indirect | |
| | | Quercus berberidifolia | California scrub oak | 2 | 5 | 4 | 0 | | 0 | 0 | 0 | 0 | | | | Fair | Undersized | Yes | Indirect | |
| Sept Delect extended Sept Sept Delect Sept S | | Quercus berberidifolia | California scrub oak | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Encroachment | |
| See December Service (Control of Control | | | | | | | | | | | | | | | | | | | | |
| | | | | | | _ | | | | | | | | | | | | | | |
| 2970 Colorest deterted by Colorest services Colorest Col | | | | | | 4 | | | | | | | | | | | | | | |
| Part Description school and 1 6 0 0 0 0 0 0 0 15 18 Fair Fair Marker Ves Direct | | | | | | 3 | | | | | | | | | | | | | | |
| PST Colores and periodicity Colores and both 2 6 4 9 0 0 0 0 0 0 5 18 Fall Marker Ves Devect | | | | | | | | | | | | | | | | | | | | |
| P72 | | | | | - | - | - | _ | - | - | _ | _ | | | | | | | | |
| Part Description Colfernia cerulo aid S S 4 8 8 0 0 0 0 0 0 15 15 5 Critical Critical Hazard Yes Hazard Per Forest Part | | | | | _ | | - | | - | _ | | | | | | | | | | |
| PFG Oursean potentialistics Colliforms such as 4 5 4 3 3 0 0 0 0 10 10 Fair Fair Understudent Ves Enterachment PFT Oursean potentialistics Colliforms such as 2 6 2 0 0 0 0 0 0 10 10 | | Quercus berberidifolia | | 3 | | 4 | 3 | 0 | 0 | 0 | 0 | 0 | | 15 | | | Hazard | | | |
| | 975 | Quercus berberidifolia | California scrub oak | 1 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Critical | Critical | Hazard | Yes | Hazard | |
| | | | | | - | | , | , | | ŭ | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | _ | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Section Sect | | | | | | _ | | | | | | | | | | | | | | |
| Section Sect | | | | | | 6 | | | | | | | | | | | | | | |
| PSE Decres behereripline California scrub oals 5 | | | | | | 6 | | | | | | | | | | | | | | |
| 986 Quercus berberrigifole California scrulo cols 1 | | | | 5 | 4 | 3 | | | | | | | | | | | | | | |
| 988 Quercus berberstiffolio California scrub oals 7 5 4 4 4 4 0 3 0 15 15 Fair Fair Understeed Yes Indirect | 985 | Quercus berberidifolia | California scrub oak | 5 | 6 | 4 | 4 | 5 | 4 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 988 Quercus berberieffolio California scrub pale 4 2 2 3 3 3 2 0 0 0 10 15 Fair Fair Understed Yes Indirect 990 Quercus berberieffolio California scrub pale 3 5 4 3 0 0 0 0 0 10 10 Fair Fair Understed Yes Direct 991 Quercus berberieffolio California scrub pale 3 5 4 3 0 0 0 0 0 15 15 Fair Fair Understed Yes Direct 992 Quercus berberieffolio California scrub pale 2 5 4 0 0 0 0 0 15 15 Fair Fair Understed Yes Direct 993 Quercus berberieffolio California scrub pale 2 5 4 0 0 0 0 0 0 15 15 Fair Fair Understed Yes Direct 993 Quercus berberieffolio California scrub pale 2 5 4 0 0 0 0 0 0 15 15 Fair Fair Understed Yes Direct 993 Quercus berberieffolio California scrub pale 6 6 5 5 4 4 0 0 0 0 15 15 Fair Fair Understed Yes Direct 995 Quercus berberieffolio California scrub pale 6 6 5 5 4 4 4 0 0 0 0 15 15 Fair Fair Native Yes Direct 995 Quercus berberieffolio California scrub pale 6 6 5 5 4 4 4 0 0 0 0 15 15 Fair Fair Native Yes Direct 997 Quercus berberieffolio California scrub pale 10 4 5 3 3 3 3 0 3 3 15 15 Fair Fair Native Yes Direct 998 Quercus berberieffolio California scrub pale 10 4 5 3 3 3 3 0 3 3 15 15 Fair Fair Native Yes Direct 999 Quercus berberieffolio California scrub pale 10 4 5 3 3 3 3 0 3 3 15 15 Fair Fair Native Yes Direct 999 Quercus berberieffolio California scrub pale 10 4 4 5 5 3 3 3 3 0 3 3 15 15 Fair Fair Native Yes Direct 1000 Quercus berberieffolio California scrub pale 4 4 4 5 5 3 3 3 3 0 3 3 15 15 Poor Poor Understed Yes Direct 1000 Quer | | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | Fair | Fair | | Yes | Indirect | |
| 999 Querous berterriffolio California scrub oak 3 5 4 3 0 0 0 0 0 10 10 Fair Fair Understated Ves Direct | | ~ | | | | | 4 | | | | | | | | | | | | | |
| 991 Querus berberidiplia California scrub oak 3 5 4 3 0 0 0 0 0 10 10 Fair Fair Undersized Ves Direct | | | | | | | | | | | | | | | | | | | | |
| 991 Querzus berendifiplia California scrub oak 3 6 6 4 0 0 0 0 0 0 15 15 Fair Fair Native Ves Direct | | | | | | - | | | | | | _ | | _ | | | | | | |
| 993 Querus berberidifolia California scrub oak 2 5 4 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| 993 Quercus berberinfolio California scrub oak 2 6 4 0 0 0 0 0 0 15 15 Critical Hazard Yes Hazard 994 Quercus berberinfolio California scrub oak 8 6 5 5 4 4 0 0 0 15 15 Fair Fair Native Yes Direct 995 Quercus berberinfolio California scrub oak 8 6 5 5 4 4 4 0 0 4 3 15 15 Fair Fair Native Yes Direct 996 Quercus berberinfolio California scrub oak 10 4 5 3 3 3 3 0 3 2 10 15 Fair Fair Undersized Yes Direct DBH 2in, 2in 997 Quercus berberinfolio California scrub oak 10 6 5 5 3 3 3 3 0 3 3 15 15 Fair Fair Native Yes Direct DBH 3in, 3in 998 Quercus berberinfolio California scrub oak 8 5 5 5 3 3 3 3 0 3 3 15 15 Fair Fair Undersized Yes Direct DBH 3in, 3in 900 Quercus berberinfolio California scrub oak 2 4 4 0 0 0 0 0 0 0 15 15 | | | | | | | | | | | | | | | | | | | | |
| 995 Quercus berbridfolia California scrub oals 6 6 5 5 4 4 4 0 0 0 15 15 5 Fair Fair Native Yes Direct | | | | | | | | | | | | | | | | | | | | |
| 995 Quercus berberidifolio California scrub oak 8 6 5 4 4 4 0 4 3 15 15 Fair Fair Native Ves Direct DBH Dip. 2 | | | | | | | | | | | | | | | | | | | | |
| P97 Quercus berberidfolia California scrub oak 10 6 5 3 3 3 0 3 3 15 15 Fair Fair Native Ves Direct DBH 3in,3in P98 Quercus berberidfolia California scrub oak 8 5 5 3 3 3 0 3 3 3 15 15 Fair Fair Undersized Ves Direct P99 Quercus berberidfolia California scrub oak 2 4 4 0 0 0 0 0 0 0 15 15 | 995 | Quercus berberidifolia | California scrub oak | 8 | 6 | 5 | 4 | 4 | 4 | 0 | 4 | 3 | | 15 | Fair | Fair | Native | Yes | Direct | |
| 998 Quercus berberidifolia California scrub oak 8 5 5 3 3 3 3 0 0 0 0 0 0 | 996 | Quercus berberidifolia | California scrub oak | 10 | 4 | 5 | 3 | 3 | 3 | 0 | 3 | 2 | 10 | 15 | Fair | Fair | Undersized | Yes | Direct | DBH 2in,2in |
| 999 Quercus berberidifolia California scrub oak 2 | | | | | | | | | | | | | | | | | | | | DBH 3in,3in |
| 1000 Quercus berberidifolia California scrub oak 4 4 4 5 3 0 0 0 0 15 15 Poor Poor Undersized Yes Direct | | | | | | _ | | | | | | | | | | | | | | |
| 1001 Quercus berberidifolia California scrub oak 6 6 6 4 4 3 3 0 0 0 0 15 15 Poor Poor Native Yes Direct | | ~ | | | | | - | _ | - | - | - | _ | | | | | | | | |
| 1002 Quercus berberidifolia California scrub oak 3 6 4 3 0 0 0 0 0 0 15 15 Poor Poor Native Yes Direct | | | | | | | - | | _ | - | | | | | | | | | | |
| 1003 Quercus berberidifolia California scrub oak 3 4 4 4 0 0 0 0 0 0 15 15 Poor Poor Undersized Yes Direct | | | | | | | | , | J | · | | | | | | | | | | |
| 1004 Quercus berberidifolia California scrub oak 1 5 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| 1005 Quercus berberidifolia California scrub oak 3 8 7 7 0 0 0 0 0 0 20 2 | | | | | | | | | | | | | | | | | | | | |
| 1006 Quercus berberidifolia California scrub oak 4 6 7 7 6 0 0 0 0 0 25 25 Fair Fair Native Yes Direct | | | | 3 | 8 | 7 | 7 | | | 0 | | | | 20 | | | | | | |
| 1008 Quercus berberidifolia California scrub oak 1 5 0 0 0 0 0 0 0 0 0 | | | | 4 | 6 | 7 | 7 | | | 0 | 0 | | | | | | | | Direct | |
| 1009 Quercus berberidifolia California scrub oak 3 5 4 4 0 0 0 0 0 0 10 1 | | | | 8 | 5 | | | | 3 | 0 | | | | | | | | | | |
| 1010 Quercus berberidifolia California scrub oak 3 5 3 1 0 0 0 0 0 0 15 15 | | | | 1 | 5 | - | - | _ | - | - | - | _ | | | | | | | | |
| 1011 Quercus berberidifolia California scrub oak 3 6 3 2 0 0 0 0 0 15 15 Fair Fair Native Yes Encroachment | | | | | - | | | - | | | | | | | | | | | | |
| 1012 Quercus berberidifolia California scrub oak 12 5 5 4 4 4 0 0 3 3 15 15 Fair Fair Undersized Yes Direct DBH 3in, 3in, 3in 1013 Quercus berberidifolia California scrub oak 6 5 5 4 4 4 0 0 0 0 15 15 Poor Poor Undersized Yes Direct DBH 3in, 3in, 3in 1014 Quercus berberidifolia California scrub oak 1 6 0 0 0 0 0 0 0 0 15 15 | | | | | | _ | | | | | | | | | | | | | | |
| 1013 Quercus berberidifolia California scrub oak 6 5 5 4 4 4 0 0 0 0 15 15 Poor Poor Undersized Yes Direct | | · · · · · · · · · · · · · · · · · · · | | | | _ | | | | | | | | | | | | | | DBH 3in 3in 3in 3in |
| 1014 Quercus berberidifolia California scrub oak 1 6 0 0 0 0 0 0 0 0 0 | | | | | | _ | | _ | | | _ | - | | | | | | | | חוצ,חוצ,חוצ,וווכ חסט |
| 1015 Quercus berberidifolia California scrub oak 4 7 7 8 6 0 0 0 0 0 20 20 Fair Fair Native Yes Direct | | | | | | | | _ | | | | | | | | | 0 | | | |
| 1016 Quercus berberidifolia California scrub oak 4 6 5 5 4 0 0 0 0 15 15 Fair Fair Native Yes Direct | | | | | | | | | | | | | | | | | | | | |
| 1017 Quercus berberidifolia California scrub oak 1 4 0 0 0 0 0 10 10 Fair Fair Undersized Yes Direct 1018 Quercus berberidifolia California scrub oak 3 6 6 5 0 0 0 0 15 15 Fair Fair Native Yes Direct 1019 Quercus berberidifolia California scrub oak 6 6 6 5 4 4 0 0 0 15 15 Fair Fair Native Yes Direct | | | | | | | | | | | | | | | | | | | | |
| 1018 Quercus berberidifolia California scrub oak 3 6 6 5 0 0 0 0 15 15 Fair Fair Native Yes Direct 1019 Quercus berberidifolia California scrub oak 6 6 6 5 4 4 0 0 0 15 15 Fair Native Yes Direct | | | California scrub oak | | | 0 | | 0 | 0 | 0 | | 0 | | 10 | Fair | Fair | | | | |
| | | | | 3 | | | | | 0 | | | | | | | | | | | |
| 1 1000 Quarrus harharidifalia California corul-pole 6 6 6 5 4 4 0 0 145 145 Enire Mattina Mattin | | | | | | | _ | | - | | | | | | | | | | | |
| 2020 Paper consumpting Committed Com | 1020 | Quercus berberidifolia | California scrub oak | 6 | 6 | 6 | 5 | 4 | 4 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Native | Yes | Direct | |

| | | | | | | | | | ix B - Chadv | vick Ranch - | - Tree Inven | | | | | | | | |
|--------------|---------------------------------------------------|----------------------------------------------|--------------------|-----------|------------|--------|------------------|-------------------|--------------|--------------|--------------|-----------------|-----------------|--------------|--------------|---------------------------|------------|----------------------------------------|---------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | S3 | Individual S4 | Stems (in.) S5 | S6 | S7 | S8 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 1021 | Quercus berberidifolia | California scrub oak | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1022 | Quercus berberidifolia | California scrub oak | 9 | 6 | 5 | 4 | 4 | 4 | 0 | 3 | 2 | 15 | 15 | Fair | Fair | Native | Yes | Encroachment | DBH 2in |
| 1023 | Sambucus mexicana | Blue elderberry | 3 | 6 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Native | Yes | Encroachment | |
| 1024 | Quercus berberidifolia | California scrub oak | 4 5 | 6 9 | 5 | 4 | 2 5 | 0 4 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Native | Yes | Encroachment | |
| 1025 1026 | Quercus agrifolia Ouercus berberidifolia | Coast live oak California scrub oak | 3 | 6 | 8 | 4 | 0 | 0 | 0 | 0 | 0 | 15 15 | 20 20 | Fair Fair | Fair Fair | Native Native | Yes Yes | Encroachment Indirect | |
| 1027 | Quercus berberidifolia | California scrub oak | 7 | 6 | 5 | 6 | 4 | 4 | 0 | 4 | 0 | 15 | 20 | Poor | Poor | Native | Yes | Indirect | |
| 1028 | Quercus berberidifolia | California scrub oak | 2 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Native | Yes | Direct | |
| 1029 | Quercus berberidifolia | California scrub oak | 2 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 1030 | Quercus berberidifolia | California scrub oak | 7 | 5 | 5 | 5 | 4 | 4 | 0 | 4 | 0 | 10 | 15 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 1031 | Quercus berberidifolia | California scrub oak | 7 | 6 | 5 | 5 | 4 | 4 | 0 | 3 | 0 | 15 | 15 | Fair | Fair | Native | Yes | Preserve in Place | |
| 1032 | Quercus berberidifolia | California scrub oak | 10 | 6 | 5 | 5 | 4 | 4 | 0 | 4 | 3 | 15 | 20 | Fair | Fair | Native | Yes | Preserve in Place | DBH 3in,3in |
| 1033 | Sambucus mexicana | Blue elderberry | 3 | 13 | 6 | 7 | 0 | 0 | 0 | 0 | 0 | 30 | 25 | Poor | Poor | Native | Yes | Encroachment | |
| 1034 | Quercus agrifolia | Coast live oak | 3 | 16 7 | 9 | 6 | 0 | 0 | 0 | 0 | 0 | 30 | 30 | Fair | Fair | Native | Yes | Indirect | |
| 1035 | Quercus berberidifolia Quercus virginiana | California scrub oak Southern live oak | 6 | 8 | 1 | 2 | 2 | 2 | 0 | 0 | 0 | 10 15 | 15 20 | Poor Fair | Poor Fair | Undersized Significant | Yes No | Indirect Indirect | |
| 1037 | Pinus halepensis | ⊤áAleppo pine | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 20 | Fair | Fair | Significant | No | Indirect | |
| 1051 | Schinus molle | Peruvian pepper | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | No | Encroachment | |
| 1052 | Schinus molle | Peruvian pepper | 4 | 15 | 8 | 8 | 8 | 0 | 0 | 0 | 0 | 30 | 30 | Fair | Fair | Significant | No | Encroachment | |
| 1053 | Cupressus sempervirens | Italian cypress | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Dead | Dead | Hazard | No | Hazard | |
| 1054 | Cupressus sempervirens | Italian cypress | 3 | 8 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Critical | Critical | Hazard | No | Hazard | |
| 1055 | Cupressus sempervirens | Italian cypress | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Dead | Dead | Hazard | No | Hazard | |
| 1056 1057 | Schinus molle | Peruvian pepper | 1 | 6 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 15 | 15 15 | Fair Fair | Fair Fair | Significant | No | Direct | |
| 1057 | Schinus molle Quercus agrifolia | Peruvian pepper Coast live oak | 2 | 14 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 35 | Fair | Fair | Significant Native | No Yes | Direct Direct | |
| 1008 | Quercus agrifolia | Coast live oak | 2 | 9 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 20 | Poor | Poor | Native | Yes | Preserve in Place | |
| 1078 | Quercus agrifolia | Coast live oak | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 18 | Fair | Fair | Native | Yes | Preserve in Place | |
| 1079 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 12 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 1080 | Quercus berberidifolia | California scrub oak | 3 | 9 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 18 | 30 | Fair | Fair | Native | Yes | Preserve in Place | |
| 1081 | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Native | Yes | Preserve in Place | |
| 1082 | Quercus berberidifolia | California scrub oak | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 10 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 1083 | Quercus berberidifolia | California scrub oak | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 13 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 1084 | Quercus berberidifolia Heteromeles arbutifolia | California scrub oak Tovon | 5 | 6 | 4 | 5 | 3 | 2 | 0 | 0 | 0 | 16 16 | 10 17 | Fair Poor | Fair Fair | Undersized Native | Yes Yes | Preserve in Place Preserve in Place | |
| 1085 | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Fair | Native | Yes | Preserve in Place | |
| 1087 | Quercus berberidifolia | California scrub oak | 2 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 13 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 1088 | Quercus agrifolia | Coast live oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 10 | Fair | Fair | Native | Yes | Preserve in Place | |
| 1089 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 12 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 1090 | Quercus berberidifolia | California scrub oak | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 12 | 15 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 1091 | Quercus berberidifolia | California scrub oak | 4 | 3 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 1092 1093 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 5 4 | 3 | 4 | 4 5 | 2 | 3 0 | 0 | 0 | 0 | 10 12 | 15 15 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Preserve in Place Preserve in Place | |
| 1093 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 9 | Good | Fair | Undersized | Yes | Preserve in Place | |
| 1095 | Quercus berberidifolia | California scrub oak | 3 | 4 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 17 | 15 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 1096 | Quercus berberidifolia | California scrub oak | 9 | 6 | 4 | 4 | 5 | 5 | 1 | 1 | 1 | 17 | 15 | Fair | Fair | Native | Yes | Indirect | DBH 1in |
| 1097 | Quercus berberidifolia | California scrub oak | 7 | 5 | 4 | 4 | 4 | 3 | 1 | 1 | 0 | 17 | 15 | Fair | Fair | Undersized | Yes | Indirect | |
| 1098 | Quercus berberidifolia | California scrub oak | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | Fair | Fair | Undersized | Yes | Indirect | |
| 1099 | Quercus berberidifolia | California scrub oak | 11 | 3 | 4 | 3 | 6 | 5 | 1 | 1 | 1 | 27 | 13 | Fair | Fair | Native | Yes | Indirect | DBH 1in,1in,1in |
| 1100 | Quercus berberidifolia | California scrub oak | 4 4 | 3 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 10 | 13 | Fair | Fair | Undersized | Yes | Indirect | |
| 1101 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 5 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 13 | 15 15 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Indirect Indirect | |
| 1102 | Quercus berberidifolia | California scrub oak | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 15 | Fair | Fair | Undersized | Yes | Indirect | |
| 1103 | Quercus berberidifolia | California scrub oak | 3 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 10 | 12 | Fair | Fair | Undersized | Yes | Indirect | |
| 1105 | Quercus berberidifolia | California scrub oak | 4 | 3 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 10 | 12 | Fair | Fair | Undersized | Yes | Indirect | |
| 1106 | Quercus berberidifolia | California scrub oak | 12 | 4 | 4 | 4 | 3 | 4 | 1 | 1 | 1 | 18 | 15 | Poor | Fair | Undersized | Yes | Indirect | DBH 1in,1in,1in,1in |
| 1107 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 4 | 5 | 0 | 0 | 0 | 0 | 16 | 15 | Good | Fair | Undersized | Yes | Indirect | |
| 1108 | Heteromeles arbutifolia | Toyon | 5 | 5 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 15 | 12 | Good | Fair | Undersized | Yes | Indirect | |
| 1109 1110 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 3 | 3 0 | 4 | 0 | 0 | 0 | 10 13 | 16 9 | Fair | Fair Fair | Undersized Undersized | Yes | Indirect | |
| 1110 | Heteromeles arbutifolia Ouercus berberidifolia | Toyon California scrub oak | 3 | 8 | - 3 - 6 | 5 | 0 | 0 | 0 | 0 | 0 | 13 20 | 9 15 | Good Fair | Fair Fair | Undersized Native | Yes Yes | Indirect Indirect | |
| 1112 | Quercus berberidifolia | California scrub oak | 2 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 17 | Fair | Fair | Undersized | Yes | Indirect | |
| 1113 | Quercus berberidifolia | California scrub oak | 5 | 3 | 5 | 2 | 3 | 3 | 0 | 0 | 0 | 16 | 18 | Fair | Fair | Undersized | Yes | Indirect | |
| 1114 | Quercus berberidifolia | California scrub oak | 5 | 4 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 17 | 13 | Fair | Fair | Undersized | Yes | Indirect | |
| 1115 | Quercus berberidifolia | California scrub oak | 12 | 3 | 3 | 4 | 4 | 3 | 1 | 1 | 1 | 17 | 18 | Fair | Fair | Undersized | Yes | Indirect | DBH 1in,1in,1in,1in |
| 1116 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 4 | 4 | 3 | 0 | 0 | 0 | 10 | 16 | Fair | Fair | Undersized | Yes | Encroachment | |
| 1117 | Quercus berberidifolia | California scrub oak | 8 | 3 | 2 | 4 | 2 | 2 | 1 | 1 | 1 | 12 | 18 | Fair | Fair | Undersized | Yes | Encroachment | |
| 1118 | Quercus berberidifolia | California scrub oak | 3 | 3 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 10 | 15 | Poor | Fair | Undersized | Yes | Encroachment | |
| 1119 1120 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 2 | 4 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 10 10 | 15 8 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1120 | Quereus berberiuijonu | camorrila scrab oak | | 7 | - | | | | | | | 10 | | I dii | Tun | SHUCTSIZEU | 103 | Direct | |

| | | | | | | | | | | vick Ranch - | Tree Inven | | | | | | | | |
|--------------|------------------------------------------------|----------------------------------------------|--------------------|---------|--------|--------|------------------|-------------------|----|--------------|------------|-----------------|-----------------|--------------|--------------|--------------------------|------------|----------------------|-------------------------------------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | S3 | Individual S4 | Stems (in.) S5 | S6 | S7 | S8 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 1121 | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 15 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1122 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 13 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 1123 | Quercus berberidifolia | California scrub oak | 7 | 3 | 4 | 4 | 3 | 3 | 1 | 1 | 0 | 16 | 17 | Fair | Fair | Undersized | Yes | Direct | |
| 1124 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1125 | Sambucus mexicana | Blue elderberry | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 14 | Poor | Poor | Undersized | Yes | Direct | |
| 1126 | Quercus berberidifolia | California scrub oak | 9 | 3 | 4 | 4 | 4 | 3 | 1 | 1 | 1 | 23 | 16 | Fair | Fair | Undersized | Yes | Encroachment | DBH 1in |
| 1127 | Quercus berberidifolia | California scrub oak | 10 5 | 3 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 12 12 | 13 15 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Indirect | DBH 1in,1in |
| 1128 | Quercus berberidifolia Ouercus berberidifolia | California scrub oak California scrub oak | 5 | 5 | 3 | 3 | 3 | 4 | 0 | 0 | 0 | 16 | 15 | Fair | Fair | Undersized | Yes | Indirect Indirect | |
| 1130 | Quercus berberidifolia | California scrub oak | 3 | 10 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 1131 | Quercus berberidifolia | California scrub oak | 8 | 4 | 4 | 4 | 3 | 2 | 1 | 1 | 1 | 15 | 14 | Fair | Fair | Undersized | Yes | Indirect | |
| 1132 | Sambucus mexicana | Blue elderberry | 4 | 8 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 15 | 11 | Poor | Poor | Native | Yes | Indirect | |
| 1133 | Sambucus mexicana | Blue elderberry | 3 | 10 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 18 | 15 | Fair | Poor | Native | Yes | Indirect | |
| 1134 | Quercus berberidifolia | California scrub oak | 3 | 10 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 26 | 28 | Fair | Poor | Undersized | Yes | Indirect | |
| 1135 | Quercus berberidifolia | California scrub oak | 5 | 4 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 11 | 13 | Fair | Fair | Undersized | Yes | Indirect | |
| 1136 | Quercus berberidifolia | California scrub oak | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 10 | Fair | Fair | Native | Yes | Indirect | |
| 1137 | Quercus berberidifolia | California scrub oak | 5 | 8 | 7 | 6 | 4 | 3 | 0 | 0 | 0 | 18 | 13 | Fair | Fair | Native | Yes | Indirect | |
| 1138 | Heteromeles arbutifolia | Toyon | 20 | 9 | 5 | 4 | 4 | 4 | 1 | 1 | 1 | 19 | 20 | Good | Poor | Native | Yes | Indirect | DBH 1in,1in,1in,1in,1in,1in,1in,1in,1in,1in, |
| 1139 | Heteromeles arbutifolia | Toyon | 12 | 4 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 14 | 17 | Good | Poor | Undersized | Yes | Indirect | DBH 1in,1in,1in,1in |
| 1140 | Quercus berberidifolia | California scrub oak | 5 | 4 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 10 | 17 | Fair | Fair | Undersized | Yes | Indirect | |
| 1141 | Heteromeles arbutifolia | Toyon | 15 | 4 | 6 | 3 | 4 | 4 | 1 | 1 | 1 | 17 | 15 | Good | Fair | Native | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in |
| 1142 | Quercus agrifolia | Coast live oak | 3 | 4 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 18 | 13 | Fair | Fair | Native | Yes | Direct | |
| 1143 | Quercus berberidifolia | California scrub oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1144 | Quercus berberidifolia | California scrub oak | 3 | 3 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 17 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1145 1146 | Quercus berberidifolia Ouercus berberidifolia | California scrub oak California scrub oak | 5 | 3 | 4 | 4 0 | 3 | 0 | 0 | 0 | 0 | 15 | 16 9 | Fair Fair | Fair Fair | Undersized | Yes | Direct Direct | |
| 1146 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 15 | 9 | Fair | Fair | Undersized Undersized | Yes Yes | Direct | |
| 1147 | Quercus berberidifolia | California scrub oak | 2 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1149 | Quercus berberidifolia | California scrub oak | 5 | 4 | 5 | 3 | 2 | 2 | 0 | 0 | 0 | 17 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1150 | Quercus berberidifolia | California scrub oak | 5 | 4 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 11 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1151 | Quercus berberidifolia | California scrub oak | 5 | 4 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 13 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1152 | Quercus berberidifolia | California scrub oak | 10 | 4 | 3 | 3 | 4 | 4 | 1 | 1 | 1 | 13 | 17 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in |
| 1153 | Quercus berberidifolia | California scrub oak | 4 | 2 | 3 | 4 | 4 | 0 | 0 | 0 | 0 | 16 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1154 | Quercus agrifolia | Coast live oak | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 10 | Dead | Dead | Hazard | Yes | Hazard | |
| 1155 | Quercus berberidifolia | California scrub oak | 2 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1156 | Quercus berberidifolia | California scrub oak | 2 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1157 | Quercus berberidifolia | California scrub oak | 4 | 4 | 4 | 4 | 3 | 0 | 0 | 0 | 0 | 9 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1158 | Quercus berberidifolia | California scrub oak | 5 | 4 | 4 | 4 | 3 | 3 | 0 | 0 | 0 | 9 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1159 | Quercus berberidifolia | California scrub oak | 5 1 | 4 | 4 0 | 4 | 2 | 0 | 0 | 0 | 0 | 12 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 1160 1161 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 5 | 4 | 2 | 0 | 0 4 | - 0 | 0 | 0 | 0 | 12 12 | 6 15 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1162 | Quercus berberidifolia | California scrub oak | 4 | 2 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 12 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1163 | Quercus berberidifolia | California scrub oak | 3 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 12 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1164 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| 1165 | Quercus berberidifolia | California scrub oak | 4 | 4 | 2 | 2 | 6 | 0 | 0 | 0 | 0 | 19 | 14 | Fair | Fair | Native | Yes | Direct | |
| 1166 | Quercus berberidifolia | California scrub oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 9 | Dead | Dead | Hazard | Yes | Hazard | |
| 1167 | Quercus berberidifolia | California scrub oak | 4 | 4 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 11 | 16 | Poor | Poor | Undersized | Yes | Direct | |
| 1168 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 9 | Poor | Fair | Undersized | Yes | Direct | |
| 1169 | Quercus berberidifolia | California scrub oak | 11 | 4 | 4 | 4 | 3 | 3 | 1 | 1 | 1 | 13 | 11 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in |
| 1170 | Quercus agrifolia | Coast live oak | 4 | 14 | 14 | 15 | 4 | 0 | 0 | 0 | 0 | 28 | 30 | Good | Fair | Native | Yes | Direct | |
| 1171 | Heteromeles arbutifolia | Toyon | 4 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 15 | 12 | Good | Fair | Undersized | Yes | Direct | |
| 1172 | Heteromeles arbutifolia | Toyon | 7 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 0 | 15 | 10 | Good | Fair | Undersized | Yes | Direct | |
| 1173 1174 | Quercus berberidifolia | California scrub oak | 2 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 15 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1174 | Quercus berberidifolia Ouercus berberidifolia | California scrub oak California scrub oak | 3 12 | 3 | 4 | 3 | 3 | 3 | 0 | 0 | 0 | 15 17 | 11 19 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | DBH 1in,1in,1in,1in |
| 1176 | Quercus berberidifolia | California scrub oak | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 6 | Fair | Fair | Undersized | Yes | Direct | DDU TIII'TIII'TIII |
| 1177 | Quercus berberidifolia | California scrub oak | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1178 | Quercus berberidifolia | California scrub oak | 3 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 11 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1179 | Quercus berberidifolia | California scrub oak | 3 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 14 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| 1180 | Quercus berberidifolia | California scrub oak | 11 | 6 | 4 | 4 | 4 | 4 | 1 | 1 | 1 | 16 | 26 | Fair | Fair | Native | Yes | Encroachment | DBH 1in,1in,1in |
| 1181 | Quercus berberidifolia | California scrub oak | 3 | 4 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 13 | 14 | Fair | Fair | Undersized | Yes | Encroachment | |
| 1182 | Quercus berberidifolia | California scrub oak | 14 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 14 | 10 | Fair | Fair | Undersized | Yes | Indirect | DBH 1in,1in,1in,1in,1in |
| 1183 | Quercus berberidifolia | California scrub oak | 14 | 9 | 9 | 7 | 7 | 6 | 1 | 1 | 1 | 25 | 16 | Fair | Fair | Native | Yes | Indirect | DBH 1in,1in,1in,1in,1in,1in |
| 1184 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 9 | Good | Fair | Undersized | Yes | Indirect | |
| 1185 | Quercus agrifolia | Coast live oak | 2 | 16 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 30 | Good | Fair | Native | Yes | Indirect | |
| 1186 | Quercus berberidifolia | California scrub oak | 3 | 3 25 | 3 | 5 0 | 0 | 0 | 0 | 0 | 0 | 13 35 | 15 40 | Fair Fair | Fair | Undersized Native | Yes | Preserve in Place | |
| 1187 | Quercus agrifolia | Coast live oak | 1 | | | | | | | 0 | | | | | Fair | | Yes | Preserve in Place | |

| Section Sect | | - | | | | | | | | x B - Chadv | vick Ranch | - Tree Inven | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------|----------------------|---|----|----|----|---|---|-------------|------------|--------------|----|----|--------|-----------|------------|--------|-------------------|-----------------------------|
| The contemplate Contemplat | Tree No. | Botanical Name | Common Name | | S1 | S2 | S3 | | | S6 | S7 | S8 | | | Health | Structure | Protected | Native | Disposition | Notes |
| Column C | 1188 | Quercus agrifolia | Coast live oak | 2 | | | | 0 | 0 | 0 | 0 | 0 | | , | Fair | Fair | Native | Yes | Preserve in Place | |
| 120 Control and March 1 17 17 18 10 18 10 18 10 18 10 18 10 18 10 18 10 18 10 18 10 18 18 | 1189 | | California scrub oak | 8 | | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 12 | | Fair | | Undersized | | Preserve in Place | |
| 1322 General complete Control for Section Control for Sec | 1190 | Quercus berberidifolia | California scrub oak | 3 | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 13 | 9 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 123 Secure development 1 10 1 1 1 2 1 1 1 2 1 1 | | | | | | | | | _ | | - | | | | | | | | | |
| 134 Out Out | | | | | | | | | | | | | | | | | | | | |
| 1975 Department Plant Deferred 1 | | | | | | | | | | | | | | - | | | | | | |
| 1329 Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section | | | | | | | | | | | | | | | | | | | | |
| 1272 Developed (Cellers excluded) 4 | | | | | - | - | | _ | _ | | | - | | | | | | | | |
| Time Control Contr | | | | | | | | | | | | | | | | | | | | |
| April Company Compan | | | | | | | | | | | | | | | | | | | | |
| Description | 1199 | | California scrub oak | 4 | 4 | 4 | | | 0 | 0 | 0 | | | 16 | Fair | Fair | Undersized | | Encroachment | |
| 1800 Common memory Blue defenders 3 | 1200 | Quercus agrifolia | Coast live oak | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 16 | Fair | Fair | Native | Yes | Direct | |
| 1,200 Demons perioretificial contribution Contribution are not as in 1 3 0 0 0 0 0 0 0 0 0 | | Quercus agrifolia | Coast live oak | 3 | 5 | 5 | 12 | 0 | 0 | 0 | 0 | 0 | 20 | 26 | Fair | Fair | Native | Yes | Direct | |
| 1200 Control excellent Control excellent | | | | | | | | | | | | | | | | | | | | |
| 1200 General extension 1 | | | | | | | | | | | | | | | | | | | | |
| 1,200 General extensions 2 2 2 2 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| 1307 General Interhending from Continues such as the state 3 | | | | | | - | | | | | | | | | | | | | | |
| 1298 Gornes performission Conference and each 1 3 0 0 0 0 0 0 12 12 12 | | | | | | 2 | | | | | | | | | | | | | | |
| Application Common protection Common pro | | | | _ | _ | 3 | | _ | _ | - | - | - | | | | | | | | |
| 1313 Governe perferent perfect California script box California script | | | | | - | | | | _ | _ | | | | | | | | | | |
| 1212 General perferrentfolio California scurul culture California scurul cultu | | Quercus berberidifolia | | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | 16 | | | | | Direct | |
| 1213 General perherresign California scruto ask 2 8 8 0 0 0 0 0 0 16 12 Fair Fair Understand Vec Devect | | Quercus agrifolia | Coast live oak | | | | | | | _ | | | | | | Fair | Native | Yes | Direct | |
| 1371 1372 1373 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 1374 | | | | | | | | | | | | | | | | | | | | |
| Description Colfornia such ask 2 3 2 0 0 0 0 0 14 11 Fair | | | | | | | | | | | | | | | | | | | | |
| 2272 Operonal perhampholigical California scrub oak 2 5 6 0 0 0 0 0 0 0 10 1 | | | | | , | , | | | | | | | | | | | | | | |
| 12121 Oureous berbers/fightal California scurb ask 4 2 5 6 0 0 0 0 0 0 0 20 12 Fair Fair Undersized Ves Direct | | | | | | | | | | | | | | | | | | | | |
| 1213 Courtous benteringfolia California scrub aak 4 3 4 3 3 0 0 0 0 17 16 Fair Fair Undersized Yes Direct | | | | | | _ | | | | | | | | | | | | | | |
| 1216 | | | | | | | | | | | | | | | | | | | | |
| 1220 | | | | | | 2 | | | | | | | | | | | | | | |
| 1222 Quercus beherinfpling California scrub calk 2 3 4 0 0 0 0 0 0 0 14 8 Fair Fair Undersized Ves Direct | | | | 5 | 4 | 6 | | | | | | | | | | | | | | |
| 1222 Ourecus berberdiplion California scrub oak 4 4 3 8 0 0 0 0 0 0 10 7 Fair Fair Native Ves Direct | 1221 | Quercus berberidifolia | California scrub oak | 3 | 4 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 18 | 13 | Fair | Fair | Native | Yes | Direct | |
| 1226 Quercus benefatiglial California scrub code 1 5 0 0 0 0 0 0 0 0 0 | | Quercus berberidifolia | California scrub oak | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1216 Dures behavisfolia Culfornia scrub oak 1 5 0 0 0 0 0 0 0 0 0 | | ~ | | 4 | | - | | | _ | | | | | | | | | | | |
| 1226 Quercus berberdiffolio California scrub oak 15 4 4 4 3 3 1 1 1 19 15 Fair Fair Undersized Ves Direct DBH 1in,1in,1in,1in,1in,1in,1in,1in,1in,1in, | | | | | | | | | _ | | | | | | | | | | | |
| 1225 Sombuscus mescinana Blue elecherry 5 2 3 3 5 3 0 0 0 9 10 Dead Dead Hazard Ves Hazard 1228 Quercus berberidifolic California scrub oak 4 5 3 3 3 0 0 0 0 14 10 Fair Fair Undersized Ves Direct 1229 Quercus berberidifolic California scrub oak 4 5 4 5 6 0 0 0 0 0 0 14 10 Fair Fair Undersized Ves Direct 1230 Quercus berberidifolic California scrub oak 4 5 4 5 6 0 0 0 0 0 0 0 0 15 Fair Fair Undersized Ves Direct 1231 Quercus ognifolic California scrub oak 2 3 2 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | _ | | | | | | | | |
| 1228 Quercus bertheridiplic California scrub oak 4 5 3 3 3 2 3 0 0 0 0 14 12 Fair Fair Undersized Yes Direct | | | | | | | | | | | | | | | | | | | | DBH 1in,1in,1in,1in,1in,1in |
| 1230 Querus berberidifola California scrub oak 4 5 3 3 3 0 0 0 0 14 10 Fair Fair Undersized Yes Direct | | | | | | | | | | | | | | | | | | | | |
| 1231 Querus perheridifolia California scrub oak 4 5 4 5 6 0 0 0 0 0 0 20 15 Fair Fair Native Yes Direct | | | | | | | | | _ | | | | | | | | | | | |
| 1231 Quercus parpfolio Coast live oak 2 3 2 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| 1233 | | | | | | 10 | 12 | 0 | 0 | 0 | 0 | 0 | | | | Fair | Native | Yes | Direct | |
| 1234 | 1232 | Quercus berberidifolia | California scrub oak | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1236 | | | | | | | | | | | | | | | | | | | | |
| 1236 Quercus partifolia California scrub oak 1 15 0 0 0 0 0 0 0 0 0 | | | | | - | | | | | _ | | | | _ | | | | | | |
| 1237 Quercus berberidifolia California scrub oak 1 4 0 0 0 0 0 0 0 0 0 | | | | _ | | | - | _ | _ | | - | - | | | | | | | | |
| 1238 Quercus berberidifolio California scrub oak 2 4 4 0 0 0 0 0 0 0 0 | | | | | | | | , | _ | - | | | | | | | | | | |
| 1239 Quercus berberidifolia California scrub oak 5 4 4 4 4 3 3 3 0 0 0 0 15 10 Fair Fair Undersized Yes Direct | | | | | | | | | | · | | | | | | | | | | |
| 1240 Quercus berberidifolia California scrub oak 1 4 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | _ | | | | | | |
| 1241 Quercus berberidifolia California scrub oak 5 3 4 4 4 4 4 0 0 0 0 17 12 Fair Fair Undersized Ves Direct | | | | | | | | _ | _ | | | | | | | | | | | |
| 1242 Quercus berberidifolia California scrub oak 3 1 3 2 0 0 0 0 0 12 6 Fair Fair Undersized Ves Direct | | | | 5 | 3 | 4 | | | | 0 | | | | 12 | | | | | | |
| 1244 Quercus berberidifolia California scrub oak 2 6 6 0 0 0 0 0 0 0 0 | | | | 3 | 1 | 3 | 2 | 0 | 0 | 0 | 0 | | | | | | | | Direct | |
| 1245 Quercus berberidifolia California scrub oak 2 3 2 0 0 0 0 0 0 0 9 7 Fair Fair Undersized Yes Direct | | | | 4 | | 2 | | | | 0 | | | | 7 | | | | | Direct | |
| 1246 Quercus berberidifolia California scrub oak 1 3 0 0 0 0 0 0 0 0 0 | | | | 2 | - | 6 | - | _ | _ | - | - | - | | | | | | | | |
| 1247 Quercus berberidifolia California scrub oak 4 3 3 3 2 0 0 0 0 11 13 Fair Fair Undersized Ves Direct | | | | _ | | | | | | | | | - | | | | | | | |
| 1248 Quercus berberidifolia California scrub oak 2 3 6 0 0 0 0 0 0 0 16 10 Fair Fair Native Yes Direct | | | | | | | | | | | | | - | _ | | | | | | |
| 1249 Quercus berberidifolia California scrub oak 3 2 2 3 0 0 0 0 0 12 10 Fair Fair Undersized Ves Direct | | | | | | | | | | | | | | | | | | | | |
| 1250 Quercus berberidifolia California scrub oak 1 3 0 0 0 0 0 0 0 0 0 | | | | | - | - | | _ | _ | | - | - | | | | | | | | |
| 1251 Quercus berberidifolia California scrub oak 1 3 0 0 0 0 0 0 0 0 0 | | | | | | | | , | _ | | | _ | | | | | | | | |
| 1252 Quercus berberidifolia California scrub oak 2 3 3 0 0 0 0 0 0 0 10 7 Fair Fair Undersized Yes Direct | | | | | | | | | | | | | | | | | | | | |
| 1253 Quercus berberidifolia California scrub oak 7 5 3 2 2 2 1 1 0 13 9 Fair Fair Undersized Yes Direct 1254 Quercus berberidifolia California scrub oak 3 3 3 3 0 0 0 0 15 11 Fair Fair Undersized Yes Direct 1255 Quercus berberidifolia California scrub oak 1 7 0 0 0 0 20 11 Fair Fair Native Yes Direct | | | | | | | | | | | | | | | | | | | | |
| 1254 Quercus berberidifolia California scrub oak 3 3 3 0 0 0 0 15 11 Fair Fair Undersized Yes Direct 1255 Quercus berberidifolia California scrub oak 1 7 0 0 0 0 0 20 11 Fair Native Yes Direct | | | California scrub oak | 7 | 5 | 3 | 2 | | 2 | 1 | | 0 | | 9 | Fair | Fair | | | | |
| | | Quercus berberidifolia | | 3 | 3 | 3 | 3 | | 0 | 0 | 0 | 0 | | | | Fair | Undersized | Yes | Direct | |
| 1256 Quercus berberidifolia California scrub oak 2 3 2 0 0 0 0 0 6 5 Fair Fair Undersized Yes Direct | | | | | | | | | | | | | | | | | | | | |
| | 1256 | Quercus berberidifolia | California scrub oak | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 5 | Fair | Fair | Undersized | Yes | Direct | |

| Teach Control Contro | | | | | | | | | | ix B - Chadv | vick Ranch | - Tree Inven | tory Matrix | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------|---------------------------------------|----|----|----|----|---|---|--------------|------------|--------------|-------------|----|--------|-----------|------------|--------|-------------|-------------------------------------|
| 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 | Tree No. | Botanical Name | Common Name | | S1 | S2 | 53 | | | S6 | S7 | S8 | | | Health | Structure | Protected | Native | Disposition | Notes |
| 130 Description Column | 1257 | Quercus berberidifolia | California scrub oak | 1 | 3 | | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 5 | Fair | Fair | Undersized | Yes | Direct | |
| 1985 Agent personal biographies Agent personal Agent Agent personal Agent perso | 1258 | | | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 6 | Fair | Fair | Undersized | | Direct | |
| 1942 Development Company Com | | | | | | | | | | | | | | - | | | | | | |
| 100 | | | | | | - | | | | | | | | | | | | | | |
| 1982 Control Section (1985) Control Sect | | | | | | 3 | 0 | | | | | | | | | | | | | |
| 1985 | | | | 1 | | 0 | 0 | | | | | | | 7 | | | | | | |
| 1885 Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Service Servic | | | | 15 | | | 5 | 5 | | 1 | 1 | 1 | | 18 | | | | | | DBH 1in.1in.1in.1in.1in.1in.1in |
| The control period print Conference with control The | | | | | 3 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | | | | | | | | , , , , , , |
| 1985 Control personal production Control personal product Control personal product Control personal p | | | | 2 | 3 | 3 | 0 | | | 0 | | | | | | | | | Direct | |
| 1909 Control performability Control control and a | | | | | | | | | | | | | | | | | 0 | | | |
| 277 General periodiciples College Control of the College | | | | | | | | | - | | | | | | | | 0 | | | |
| 1371 Control perfectiviships | | | | | | | | | | | | | | | | | | | | |
| 2772 General percentaging Centrol responsible Centrol resp | | | | | | | | | | | | | | | | | | | | |
| 1772 General selectrosistation Conference Confere | 1272 | | | 1 | 4 | 0 | | | 0 | 0 | 0 | 0 | | 6 | | | | | | |
| 1975 General applicition Count free coult 3 3 4 15 0 0 0 0 0 0 15 38 Fast Fast National Vision Count free count Count free co | 1273 | Quercus berberidifolia | California scrub oak | 5 | _ | 3 | 3 | 2 | 5 | 0 | 0 | 0 | | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 1976 Court of the real 1976 Court for real 1976 Court for real 1976 Court of the real | | | | | | | | | | | | | | | | | | | | |
| April Common American Common Co | | | | | | | | | | | | | | | | | | | | |
| 1279 Operas deriversigning California surple sold | | | | - | | | | _ | - | - | - | - | | | | | | | | |
| 1300 Deerson perfectificity Conference with a set of the content of the con | | | | | _ | | _ | _ | - | | | | | _ | | | | | | |
| Description Communication Communication | 1279 | Quercus berberidifolia | California scrub oak | 1 | | 2 | | | 0 | | | | 10 | | Fair | Fair | | | | |
| April Development Develo | | Quercus berberidifolia | California scrub oak | - | | - | | | 3 | | | | | | | | Undersized | | Direct | |
| 1283 General externalifying California survivo ask 5 3 3 4 2 4 0 0 0 12 14 Fair Fair Underwised Ves Detect 1285 General externalifying California survivo and 2 2 4 0 0 0 0 0 11 15 14 Fair Fair Underwised Ves Detect 1285 General externalifying California survivo and 2 2 4 0 0 0 0 0 14 10 Fair Fair Underwised Ves Detect 1287 General externalifying California survivo and 3 3 6 4 5 5 1 1 15 14 Fair Fair Hair Widerwised Ves Detect 1287 General externalifying California survivo and 3 3 6 4 5 5 5 1 1 15 14 Fair Fair Underwised Ves Detect 1287 General externalifying California survivo and 3 3 6 4 5 5 5 1 1 1 Fair Fair Fair Underwised Ves Detect 1287 General externalifying California survivo and 3 3 4 5 5 6 4 5 5 5 6 4 5 5 5 6 6 6 6 6 6 6 | | | | | | , | | | | ŭ | | | | , | | | | | | |
| 1986 General performission California scrip dual 2 2 3 2 2 0 0 0 0 11 15 5 Fair Fair Understool Ves Direct 1.288 General performission California scrip dual 2 2 4 0 0 0 0 0 0 0 12 13 Fair Fair Understool Ves Direct 1.288 General performission California scrip dual 2 2 4 0 0 0 0 0 0 0 15 13 18 Fair Fair Understool Ves Direct 1.288 General performission California scrip dual Cali | | | | | | _ | | _ | | | | | | | | | | | | |
| 1285 General behardefulley Colfernia such oak 8 3 6 6 7 5 7 1 1 1 1 1 1 1 1 1 | | | | | , | | - | | | | | | | | | | | | | |
| 1266 General selectroligible California scritio day 3 5 5 5 7 1 1 1 5 5 14 5 7 7 7 10 10 10 10 11 11 | | | | | | | | | | | | | | | | | | | | |
| 1288 Guerros benterlighto Calfornia scrub oak 5 4 4 3 6 4 1 1 0 17 14 Felt Fair Mathew Ves Direct | | | | 8 | 3 | 6 | | | | 1 | | | | | | | | | | |
| Description California surch eask S 4 4 3 3 3 4 0 0 0 0 12 15 Fair Fair Undersized Ves Direct | 1287 | Quercus berberidifolia | California scrub oak | 3 | 5 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 15 | 13 | Fair | Fair | Undersized | Yes | Direct | |
| Description California surch oak 3 2 3 4 0 0 0 0 0 0 12 14 Fair Fair Undersized Ves Direct | | | | | - | | - | | | 1 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 2004 Somburus mexicana Blue elderberry 3 4 3 3 0 0 0 0 0 0 13 10 Poor Poor Understand Ves Direct | | | | | | | | | | | | | | | | | | | | |
| Description California scrub poak 3 3 1 0 0 0 0 0 0 0 14 13 Fair Fair Understeed Ves Direct | 1293 | Heteromeles arbutifolia | Toyon | 16 | 8 | 5 | 6 | 4 | 5 | 1 | 1 | 1 | 20 | 18 | Good | Fair | Native | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in,1in,1in |
| | 1294 | Sambucus mexicana | Blue elderberry | 3 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 13 | 10 | Poor | Poor | Undersized | Yes | Direct | |
| 1939 Ouercus berberidfolio California scrub oak 15 3 3 3 3 3 3 3 3 3 | | | | | | | | | | | | | | | | | | | | |
| 228 Duercus berberriffolio California scrub ask 5 2 3 4 3 3 0 0 0 13 10 Fair Fair Undersized Ves Direct | | | | | _ | | | | _ | | | | | | | | | | | |
| Description California scrub oak 2 3 2 0 0 0 0 0 13 7 Fair Fair Undersized Yes Direct | | | | | | | | | _ | | | | | | | | | | | DBH 1in,1in,1in,1in,1in,1in,1in,1in |
| 1300 | | | | | | | | | J | | | | | | | | | | | |
| 1303 | | | | 5 | 3 | 2 | 3 | | 3 | 0 | 0 | 0 | | 13 | | Fair | | | | |
| 1303 Quercus berberidifolia California scrub oak 5 3 3 3 4 2 0 0 0 16 15 Fair Fair Undersized Ves Direct DBH Iin, Iin | | Quercus berberidifolia | | | | | | | | | | | | | | Fair | Undersized | Yes | Direct | |
| Quercus berberidifolia California scrub oak 10 3 3 3 4 4 1 1 1 1 18 18 Fair Fair Undersized Yes Direct DBH IIn,Iin | | | | | _ | 6 | | | | | | | | | | | | | | |
| 1305 Quercus berberidifolia California scrub oak 5 3 3 3 3 3 3 3 3 3 | | ~ | | | , | 3 | | | _ | | | | | | | | 0 | | | 2014: 4: |
| 1306 Quercus berberidifolia California scrub oak 1 3 0 0 0 0 0 0 0 0 0 | | | | | | _ | - | | | | | | | | | | | | | DBH 1IN,1IN |
| 1307 Quercus berberidifolia California scrub oak 4 2 4 4 2 0 0 0 0 15 10 Fair Fair Undersized Yes Direct | 1505 | | | | , | J | , | J | , | Ŭ | · | | | | | | | | | |
| Sambucus mexicana Blue elderberry 3 9 4 4 0 0 0 0 0 0 11 15 Poor Poor Undersized Yes Direct | | | | 4 | 2 | 4 | | | | 0 | 0 | | | 10 | | Fair | | | | |
| 1310 Quercus berberidifolia California scrub oak 2 6 5 0 0 0 0 0 0 0 0 17 13 Fair Fair Native Yes Direct | | | | | | | | | _ | | | | | | | | | | | |
| 1311 Quercus berberidifolia California scrub oak 1 5 0 0 0 0 0 0 0 0 0 | | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | | | | | | | |
| 1312 Quercus berberidifolia California scrub oak 1 6 0 0 0 0 0 0 0 0 0 | | | | 2 | | | | | | | | | | | | | | | | |
| 1313 Quercus berberidifolia California scrub oak 1 8 0 0 0 0 0 0 0 0 14 8 Fair Fair Undersized Yes Direct | | | | 1 | | | | | | | | | | | | | | | | |
| 1314 Quercus berberidifolia California scrub oak 7 3 3 3 3 3 3 3 1 1 0 14 18 Fair Fair Undersized Yes Direct | | | | 1 | _ | - | - | _ | - | - | _ | - | | - | | | | | | |
| 1316 Quercus berberidifolia California scrub oak 8 4 3 3 3 3 1 1 1 1 1 1 | | | | 7 | | | | | | | | | | 18 | | | | | | |
| 1317 Quercus berberidifolia California scrub oak 4 3 3 3 3 3 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| 1318 Quercus berberidifolia California scrub oak 7 4 4 3 3 3 1 1 0 14 18 Fair Fair Undersized Yes Direct | -0-0 | ~ | | | _ | _ | | | | | | | | | | | 0 | | | |
| 1319 Sambucus mexicana Blue elderberry 2 7 3 0 0 0 0 0 0 0 16 7 Poor Fair Native Yes Direct | | Q-0.000 00.00.00,0 | | | , | - | _ | _ | | | | | | | | | 0 | | | |
| 1320 Quercus berberidifolia California scrub oak 3 4 3 3 0 0 0 0 0 16 15 Poor Fair Undersized Yes Direct 1321 Quercus berberidifolia California scrub oak 2 4 3 0 0 0 0 0 14 10 Fair Fair Fair Undersized Yes Direct 1322 Quercus berberidifolia California scrub oak 3 3 3 3 3 0 0 0 0 13 11 Fair Fair Undersized Yes Direct 1323 Quercus berberidifolia California scrub oak 3 3 3 2 0 0 0 0 14 9 Fair Fair Undersized Yes Direct | | | | | | | | | | | | _ | | | | | | | | |
| 1321 Quercus berberidifolia California scrub oak 2 4 3 0 0 0 0 0 14 10 Fair Fair Undersized Yes Direct 1322 Quercus berberidifolia California scrub oak 3 3 3 3 0 0 0 0 13 11 Fair Fair Undersized Yes Direct 1323 Quercus berberidifolia California scrub oak 3 3 3 2 0 0 0 0 14 9 Fair Fair Undersized Yes Direct | | | | | | | | | | | | | | | | | | | | |
| 1323 Quercus berberidifolia California scrub oak 3 3 3 2 0 0 0 0 0 14 9 Fair Fair Undersized Yes Direct | | Quercus berberidifolia | California scrub oak | | _ | - | | | | | | | 14 | 10 | Fair | | Undersized | Yes | Direct | |
| | | | | | | | | | | | | | | | | | | | | |
| 1324 Quercus perpenanjona Canifornia SCRUD OAK 5 3 3 2 3 3 U U 0 12 9 Fair Fair Undersized Yes Direct | | | | | | | | | | | | | | | | | | | | |
| | 1324 | Quercus perperidifolia | California scrub oak | 5 | 3 | 3 | 2 | 3 | 3 | 0 | 0 | 0 | 12 | 9 | Fair | Fair | Undersized | Yes | Direct | 1 |

| | | | | | | | | | x B - Chadv | vick Ranch | - Tree Inven | tory Matrix | | | | | | | |
|--------------|------------------------------------------------|----------------------------------------------|--------------------|---------|---------|--------|------------------|-------------|-------------|------------|--------------|-----------------|-----------------|--------------|--------------|--------------------------|------------|----------------------------------------|---------------------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | 53 | Individual S4 | Stems (in.) | S6 | S7 | l sa | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 1325 | Quercus berberidifolia | California scrub oak | 7 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 0 | 13 | 10 | Poor | Fair | Undersized | Yes | Direct | |
| 1326 | Sambucus mexicana | Blue elderberry | 4 | 5 | 11 | 3 | 6 | 0 | 0 | 0 | 0 | 16 | 10 | Poor | Fair | Native | Yes | Direct | |
| 1327 | Quercus berberidifolia | California scrub oak | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1328 | Quercus berberidifolia | California scrub oak | 10 | 3 | 4 | 3 | 3 | 3 | 1 | 1 | 1 | 15 | 11 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in |
| 1329 | Quercus berberidifolia | California scrub oak | 5 | 3 | 4 | 3 | 2 | 2 | 0 | 0 | 0 | 12 | 14 | Fair | Fair | Undersized | Yes | Direct | |
| 1330 1331 | Quercus berberidifolia Sambucus mexicana | California scrub oak Blue elderberry | 2 | 2 10 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 10 22 | 10 | Fair | Fair Fair | Undersized Native | Yes | Direct Direct | |
| 1331 | Quercus berberidifolia | California scrub oak | 4 | 3 10 | - 4 | 3 | 3 | 0 | 0 | 0 | 0 | 17 | 11 | Poor Fair | Fair | Undersized | Yes Yes | Direct | |
| 1333 | Quercus berberidifolia | California scrub oak | 4 | 2 | 3 | 6 | 5 | 0 | 0 | 0 | 0 | 17 | 12 | Fair | Fair | Native | Yes | Direct | |
| 1334 | Quercus berberidifolia | California scrub oak | 8 | 3 | 6 | 4 | 4 | 5 | 1 | 1 | 1 | 18 | 20 | Fair | Fair | Native | Yes | Direct | |
| 1335 | Sambucus mexicana | Blue elderberry | 2 | 3 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 9 | Poor | Fair | Native | Yes | Direct | |
| 1336 | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 18 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1337 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 1338 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 7 | Good | Fair | Undersized | Yes | Direct | |
| 1339 | Quercus berberidifolia | California scrub oak | 1 5 | 3 | 0 4 | 0 4 | 3 | 3 | 0 | 0 | 0 | 10 | 7 17 | Fair | Fair Fair | Undersized | Yes | Direct | |
| 1341 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 4 | 3 | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 15 13 | 15 | Fair Fair | Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1342 | Quercus berberidifolia | California scrub oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1343 | Quercus berberidifolia | California scrub oak | 8 | 4 | 4 | 3 | 5 | 4 | 1 | 1 | 1 | 15 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1344 | Quercus berberidifolia | California scrub oak | 4 | 3 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 10 | 13 | Fair | Fair | Undersized | Yes | Direct | |
| 1345 | Sambucus mexicana | Blue elderberry | 2 | 10 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 9 | Poor | Fair | Undersized | Yes | Direct | |
| 1346 | Quercus berberidifolia | California scrub oak | 5 | 4 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 15 | 17 | Fair | Fair | Undersized | Yes | Direct | |
| 1347 | Quercus berberidifolia | California scrub oak | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1348 | Sambucus mexicana | Blue elderberry | 2 | 6 | 14 4 | 0 | 0 | 0 | 0 | 0 | 0 | 27 14 | 10 | Fair | Fair Fair | Native | Yes | Direct | |
| 1349 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 2 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 11 | Fair Fair | Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1351 | Quercus berberidifolia | California scrub oak | 4 | 2 | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 15 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1352 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| 1353 | Quercus berberidifolia | California scrub oak | 2 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1354 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1355 | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 10 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1356 | Quercus berberidifolia | California scrub oak | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1357 1358 | Quercus agrifolia | Coast live oak Coast live oak | 3 | 3 15 | 5 0 | 8 | 0 | 0 | 0 | 0 | 0 | 15 35 | 18 20 | Fair Fair | Fair Fair | Native Native | Yes Yes | Direct Direct | |
| 1358 | Quercus agrifolia Ouercus berberidifolia | California scrub oak | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1360 | Quercus berberidifolia | California scrub oak | 3 | 7 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 27 | 14 | Fair | Fair | Native | Yes | Direct | |
| 1361 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 4 | 6 | 3 | 0 | 0 | 0 | 17 | 12 | Fair | Fair | Native | Yes | Direct | |
| 1362 | Quercus berberidifolia | California scrub oak | 5 | 3 | 4 | 3 | 3 | 3 | 0 | 0 | 0 | 14 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1363 | Quercus berberidifolia | California scrub oak | 2 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 9 | Fair | Fair | Native | Yes | Direct | |
| 1364 | Quercus berberidifolia | California scrub oak | 8 | 4 | 3 | 3 | 3 | 2 | 1 | 1 | 1 | 15 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1365 1366 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 5 4 | 2 | 3 | 3 | 3 2 | 4 0 | 0 | 0 | 0 | 15 11 | 15 8 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1367 | Quercus berberidifolia | California scrub oak | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 16 | Fair | Fair | Undersized | Yes | Direct | |
| 1368 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 14 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1369 | Quercus berberidifolia | California scrub oak | 15 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in,1in |
| 1370 | Quercus berberidifolia | California scrub oak | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 1371 | Quercus berberidifolia | California scrub oak | 7 | 3 | 4 | 3 | 3 | 4 | 1 | 1 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 1372 | Quercus berberidifolia | California scrub oak | 15 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 11 | 17 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in |
| 1373 | Quercus berberidifolia | California scrub oak California scrub oak | 15 2 | 3 | 2 | 2 | 0 | 0 | 1 | 0 | 1 | 13 13 | 18 8 | Fair | Fair Fair | Undersized Undersized | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in |
| 1374 | Quercus berberidifolia Quercus berberidifolia | California scrub oak | 4 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 13 | 10 | Poor Dead | Dead | Hazard | Yes Yes | Direct Hazard | |
| 1376 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 14 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1377 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 13 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1378 | Quercus berberidifolia | California scrub oak | 13 | 5 | 4 | 4 | 3 | 3 | 1 | 1 | 1 | 14 | 20 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in,1in |
| 1379 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 17 | 20 | Fair | Fair | Undersized | Yes | Direct | |
| 1380 | Quercus berberidifolia | California scrub oak | 12 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 17 | 20 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in |
| 1381 | Quercus berberidifolia | California scrub oak | 8 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 11 | 16 | Fair | Fair | Undersized | Yes | Indirect | DDU 4 in 4 in |
| 1382 | Quercus berberidifolia Ouercus berberidifolia | California scrub oak California scrub oak | 10 7 | 4 | 3 | 4 | 4 | 4 | 1 | 1 | 0 | 16 13 | 14 14 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Indirect Indirect | DBH 1in,1in |
| 1384 | Quercus berberidifolia | California scrub oak | 7 | 4 | 3 | 4 | 4 | 4 | 1 | 1 | 0 | 15 | 13 | Fair | Fair | Undersized | Yes | Indirect | |
| 1385 | Heteromeles arbutifolia | Toyon | 10 | 4 | 3 | 4 | 4 | 4 | 1 | 1 | 1 | 12 | 17 | Fair | Fair | Undersized | Yes | Indirect | DBH 1in,1in |
| 1386 | Quercus berberidifolia | California scrub oak | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 8 | Fair | Fair | Undersized | Yes | Indirect | |
| 1387 | Heteromeles arbutifolia | Toyon | 7 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 0 | 15 | 8 | Fair | Fair | Undersized | Yes | Indirect | |
| 1388 | Quercus agrifolia | Coast live oak | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 13 | Fair | Fair | Native | Yes | Indirect | |
| 1389 | Heteromeles arbutifolia | Toyon | 13 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 10 | 18 | Fair | Fair | Undersized | Yes | Indirect | DBH 1in,1in,1in,1in |
| 1390 1391 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 4 | 4 | 0 4 | 0 4 | 0 4 | 0 | 0 | 0 | 0 | 13 16 | 12 12 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Preserve in Place Preserve in Place | |
| 1391 | Quercus perperialjolia Quercus agrifolia | Coast live oak | 2 | 16 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 20 | Fair | Fair | Native | Yes | Preserve in Place | |
| 1393 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| | • | • | | | | | | | • | | | • | • | • | | | • | | |

| | | | | | | | | | x B - Chadv | vick Ranch | - Tree Inven | | | | | | | | |
|--------------|---------------------------------------------------|----------------------------------------------|--------------------|---------|--------|----|------------------|-------------|-------------|------------|--------------|-----------------|-----------------|--------------|--------------|--------------------------|------------|------------------|----------------------------------------------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | 53 | Individual S4 | Stems (in.) | S6 | S7 | S8 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 1394 | Quercus berberidifolia | California scrub oak | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1395 | Quercus berberidifolia | California scrub oak | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 16 | Fair | Fair | Native | Yes | Direct | |
| 1396 | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| 1397 | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 11 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1398 | Quercus berberidifolia | California scrub oak | 3 | 6 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 14 | 17 | Fair | Fair | Undersized | Yes | Direct | |
| 1399 | Sambucus mexicana | Blue elderberry | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1400 1401 | Quercus berberidifolia Quercus agrifolia | California scrub oak Coast live oak | 2 | 3 | 4 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 15 | 10 6 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1401 | Quercus agrijolia Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 8 | Fair | Fair | Native | Yes | Direct | |
| 1403 | Quercus berberidifolia | California scrub oak | 3 | 6 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 15 | 12 | Fair | Fair | Native | Yes | Direct | |
| 1404 | Quercus berberidifolia | California scrub oak | 3 | 6 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 11 | 12 | Poor | Fair | Undersized | Yes | Direct | |
| 1405 | Quercus berberidifolia | California scrub oak | 7 | 6 | 4 | 3 | 5 | 3 | 1 | 1 | 0 | 11 | 14 | Fair | Fair | Undersized | Yes | Direct | |
| 1406 | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 10 | Fair | Fair | Undersized | Yes | Indirect | |
| 1407 | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1408 | Quercus berberidifolia | California scrub oak | 2 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 12 | Fair | Fair | Native | Yes | Direct | |
| 1409 | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 9 | Fair | Fair | Native | Yes | Direct | |
| 1410 1411 | Quercus berberidifolia Quercus aarifolia | California scrub oak Coast live oak | 3 | 3 17 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 18 37 | 17 30 | Fair Fair | Fair Fair | Native | Yes Yes | Direct | |
| 1411 | Quercus agrifolia | Coast live oak | 2 | 16 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 32 | Fair | Fair | Native Native | Yes | Direct Direct | |
| 1413 | Sambucus mexicana | Blue elderberry | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 10 | Dead | Dead | Hazard | Yes | Hazard | 1 |
| 1414 | Sambucus mexicana | Blue elderberry | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 10 | Dead | Dead | Hazard | Yes | Hazard | |
| 1415 | Quercus berberidifolia | California scrub oak | 5 | 3 | 2 | 3 | 4 | 4 | 0 | 0 | 0 | 13 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 1416 | Quercus berberidifolia | California scrub oak | 8 | 8 | 6 | 5 | 4 | 3 | 1 | 1 | 1 | 14 | 19 | Fair | Fair | Undersized | Yes | Direct | |
| 1417 | Quercus berberidifolia | California scrub oak | 3 | 6 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 12 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1418 | Quercus berberidifolia | California scrub oak | 7 | 3 | 3 | 4 | 4 | 3 | 1 | 1 | 0 | 14 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1419 | Sambucus mexicana | Blue elderberry | 2 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 9 | Poor | Fair | Undersized | Yes | Direct | |
| 1420 | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 12 6 | Fair | Fair | Undersized | Yes | Direct | |
| 1421 1422 | Sambucus mexicana Quercus berberidifolia | Blue elderberry California scrub oak | 4 | 9 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 11 | 6 | Dead Fair | Dead Fair | Hazard Undersized | Yes Yes | Hazard Direct | |
| 1423 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 4 | 3 | 0 | 0 | 0 | 0 | 12 | 11 | Poor | Fair | Undersized | Yes | Direct | |
| 1424 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 2 | 4 | 2 | 0 | 0 | 0 | 13 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1425 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 13 | 11 | Poor | Fair | Undersized | Yes | Direct | |
| 1426 | Quercus berberidifolia | California scrub oak | 7 | 3 | 3 | 4 | 3 | 3 | 1 | 1 | 0 | 14 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1427 | Quercus berberidifolia | California scrub oak | 2 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1428 | Quercus berberidifolia | California scrub oak | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 9 | Fair | Fair | Native | Yes | Direct | |
| 1429 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 14 | 17 | Fair | Fair | Undersized | Yes | Direct | |
| 1430 | Quercus berberidifolia | California scrub oak California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 12 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 1431 | Quercus berberidifolia | California scrub oak | 1 | - 3 | U | U | 0 | U | U | U | 0 | 12 | ь | Poor | Poor | Undersized | Yes | Direct | |
| 1432 | Heteromeles arbutifolia | Toyon | 18 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 14 | 15 | Good | Poor | Undersized | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in,1in,1in,1in |
| 1433 | Heteromeles arbutifolia | Toyon | 14 | 6 | 9 | 3 | 3 | 3 | 1 | 1 | 1 | 14 | 17 | Fair | Poor | Undersized | Yes | Direct | DBH 1in,1in,1in,1in,1in |
| 1434 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 13 | 16 | Fair | Poor | Undersized | Yes | Direct | |
| 1435 1436 | Quercus berberidifolia Ouercus berberidifolia | California scrub oak California scrub oak | 5 | 3 | 4 | 3 | 3 0 | 4 0 | 0 | 0 | 0 | 14 15 | 16 11 | Poor Poor | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1437 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1438 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 16 | 8 | Poor | Fair | Undersized | Yes | Direct | |
| 1439 | Heteromeles arbutifolia | Toyon | 12 | 6 | 6 | 4 | 4 | 5 | 1 | 1 | 1 | 14 | 18 | Poor | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in |
| 1440 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 7 | Poor | Fair | Undersized | Yes | Direct | |
| 1441 | Quercus berberidifolia | California scrub oak | 11 | 4 | 4 | 5 | 5 | 4 | 1 | 1 | 1 | 14 | 14 | Poor | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in |
| 1442 | Quercus berberidifolia | California scrub oak | 4 | 2 | 4 | 5 | 6 | 0 | 0 | 0 | 0 | 18 | 14 | Poor | Fair | Native | Yes | Direct | 1 |
| 1443 | Quercus berberidifolia | California scrub oak | 8 | 3 | 6 | 4 | 6 | 6 | 1 | 1 | 1 | 18 | 16 | Poor | Fair | Native | Yes | Direct | |
| 1444 1445 | Quercus berberidifolia | California scrub oak | 4 | 2 | 2 | 3 | 3 | 2 | 0 | 0 | 1 | 14 | 16 | Poor | Fair | Undersized | Yes | Direct | DDH tip tip tip tip tip |
| 1445 | Quercus berberidifolia Heteromeles arbutifolia | California scrub oak Toyon | 13 16 | 4 | 4 | 4 | 4 | 2 | 1 | 1 | 1 | 11 16 | 16 13 | Poor Fair | Fair Poor | Undersized Undersized | Yes Yes | Direct Direct | DBH 1in,1in,1in,1in,1in DBH 1in,1in,1in,1in,1in,1in,1in |
| 1447 | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 10 | Fair | Fair | Undersized | Yes | Direct | 2011 1111,1111,1111,1111,1111,1111,1111 |
| 1448 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 12 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| 1449 | Quercus berberidifolia | California scrub oak | 11 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 12 | 9 | Poor | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in |
| 1450 | Quercus berberidifolia | California scrub oak | 9 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 12 | 10 | Poor | Fair | Undersized | Yes | Direct | DBH 1in |
| 1451 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 11 | 9 | Poor | Fair | Undersized | Yes | Direct | |
| 1452 | Quercus berberidifolia | California scrub oak | 4 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 11 | 8 | Poor | Fair | Undersized | Yes | Direct | 1 |
| 1453 | Quercus berberidifolia | California scrub oak California scrub oak | 5 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 12 | 6 | Poor | Fair Fair | Undersized Undersized | Yes | Direct Direct | |
| 1454 1455 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 7 | 6 5 | Poor | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1455 | Quercus berberiaijolia Sambucus mexicana | Blue elderberry | 2 | 3 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 13 | Dead | Dead | Hazard | Yes | Hazard | 1 |
| 1457 | Quercus berberidifolia | California scrub oak | 3 | 8 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 17 | 13 | Fair | Fair | Native | Yes | Direct | |
| 1458 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 8 | Good | Fair | Undersized | Yes | Direct | |
| 1459 | Quercus berberidifolia | California scrub oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 9 | Good | Fair | Undersized | Yes | Direct | |
| 1460 | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1461 | Quercus berberidifolia | California scrub oak | 5 | 5 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 14 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| | | | | | | | | | | | | | | | | | | - | · |

| | | | | | | | | | x B - Chady | vick Ranch | - Tree Inven | | | | | | | | |
|--------------|---------------------------------------------------|----------------------------------------------|--------------------|--------|-----------|----|------------------|-------------|-------------|------------|--------------|-----------------|-----------------|--------------|--------------|--------------------------|------------|------------------|-------------------------------------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | S3 | Individual S4 | Stems (in.) | S6 | S7 | S8 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 1462 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 1463 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 1464 | Quercus berberidifolia | California scrub oak | 2 | 6 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 16 | Fair | Fair | Native | Yes | Direct | |
| 1465 | Quercus berberidifolia | California scrub oak | 3 | 4 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 13 | 14 | Fair | Fair | Undersized | Yes | Direct | |
| 1466 | Quercus berberidifolia | California scrub oak | 2 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| 1467 1468 | Quercus berberidifolia Ouercus berberidifolia | California scrub oak California scrub oak | 7 | 3 | 0 | 3 | 3 | 3 | 0 | 0 | 0 | 13 | 15 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1469 | Quercus berberidifolia | California scrub oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1470 | Quercus berberidifolia | California scrub oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1471 | Quercus berberidifolia | California scrub oak | 4 | 4 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 14 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1472 | Quercus berberidifolia | California scrub oak | 2 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1473 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 1474 | Quercus berberidifolia | California scrub oak | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 5 | Fair | Fair | Undersized | Yes | Direct | |
| 1475 | Quercus berberidifolia | California scrub oak | 8 | 3 | 2 | 3 | 3 | 3 | 1 | 1 | 1 | 12 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1476 1477 | Quercus berberidifolia | California scrub oak | 7 | 3 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 14 9 | 11 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1477 | Quercus berberidifolia Heteromeles arbutifolia | California scrub oak Toyon | 5 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 12 | 11 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1479 | Heteromeles arbutifolia | Toyon | 9 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 12 | 13 | Fair | Fair | Undersized | Yes | Direct | DBH 1 |
| 1480 | Quercus berberidifolia | California scrub oak | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 9 | Fair | Fair | Undersized | Yes | Direct | 55111 |
| 1481 | Quercus berberidifolia | California scrub oak | 3 | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 12 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1482 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1483 | Sambucus mexicana | Blue elderberry | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 9 | Fair | Poor | Undersized | Yes | Direct | |
| 1484 | Quercus berberidifolia | California scrub oak | 5 | 2 | 2 | 3 | 3 | 2 | 0 | 0 | 0 | 14 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1485 | Heteromeles arbutifolia | Toyon | 4 | 3 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 14 | 11 6 | Fair | Fair | Undersized | Yes | Direct | - |
| 1486 1487 | Quercus berberidifolia | California scrub oak | 4 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 14 14 | 10 | Fair Fair | Fair | Undersized | Yes | Direct | |
| 1487 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 5 | 3 | 3 | 4 | 4 | 5 | 0 | 0 | 0 | 18 | 12 | Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1489 | Heteromeles arbutifolia | Toyon | 8 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 16 | 13 | Good | Fair | Undersized | Yes | Direct | |
| 1490 | Quercus berberidifolia | California scrub oak | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 10 | Good | Fair | Undersized | Yes | Direct | |
| 1491 | Quercus berberidifolia | California scrub oak | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 9 | Good | Fair | Undersized | Yes | Direct | |
| 1492 | Heteromeles arbutifolia | Toyon | 4 | 6 | 4 | 3 | 4 | 0 | 0 | 0 | 0 | 17 | 14 | Good | Fair | Native | Yes | Direct | |
| 1493 | Heteromeles arbutifolia | Toyon | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 4 | Poor | Poor | Undersized | Yes | Direct | |
| 1494 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 12 | 10 | Poor | Poor | Undersized | Yes | Direct | |
| 1495 | Quercus berberidifolia | California scrub oak | 7 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 0 | 9 | 10 | Fair | Poor | Undersized | Yes | Direct | |
| 1496 1497 | Quercus berberidifolia Ouercus berberidifolia | California scrub oak California scrub oak | 5 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 15 10 | 14 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1497 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 10 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 1499 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 13 | 8 | Poor | Fair | Undersized | Yes | Direct | |
| 1500 | Quercus berberidifolia | California scrub oak | 3 | 3 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 11 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1501 | Quercus berberidifolia | California scrub oak | 3 | 3 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 11 | 9 | Poor | Fair | Undersized | Yes | Direct | |
| 1502 | Quercus berberidifolia | California scrub oak | 18 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 14 | 12 | Poor | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in,1in,1in,1in,1in |
| 1503 | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | Poor | Fair | Undersized | Yes | Direct | |
| 1504 | Quercus berberidifolia | California scrub oak | 7 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 0 | 10 | 15 | Poor | Fair | Undersized | Yes | Direct | |
| 1505 | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1506 | Quercus berberidifolia | California scrub oak | 22 | 3 | 2 | 2 | 3 | 2 | 1 | 1 | 1 | 14 | 14 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in,1in,1in,1in,1in, |
| 1507 | Quercus berberidifolia | California scrub oak | 9 | 3 | 2 | 2 | 3 | 2 | 1 | 1 | 1 | 15 | 9 | Fair | Fair | Undersized | Yes | Direct | 1 |
| 1508 | Quercus berberidifolia | California scrub oak | 10 | 3 | 4 | 4 | 3 | 2 | 1 | 1 | 1 | 16 | 11 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in |
| 1509 | Quercus berberidifolia | California scrub oak | 8 | 3 | 4 | 4 | 3 | 2 | 1 | 1 | 1 | 17 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1510 | Quercus berberidifolia | California scrub oak | 5 | 4 | 3 | 4 | 3 | 2 | 0 | 0 | 0 | 15 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1511 | Quercus berberidifolia | California scrub oak | 4 | 4 | 3 | 3 | 5 | 0 | 0 | 0 | 0 | 15 | 11 | Fair | Fair | Undersized | Yes | Direct | - |
| 1512 | Quercus berberidifolia | California scrub oak | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 | Poor | Fair | Undersized | Yes | Direct | - |
| 1513 1514 | Quercus berberidifolia Ouercus berberidifolia | California scrub oak California scrub oak | 5 | 3 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 14 10 | 10 15 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | + |
| 1514 | Quercus berberidifolia | California scrub oak | 2 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1516 | Quercus berberidifolia | California scrub oak | 4 | 5 | 6 | 2 | 3 | 0 | 0 | 0 | 0 | 16 | 14 | Fair | Fair | Native | Yes | Direct | |
| 1517 | Quercus berberidifolia | California scrub oak | 8 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 11 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1518 | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 7 | Poor | Fair | Native | Yes | Direct | |
| 1519 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 5 | Fair | Fair | Undersized | Yes | Direct | |
| 1520 | Quercus berberidifolia | California scrub oak | 2 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 1521 | Quercus berberidifolia | California scrub oak | 5 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 9 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1522 | Quercus berberidifolia | California scrub oak | 3 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 13 | 12 10 | Fair Fair | Fair Fair | Undersized | Yes | Direct | |
| 1523 1524 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 7 | 4 | 3 | 3 | 2 | 3 | 1 | 1 | 0 | 14 18 | 15 | Fair | Fair | Undersized Undersized | Yes Yes | Direct Direct | + |
| 1525 | Quercus berberidifolia | California scrub oak | 5 | 6 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 18 | 15 | Fair | Fair | Native | Yes | Direct | <u> </u> |
| 1526 | Quercus berberidifolia | California scrub oak | 4 | 4 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 13 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1527 | Quercus berberidifolia | California scrub oak | 5 | 1 | 4 | 3 | 3 | 2 | 0 | 0 | 0 | 12 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | x B - Chadv | vick Ranch | - Tree Inven | | | | | | | | |
|--------------|---------------------------------------------------|----------------------------------------------|--------------------|----|--------|----|------------------|-------------------|-------------|------------|--------------|-----------------|-----------------|--------------|--------------|--------------------------|------------|-------------------|-----------------------------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | S3 | Individual S4 | Stems (in.) S5 | S6 | S7 | S8 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 1528 | Quercus berberidifolia | California scrub oak | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1529 | Quercus berberidifolia | California scrub oak | 3 | 1 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 13 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1530 | Quercus berberidifolia | California scrub oak | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1531 | Quercus berberidifolia | California scrub oak | 3 | 4 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 10 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1532 | Quercus berberidifolia | California scrub oak | 3 | 4 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 12 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1533 1534 | Quercus berberidifolia Heteromeles arbutifolia | California scrub oak Toyon | 3 10 | 4 | 5 4 | 4 | 3 | 3 | 0 | 0 | 0 | 14 14 | 12 15 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | DBH 1in,1in |
| 1534 | Quercus berberidifolia | California scrub oak | 5 | 4 | 4 | 4 | 3 | 2 | 0 | 0 | 0 | 17 | 12 | Fair | Fair | Undersized | Yes | Direct | DBH IIN,IIN |
| 1536 | Quercus berberidifolia | California scrub oak | 9 | 7 | 4 | 3 | 3 | 2 | 1 | 1 | 1 | 18 | 17 | Poor | Fair | Native | Yes | Indirect | DBH 1in |
| 1537 | Quercus berberidifolia | California scrub oak | 2 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 16 | Poor | Fair | Native | Yes | Indirect | DDIT 1111 |
| 1538 | Quercus berberidifolia | California scrub oak | 8 | 5 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 13 | 15 | Fair | Fair | Undersized | Yes | Indirect | |
| 1539 | Quercus agrifolia | Coast live oak | 3 | 19 | 11 | 12 | 0 | 0 | 0 | 0 | 0 | 25 | 35 | Poor | Poor | Native | Yes | Preserve in Place | |
| 1540 | Quercus agrifolia | Coast live oak | 4 | 11 | 6 | 3 | 4 | 0 | 0 | 0 | 0 | 14 | 21 | Fair | Poor | Undersized | Yes | Preserve in Place | |
| 1541 | Sambucus mexicana | Blue elderberry | 2 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 10 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 1543 | Quercus berberidifolia | California scrub oak | 8 | 3 | 3 | 3 | 4 | 4 | 1 | 1 | 1 | 11 | 13 | Poor | Fair | Undersized | Yes | Direct | |
| 1544 | Quercus berberidifolia | California scrub oak | 17 | 3 | 3 | 3 | 4 | 4 | 1 | 1 | 1 | 12 | 15 | Poor | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in,1in,1in,1in |
| 1545 | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 9 | 8 | Poor | Fair | Undersized | Yes | Direct | |
| 1546 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 3 | 4 | 4 | 0 | 0 | 0 | 9 | 17 | Poor | Fair | Undersized | Yes | Direct | |
| 1547 | Quercus berberidifolia | California scrub oak | 8 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 11 | 13 | Fair | Fair | Undersized | Yes | Direct | |
| 1548 | Quercus berberidifolia | California scrub oak | 3 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 13 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1549 | Quercus berberidifolia | California scrub oak | 9 | 4 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 11 | 17 | Fair | Fair | Undersized | Yes | Direct | DBH 1in |
| 1550 | Quercus berberidifolia | California scrub oak | 7 | 4 | 3 | 3 | 3 | 3 | 1 | 1 | 0 | 11 | 15 17 | Poor | Fair | Undersized | Yes | Direct | 9911 11 |
| 1552 | Quercus berberidifolia | California scrub oak | 9 | 3 | 3 | 3 | | | 0 | | 1 | 14 | 9 | Good | Fair | Undersized | Yes | Direct | DBH 1in |
| 1553 1554 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 9 | 3 | 3 | 3 | 3 | 0 | 1 | 0 | 0 | 14 14 | 10 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | DDU 4in |
| 1555 | Quercus berberidifolia | California scrub oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 8 | Fair | Fair | Undersized | Yes | Direct | DBH 1in |
| 1556 | Quercus berberidifolia | California scrub oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 12 | Poor | Poor | Undersized | Yes | Direct | |
| 1557 | Quercus berberidifolia | California scrub oak | 14 | 2 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 11 | 12 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in |
| 1558 | Quercus berberidifolia | California scrub oak | 5 | 2 | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 12 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1559 | Quercus berberidifolia | California scrub oak | 15 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 12 | 18 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in,1in |
| 1560 | Quercus berberidifolia | California scrub oak | 17 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 20 | 30 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in,1in,1in |
| 1561 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 5 | Fair | Fair | Undersized | Yes | Direct | |
| 1562 | Quercus berberidifolia | California scrub oak | 15 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 11 | 15 | Poor | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in |
| 1563 | Quercus berberidifolia | California scrub oak | 8 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 12 | 15 | Poor | Fair | Undersized | Yes | Direct | |
| 1565 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1566 | Quercus berberidifolia | California scrub oak | 10 | 4 | 3 | 3 | 3 | 6 | 1 | 1 | 1 | 15 | 16 | Fair | Fair | Native | Yes | Direct | DBH 1in,1in |
| 1567 1568 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 12 5 | 6 | 7 | 5 | 3 | 3 | 0 | 0 | 0 | 11 17 | 15 15 | Fair Fair | Fair Fair | Undersized Native | Yes Yes | Direct Direct | DBH 1in,1in,1in,1in |
| 1572 | Quercus berberidifolia | California scrub oak | 5 | 4 | 4 | 4 | 3 | 3 | 0 | 0 | 0 | 17 | 17 | Fair | Fair | Undersized | Yes | Direct | |
| 1575 | Quercus berberidifolia | California scrub oak | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 6 | Poor | Fair | Undersized | Yes | Direct | |
| 1576 | Quercus berberidifolia | California scrub oak | 3 | 4 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 16 | 9 | Poor | Fair | Undersized | Yes | Direct | |
| 1577 | Quercus berberidifolia | California scrub oak | 4 | 4 | 3 | 4 | 4 | 4 | 0 | 0 | 0 | 18 | 15 | Poor | Fair | Undersized | Yes | Direct | |
| 1578 | Quercus berberidifolia | California scrub oak | 5 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 15 | 11 | Poor | Fair | Undersized | Yes | Direct | |
| 1579 | Quercus berberidifolia | California scrub oak | 15 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 15 | 10 | Poor | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in,1in |
| 1580 | Quercus berberidifolia | California scrub oak | 3 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Poor | Fair | Undersized | Yes | Direct | |
| 1581 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 1582 | Quercus berberidifolia | California scrub oak | 5 | 3 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 12 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1583 1584 | Quercus berberidifolia | California scrub oak | 3 | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 12 10 | 10 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1584 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 9 | Poor Poor | Poor Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1585 | Quercus berberidifolia | California scrub oak | 4 | 2 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 12 | 14 | Good | Fair | Undersized | Yes | Direct | |
| 1587 | Quercus berberidifolia | California scrub oak | 8 | 2 | 3 | 2 | 2 | 3 | 1 | 1 | 1 | 15 | 14 | Fair | Good | Undersized | Yes | Direct | |
| 1588 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 5 | Poor | Fair | Undersized | Yes | Direct | |
| 1589 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 5 | Fair | Fair | Undersized | Yes | Direct | |
| 1592 | Quercus berberidifolia | California scrub oak | 5 | 3 | 4 | 4 | 2 | 2 | 0 | 0 | 0 | 15 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1593 | Quercus berberidifolia | California scrub oak | 10 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 13 | 11 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in |
| 1594 | Heteromeles arbutifolia | Toyon | 8 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 11 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1595 | Quercus berberidifolia | California scrub oak | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 12 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 1596 | Quercus berberidifolia | California scrub oak | 5 | 4 | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 15 | 15 | Fair Fair | Fair Fair | Undersized | Yes | Direct Direct | |
| 1597 1598 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 8 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 17 9 | 20 4 | Fair Fair | Fair Fair | Undersized | Yes Yes | Direct Direct | |
| 1598 | Heteromeles arbutifolia | Toyon | 9 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 11 | 12 | Fair | Fair | Undersized | Yes | Direct | DBH 1in |
| 1600 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 11 | 14 | Fair | Fair | Undersized | Yes | Direct | DOU THI |
| 1601 | Heteromeles arbutifolia | Toyon | 11 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 16 | 14 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in |
| 1602 | Heteromeles arbutifolia | Toyon | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 | Poor | Fair | Undersized | Yes | Direct | |
| 1603 | Quercus berberidifolia | California scrub oak | 11 | 4 | 4 | 4 | 3 | 3 | 1 | 1 | 1 | 18 | 20 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in |
| 1604 | Quercus berberidifolia | California scrub oak | 8 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 12 | 18 | Fair | Fair | Undersized | Yes | Direct | |
| | - | • | | | | | | | | | | | | | | | | | • |

| | | | | | | | | | x B - Chadv | vick Ranch | - Tree Inven | | | | | | | | |
|--------------|------------------------------------------------------|----------------------------------------------|--------------------|----------|-----------|----|------------------|-------------|-------------|------------|--------------|-----------------|-----------------|--------------|--------------|--------------------------|------------|----------------------------------------|-------------------------------------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | S3 | Individual S4 | Stems (in.) | S6 | 57 | SR | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 1606 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 12 | 18 | Fair | Fair | Undersized | Yes | Direct | |
| 1607 | Quercus berberidifolia | California scrub oak | 5 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 12 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 1608 | Quercus berberidifolia | California scrub oak | 2 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 7 | Poor | Fair | Native | Yes | Direct | |
| 1609 | Quercus berberidifolia | California scrub oak | 16 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 15 | 20 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in,1in |
| 1610 | Quercus berberidifolia | California scrub oak | 9 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 12 | 7 | Fair | Fair | Undersized | Yes | Direct | DBH 1in |
| 1611 | Quercus berberidifolia | California scrub oak | 16 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 14 | 16 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in,1in |
| 1615 1616 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 1 | 29 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 40 | 40 40 | Good Good | Fair Fair | Native Native | Yes Yes | Preserve in Place Preserve in Place | |
| 1619 | Quercus agrijolia Quercus berberidifolia | California scrub oak | 4 | 4 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 14 | 12 | Good | Fair | Undersized | Yes | Preserve in Place | |
| 1620 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 5 | Fair | Fair | Undersized | Yes | Indirect | |
| 1621 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 4 | 3 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Indirect | |
| 1630 | Eucalyptus camaldulensis | River red gum | 2 | 12 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 40 | Fair | Fair | Significant | No | Indirect | |
| 1631 | Quercus berberidifolia | California scrub oak | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 4 | Poor | Fair | Undersized | Yes | Indirect | |
| 1632 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 4 | Fair | Fair | Undersized | Yes | Indirect | |
| 1633 | Quercus agrifolia | Coast live oak | 1 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 40 | Fair | Fair | Native | Yes | Indirect | |
| 1634 | Quercus agrifolia | Coast live oak | 2 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 1635 | Quercus agrifolia | Coast live oak | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 1636 1637 | Quercus agrifolia | Coast live oak | 2 | 18 16 | 10 19 | 0 | 0 | 0 | 0 | 0 | 0 | 35 75 | 35 35 | Fair Fair | Fair Fair | Native Significant | Yes | Indirect | |
| 1638 | Eucalyptus camaldulensis Eucalyptus camaldulensis | River red gum River red gum | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 27 | Fair | Fair | Significant | No No | Indirect Indirect | 1 |
| 1639 | Quercus agrifolia | Coast live oak | 2 | 16 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 18 | Dead | Dead | Hazard | Yes | Hazard | |
| 1640 | Quercus agrifolia | Coast live oak | 2 | 11 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 9 | Dead | Dead | Hazard | Yes | Hazard | |
| 1641 | Eucalyptus camaldulensis | River red gum | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 17 | Fair | Fair | Significant | No | Indirect | |
| 1642 | Eucalyptus camaldulensis | River red gum | 2 | 16 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 40 | Fair | Fair | Significant | No | Indirect | |
| 1643 | Eucalyptus camaldulensis | River red gum | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 25 | Fair | Fair | Significant | No | Indirect | |
| 1644 | Eucalyptus camaldulensis | River red gum | 2 | 17 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 30 | Fair | Poor | Significant | No | Indirect | |
| 1645 | Eucalyptus camaldulensis | River red gum | 4 | 7 | 8 | 9 | 14 | 0 | 0 | 0 | 0 | 40 | 20 | Fair | Poor | Significant | No | Indirect | |
| 1646 | Eucalyptus camaldulensis | River red gum | 4 | 44 | 45 | 50 | 14 | 0 | 0 | 0 | 0 | 40 | 20 | Fair | Poor | Significant | No | Indirect | |
| 1647 | Quercus berberidifolia | California scrub oak | 5 | 7 | 8 | 8 | 6 | 6 | 0 | 0 | 0 | 23 | 17 4 | Fair | Fair | Native | Yes | Indirect | |
| 1648 1649 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 5 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Indirect Indirect | |
| 1650 | Quercus berberidifolia | California scrub oak | 3 | 3 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 15 | 13 | Fair | Fair | Undersized | Yes | Indirect | |
| 1653 | Quercus berberidifolia | California scrub oak | 3 | 3 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 19 | 14 | Fair | Fair | Native | Yes | Indirect | |
| 1654 | Quercus agrifolia | Coast live oak | 2 | 15 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 40 | Fair | Fair | Native | Yes | Indirect | |
| 1655 | Quercus agrifolia | Coast live oak | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 23 | Fair | Fair | Native | Yes | Indirect | |
| 1656 | Quercus berberidifolia | California scrub oak | 2 | 12 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 18 | Fair | Fair | Native | Yes | Direct | |
| 1657 | Sambucus mexicana | Blue elderberry | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 10 | Poor | Poor | Undersized | Yes | Direct | |
| 1658 | Quercus agrifolia | Coast live oak | 3 | 7 | 13 | 10 | 0 | 0 | 0 | 0 | 0 | 28 | 17 | Good | Good | Native | Yes | Direct | |
| 1659 | Quercus berberidifolia | California scrub oak | 5 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 12 | 6 | Good | Good | Undersized | Yes | Direct | |
| 1660 | Quercus berberidifolia | California scrub oak | 9 | 2 | 3 | 2 | 2 | 3 | 1 | 1 | 1 | 15 | 13 | Good | Good | Undersized | Yes | Direct | DBH 1in |
| 1661 1662 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 10 8 | 8 10 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1663 | Quercus berberidifolia | California scrub oak | 3 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 8 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1664 | Quercus berberidifolia | California scrub oak | 5 | 3 | 2 | 3 | 2 | 2 | 0 | 0 | 0 | 8 | 5 | Fair | Fair | Undersized | Yes | Direct | |
| 1665 | Quercus berberidifolia | California scrub oak | 7 | 4 | 2 | 3 | 2 | 2 | 1 | 1 | 0 | 12 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1666 | Quercus berberidifolia | California scrub oak | 5 | 3 | 2 | 3 | 2 | 2 | 0 | 0 | 0 | 10 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1667 | Quercus berberidifolia | California scrub oak | 9 | 2 | 2 | 3 | 2 | 2 | 1 | 1 | 1 | 9 | 15 | Fair | Fair | Undersized | Yes | Direct | DBH 1in |
| 1668 | Quercus berberidifolia | California scrub oak | 7 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 0 | 10 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 1669 | Quercus berberidifolia | California scrub oak | 8 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 12 | 15 | Fair | Fair | Undersized | Yes | Direct | 1 |
| 1670 | Heteromeles arbutifolia | Toyon | 5 4 | 3 | 3 | 2 | 4 | 0 | 0 | 0 | 0 | 16 | 17 | Fair | Fair | Undersized | Yes | Direct | |
| 1671 | Quercus berberidifolia | California scrub oak California scrub oak | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 14 11 | 11 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1672 1673 | Quercus berberidifolia Quercus berberidifolia | California scrub oak | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 7 | Fair Poor | Fair Poor | Undersized Undersized | Yes Yes | Direct Direct | |
| 1674 | Quercus berberidifolia | California scrub oak | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 9 | Poor | Poor | Undersized | Yes | Direct | <u> </u> |
| 1675 | Quercus berberidifolia | California scrub oak | 10 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 12 | 13 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in |
| 1676 | Quercus berberidifolia | California scrub oak | 5 | 3 | 2 | 2 | 3 | 2 | 0 | 0 | 0 | 12 | 14 | Poor | Poor | Undersized | Yes | Direct | |
| 1677 | Quercus berberidifolia | California scrub oak | 4 | 3 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 12 | 12 | Poor | Poor | Undersized | Yes | Direct | |
| 1678 | Quercus berberidifolia | California scrub oak | 9 | 3 | 2 | 2 | 4 | 4 | 1 | 1 | 1 | 13 | 16 | Fair | Fair | Undersized | Yes | Direct | DBH 1in |
| 1679 | Quercus berberidifolia | California scrub oak | 9 | 6 | 5 | 3 | 4 | 4 | 1 | 1 | 1 | 20 | 20 | Fair | Fair | Native | Yes | Direct | DBH 1in |
| 1680 | Quercus berberidifolia | California scrub oak | 21 | 6 | 6 | 5 | 5 | 4 | 1 | 1 | 1 | 25 | 28 | Fair | Fair | Native | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in,1in,1in,1in,1in, |
| 1681 | Quercus berberidifolia | California scrub oak | 8 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 17 | 20 | Fair | Fair | Undersized | Yes | Direct | |
| 1682 | Quercus berberidifolia | California scrub oak | 7 | 2 | 3 | 3 | 2 | 2 | 1 | 1 | 0 | 17 | 19 | Fair | Fair | Undersized | Yes | Direct | |
| 1683 | Quercus berberidifolia | California scrub oak | 7 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 14 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 1684 | Quercus berberidifolia | California scrub oak | 5 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 11 | 12 | Fair | Fair | Undersized | Yes | Direct | 1 |
| 1685 | Quercus berberidifolia | California scrub oak | 9 | 4 | 5 | 6 | 5 | 4 | 1 | 1 | 1 | 20 | 18 | Fair | Fair | Native | Yes | Direct | |
| 1686 1688 | Quercus berberidifolia | California scrub oak California scrub oak | 7 | 3 6 | 3 | 2 | 3 | 3 | 0 1 | 0 | 0 | 14 16 | 9 18 | Poor Poor | Poor | Undersized Native | Yes Yes | Direct Direct | |
| 1088 | Quercus berberidifolia | Camornia scrub dak | | 0 | 3 | | 3 | 3 | 1 | 1 | U | 16 | 18 | 1001 | 1001 | ivative | 162 | Direct | I |

| | | | | | | | | | ix B - Chadv | vick Ranch | Tree Inven | | | | | | | | |
|--------------|---------------------------------------------------|----------------------------------------------|--------------------|-----------|---------|--------|------------------|-------------|--------------|------------|------------|-----------------|-----------------|--------------|--------------|--------------------------|------------|-------------------------------|---------------------------------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | 53 | Individual S4 | Stems (in.) | S6 | S7 | S8 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 1689 | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 12 | 11 | Poor | Poor | Undersized | Yes | Direct | |
| 1690 | Quercus berberidifolia | California scrub oak | 18 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 13 | 15 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in,1in,1in,1in,1in,1in,1in |
| 1691 | Quercus berberidifolia | California scrub oak | 7 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 0 | 15 | 13 | Fair | Fair | Undersized | Yes | Direct | |
| 1692 1693 | Quercus berberidifolia Heteromeles arbutifolia | California scrub oak Tovon | 5 10 | 3 | 3 | 3 | 2 | 2 | 1 | 0 | 0 | 15 18 | 13 13 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | DBH 1in,1in |
| 1694 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 12 | 11 | Fair | Fair | Undersized | Yes | Direct | Borr Imjam |
| 1695 | Quercus berberidifolia | California scrub oak | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 14 | Fair | Fair | Undersized | Yes | Direct | |
| 1696 1697 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 1 5 | 3 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 12 15 | 8 12 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1698 | Quercus berberidifolia | California scrub oak | 12 | 3 | 2 | 3 | 3 | 3 | 1 | 1 | 1 | 13 | 14 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in,1in,1in |
| 1699 | Sambucus mexicana | Blue elderberry | 5 | 10 | 12 | 6 | 6 | 5 | 0 | 0 | 0 | 20 | 13 | Poor | Poor | Native | Yes | Indirect | |
| 1700 1702 | Quercus berberidifolia Heteromeles arbutifolia | California scrub oak | 9 | 3 | 4 0 | 4 0 | 3 0 | 3 0 | 0 | 0 | 0 | 13 12 | 15 6 | Fair Poor | Fair Poor | Undersized Undersized | Yes Yes | Preserve in Place Indirect | DBH 1in |
| 1702 | Heteromeles arbutifolia | Toyon Toyon | 5 | 3 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 11 | 8 | Poor | Poor | Undersized | Yes | Indirect | |
| 1707 | Quercus berberidifolia | California scrub oak | 3 | 3 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 9 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1708 | Quercus berberidifolia | California scrub oak | 8 | 6 | 3 | 4 | 3 | 2 | 1 | 1 | 1 | 15 | 15 | Fair | Fair | Native | Yes | Direct | |
| 1709 1710 | Sambucus mexicana Quercus berberidifolia | Blue elderberry California scrub oak | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 15 11 | 13 8 | Poor Fair | Poor Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1711 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1712 | Quercus berberidifolia | California scrub oak | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 14 | 13 | Fair | Fair | Undersized | Yes | Direct | |
| 1713 1714 | Quercus berberidifolia Sambucus mexicana | California scrub oak Blue elderberry | 4 | 4 9 | 0 | 5 | 3 0 | 0 | 0 | 0 | 0 | 14 14 | 17 9 | Fair Poor | Fair Poor | Undersized Undersized | Yes Yes | Direct Direct | |
| 1715 | Quercus berberidifolia | California scrub oak | 2 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 12 | Poor | Poor | Native | Yes | Direct | |
| 1716 | Quercus berberidifolia | California scrub oak | 3 | 4 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 17 | 14 | Fair | Fair | Native | Yes | Direct | |
| 1719 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| 1721 1722 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 9 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1723 | Quercus berberidifolia | California scrub oak | 10 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 10 | 14 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in |
| 1724 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 1727 1728 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 1 | 6 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 9 | 7 | Fair Fair | Fair Fair | Native Undersized | Yes Yes | Direct Direct | |
| 1729 | Quercus berberidifolia | California scrub oak | 11 | 4 | 4 | 5 | 2 | 2 | 1 | 1 | 1 | 15 | 16 | Poor | Poor | Undersized | Yes | Direct | DBH 1in,1in,1in |
| 1730 | Quercus berberidifolia | California scrub oak | 5 | 4 | 4 | 3 | 2 | 2 | 0 | 0 | 0 | 15 | 17 | Poor | Poor | Undersized | Yes | Direct | |
| 1731 1732 | Quercus berberidifolia Ouercus berberidifolia | California scrub oak California scrub oak | 5 | 4 | 6 3 | 7 | 6 | 4 0 | 0 | 0 | 0 | 18 6 | 17 5 | Fair Poor | Fair Poor | Native Undersized | Yes Yes | Direct Direct | |
| 1733 | Heteromeles arbutifolia | Toyon | 12 | 3 | 3 | 2 | 2 | 3 | 1 | 1 | 1 | 15 | 20 | Good | Good | Undersized | Yes | Direct | DBH 1in,1in,1in,1in |
| 1737 | Quercus berberidifolia | California scrub oak | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 14 | Good | Good | Undersized | Yes | Direct | |
| 1740 | Quercus agrifolia | Coast live oak | 3 | 17 | 17 | 19 | 0 | 0 | 0 | 0 | 0 | 45 | 50 | Good | Good | Native | Yes | Direct | |
| 1741 1742 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 7 | 6 4 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1743 | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 8 | Fair | Fair | Native | Yes | Direct | |
| 1744 | Quercus berberidifolia | California scrub oak | 4 | 5 | 3 | 3 | 4 | 0 | 0 | 0 | 0 | 18 | 13 | Fair | Fair | Undersized | Yes | Direct | |
| 1750 1751 | Quercus agrifolia Quercus berberidifolia | Coast live oak California scrub oak | 1 | 12 5 | 34 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 15 | 27 7 | Fair Fair | Fair Fair | Native Undersized | Yes Yes | Direct Direct | |
| 1752 | Quercus berberidifolia | California scrub oak | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1756 | Heteromeles arbutifolia | Toyon | 10 | 3 | 2 | 3 | 3 | 3 | 1 | 1 | 1 | 15 | 18 | Fair | Fair | Undersized | Yes | Direct | DBH 1in,1in |
| 1757 1758 | Quercus agrifolia | Coast live oak | 1 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 25 | Fair Fair | Fair Fair | Native Native | Yes | Direct Direct | |
| 1758.1 | Quercus agrifolia Fraxinus spp | Ash spp | 5 | 15 3 | 2 | 3 | 4 | 3 | 0 | 0 | 0 | 40 15 | 18 12 | Fair | Fair | Undersized | Yes No | Direct | |
| 1759 | Sambucus mexicana | Blue elderberry | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1760 | Quercus agrifolia | Coast live oak | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1761 1762 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 9 | 5 6 | 4 | 6 | 0 5 | 0 4 | 0 | 0 | 0 | 13 15 | 11 17 | Fair Fair | Fair Fair | Undersized Native | Yes Yes | Direct Direct | DBH 1in |
| 1763 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | Fair | Fair | Undersized | Yes | Direct | DBH IIII |
| 1764 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| 1767 1768 | Quercus berberidifolia | California scrub oak | 3 | 6 3 | 5 6 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1769 | Sambucus mexicana Quercus agrifolia | Blue elderberry Coast live oak | 2 | 16 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 10 45 | 10 33 | Fair Fair | Fair Fair | Undersized Native | Yes Yes | Direct Direct | |
| 1771 | Quercus berberidifolia | California scrub oak | 3 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 15 | 18 | Fair | Fair | Undersized | Yes | Direct | |
| 1772 | Quercus berberidifolia | California scrub oak | 3 | 4 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 15 | 14 | Fair | Fair | Undersized | Yes | Direct | |
| 1773 1774 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 3 | 10 4 | 9 | 8 | 0 | 0 | 0 | 0 | 0 | 18 18 | 25 14 | Fair Fair | Fair Fair | Native Undersized | Yes Yes | Direct Direct | |
| 1776 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| 1777 | Quercus berberidifolia | California scrub oak | 4 | 4 | 4 | 4 | 6 | 0 | 0 | 0 | 0 | 16 | 15 | Fair | Fair | Native | Yes | Direct | |
| 1778 1779 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 2 | 7 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 15 16 | 6 14 | Fair Fair | Fair Fair | Undersized Native | Yes Yes | Direct Direct | |
| 1779 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 2 | 2 | 4 | 0 | 0 | 0 | 16 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1782 | Quercus berberidifolia | California scrub oak | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | ix B - Chadv | vick Ranch - | - Tree Inven | | | | | | | | |
|--------------|------------------------------------------------|----------------------------------------------|--------------------|----------|------------|---------|------------------|-------------|--------------|--------------|--------------|-----------------|-----------------|--------------|--------------|--------------------------|------------|-------------------------------|-------------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | 53 | Individual S4 | Stems (in.) | S6 | S7 | S8 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 1783 | Quercus berberidifolia | California scrub oak | 2 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 9 | Fair | Fair | Native | Yes | Direct | |
| 1784 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 4 | Fair | Fair | Undersized | Yes | Direct | |
| 1785 | Heteromeles arbutifolia | Toyon | 10 | 6 | 8 | 4 | 5 | 4 | 1 | 1 | 1 | 18 | 20 | Good | Good | Native | Yes | Direct | DBH 1in,1in |
| 1786 | Quercus agrifolia | Coast live oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 5 | Good | Good | Undersized | Yes | Direct | |
| 1787 1788 | Quercus agrifolia Ouercus berberidifolia | Coast live oak California scrub oak | 4 | 10 3 | 0 4 | 0 | 3 | 0 | 0 | 0 | 0 | 30 18 | 15 15 | Good Fair | Good Fair | Native Undersized | Yes | Direct Direct | |
| 1789 | Quercus berberiaijolia Ouercus berberidifolia | California scrub oak | 3 | 3 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes Yes | Direct | |
| 1790 | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 14 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1801 | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 12 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| 1802 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 3 | 4 | 0 | 0 | 0 | 0 | 14 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1803 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 3 | 4 | 0 | 0 | 0 | 0 | 14 | 13 | Fair | Fair | Undersized | Yes | Direct | |
| 1804 | Quercus berberidifolia | California scrub oak | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1805 | Quercus berberidifolia | California scrub oak | 4 | 6 | 6 | 3 | 2 | 0 | 0 | 0 | 0 | 17 | 13 | Fair | Fair | Native | Yes | Direct | |
| 1806 1807 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 3 | 12 10 | 16 16 | 0 15 | 0 | 0 | 0 | 0 | 0 | 35 50 | 18 27 | Fair Poor | Fair Poor | Native Native | Yes Yes | Direct Direct | |
| 1808 | Sambucus mexicana | Blue elderberry | 3 | 10 | 8 | 6 | 0 | 0 | 0 | 0 | 0 | 18 | 9 | Poor | Poor | Native | Yes | Direct | |
| 1809 | Quercus agrifolia | Coast live oak | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 13 | Good | Good | Native | Yes | Direct | |
| 1810 | Sambucus mexicana | Blue elderberry | 3 | 8 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 9 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1817 | Platanus racemosa | California sycamore | 5 | 12 | 13 | 9 | 12 | 15 | 0 | 0 | 0 | 65 | 40 | Fair | Fair | Native | Yes | Direct | |
| 1818 | Platanus racemosa | California sycamore | 2 | 4 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 20 | Fair | Fair | Native | Yes | Direct | |
| 1819 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 6 | Good | Good | Undersized | Yes | Direct | |
| 1820 | Quercus agrifolia | Coast live oak | 2 | 8 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 18 | Fair | Fair | Native | Yes | Direct | |
| 1821 1822 | Quercus agrifolia Platanus racemosa | Coast live oak California sycamore | 5 | 13 7 | 15 6 | 26 6 | 6 | 6 | 0 | 0 | 0 | 45 40 | 40 20 | Fair Fair | Fair Fair | Native Native | Yes Yes | Direct Direct | |
| 1823 | Quercus agrifolia | Coast live oak | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 17 | Fair | Fair | Native | Yes | Direct | |
| 1824 | Quercus berberidifolia | California scrub oak | 5 | 3 | 4 | 6 | 4 | 3 | 0 | 0 | 0 | 14 | 17 | Fair | Fair | Undersized | Yes | Direct | |
| 1830 | Sambucus mexicana | Blue elderberry | 9 | 4 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 15 | 9 | Fair | Fair | Undersized | Yes | Indirect | DBH 1in |
| 1831 | Quercus berberidifolia | California scrub oak | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 | Poor | Poor | Undersized | Yes | Indirect | |
| 1832 | Quercus berberidifolia | California scrub oak | 3 | 4 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 15 | 13 | Poor | Poor | Undersized | Yes | Indirect | |
| 1833 | Quercus berberidifolia | California scrub oak | 3 | 4 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 15 | 9 | Poor | Poor | Undersized | Yes | Preserve in Place | |
| 1834 | Quercus berberidifolia | California scrub oak | 2 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 12 7 | Poor | Poor | Undersized | Yes | Indirect | |
| 1835 1836 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 15 | 6 | Poor Poor | Poor Poor | Undersized Undersized | Yes Yes | Indirect Indirect | |
| 1837 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 4 | 3 | 3 | 0 | 0 | 0 | 15 | 13 | Poor | Poor | Undersized | Yes | Indirect | |
| 1838 | Quercus berberidifolia | California scrub oak | 12 | 3 | 3 | 2 | 3 | 3 | 1 | 1 | 1 | 15 | 15 | Fair | Fair | Undersized | Yes | Indirect | DBH 1in,1in,1in,1in |
| 1840 | Quercus berberidifolia | California scrub oak | 8 | 6 | 4 | 4 | 3 | 4 | 1 | 1 | 1 | 15 | 15 | Fair | Fair | Native | Yes | Encroachment | |
| 1841 | Quercus berberidifolia | California scrub oak | 4 | 3 | 4 | 4 | 3 | 0 | 0 | 0 | 0 | 15 | 12 | Fair | Fair | Undersized | Yes | Encroachment | |
| 1842 | Quercus berberidifolia | California scrub oak | 7 | 4 | 4 | 3 | 3 | 3 | 1 | 1 | 0 | 14 | 12 | Fair | Fair | Undersized | Yes | Encroachment | |
| 1851 | Quercus berberidifolia | California scrub oak | 8 | 4 | 4 | 3 | 3 | 3 | 1 | 1 | 1 | 14 | 18 | Poor | Poor | Undersized | Yes | Indirect | 201141 41 41 41 |
| 1852 1853 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 13 3 | 4 | 4 | 3 | 3 | 3 | 0 | 0 | 0 | 14 14 | 30 12 | Poor Poor | Poor Poor | Undersized Undersized | Yes Yes | Preserve in Place Indirect | DBH 1in,1in,1in,1in,1in |
| 1854 | Quercus berberidifolia | California scrub oak | 3 | 4 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 14 | 7 | Poor | Poor | Undersized | Yes | Indirect | |
| 1858 | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 10 | Fair | Fair | Undersized | Yes | Indirect | |
| 1859 | Quercus berberidifolia | California scrub oak | 7 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 0 | 9 | 12 | Fair | Fair | Undersized | Yes | Indirect | |
| 1860 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| 1861 | Quercus berberidifolia | California scrub oak | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 5 | Fair | Fair | Undersized | Yes | Direct | |
| 1862 1863 | Quercus berberidifolia | California scrub oak | 9 | 3 | 2 | 3 | 3 | 3 | 1 | 1 | 1 | 15 13 | 14 14 | Fair Fair | Fair | Undersized | Yes | Direct | DBH 1in |
| 1863 | Quercus berberidifolia Quercus berberidifolia | California scrub oak | 3 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 13 | 10 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1865 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 14 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1867 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 4 | 4 | 0 | 0 | 0 | 0 | 14 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1868 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 4 | 4 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 1872 | Quercus berberidifolia | California scrub oak | 5 | 5 | 4 | 2 | 3 | 4 | 0 | 0 | 0 | 17 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 1873 | Quercus berberidifolia | California scrub oak | 3 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 15 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1874 693 | Quercus berberidifolia Heteromeles arbutifolia | California scrub oak Toyon | 8 | 4 6 | - 3 - 6 | 2 | 4 | 3 4 | 4 | 0 | 0 | 15 20 | 15 20 | Fair Fair | Fair Fair | Undersized Native | Yes Yes | Direct Indirect | |
| 695 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 2 | 3 | 0 | 0 | 0 | 0 | 13 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 696 | Quercus berberidifolia | California scrub oak | 3 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 699 | Quercus berberidifolia | California scrub oak | 2 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 13 | Fair | Fair | Native | Yes | Direct | |
| 711 | Sambucus mexicana | Blue elderberry | 2 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 10 | Fair | Fair | Native | Yes | Direct | |
| 712 | Quercus berberidifolia | California scrub oak | 2 | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 16 | Fair | Fair | Native | Yes | Direct | |
| 716 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 717 718 | Quercus berberidifolia | California scrub oak | 4 | 4 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 718 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 3 | 6 | 3 4 | 0 4 | 0 | 0 | 0 | 0 | 0 | 18 15 | 20 15 | Fair Fair | Fair Fair | Native Native | Yes Yes | Direct Direct | |
| 760 | Quercus agrifolia | Coast live oak | 2 | 11 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 55 | Fair | Fair | Native | Yes | Preserve in Place | |
| 761 | Quercus agrifolia | Coast live oak | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 65 | Fair | Fair | Native | Yes | Preserve in Place | |
| 762 | Quercus agrifolia | Coast live oak | 2 | 12 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 55 | Fair | Fair | Native | Yes | Indirect | |
| 763 | Quercus agrifolia | Coast live oak | 1 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | Dead | Dead | Hazard | Yes | Hazard | |
| | | | | | | | | | | | | | | | | | | | |

24

| | | | | | | | | | x B - Chadv | vick Ranch - | Tree Inven | | | | | | | | |
|--------------|----------------------------------------------|-------------------------------|--------------------|----------|----------|----|------------------|-------------------|-------------|--------------|------------|-----------------|-----------------|--------------|--------------|----------------------|------------|--------------------------|-------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | S3 | Individual S4 | Stems (in.) S5 | S6 | S7 | S8 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 764 | Quercus agrifolia | Coast live oak | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 765 | Quercus agrifolia | Coast live oak | 1 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 40 | Fair | Fair | Native | Yes | Indirect | |
| 766 | Quercus agrifolia | Coast live oak | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 20 | Fair | Poor | Native | Yes | Indirect | |
| 767 | Quercus agrifolia | Coast live oak | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 35 | Fair | Fair | Native | Yes | Indirect | |
| 768 769 | Quercus agrifolia Heteromeles arbutifolia | Coast live oak Toyon | 3 | 12 10 | 0 4 | 4 | 0 | 0 | 0 | 0 | 0 | 40 20 | 25 20 | Fair Fair | Fair Fair | Native Native | Yes Yes | Indirect Indirect | |
| 770 | Quercus agrifolia | Coast live oak | 4 | 12 | 12 | 12 | 6 | 0 | 0 | 0 | 0 | 50 | 45 | Fair | Fair | Native | Yes | Indirect | |
| 771 | Quercus agrifolia | Coast live oak | 1 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 45 | Fair | Fair | Native | Yes | Indirect | |
| 772 | Quercus agrifolia | Coast live oak | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 773 | Quercus agrifolia | Coast live oak | 4 | 8 | 7 | 8 | 6 | 0 | 0 | 0 | 0 | 25 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 774 | Quercus berberidifolia | California scrub oak | 5 | 6 | 6 | 5 | 4 | 4 | 0 | 0 | 0 | 30 | 30 | Fair | Fair | Native | Yes | Indirect | |
| 775 | Quercus agrifolia | Coast live oak | 1 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 40 | Fair | Fair | Native | Yes | Indirect | |
| 775.1 | Sambucus mexicana | Blue elderberry | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 15 | Fair Fair | Fair | Native | Yes | Indirect | |
| 776 776.1 | Quercus agrifolia Heteromeles arbutifolia | Coast live oak Toyon | 2 | 14 4 | 0 4 | 3 | 0 2 | 0 2 | 0 | 0 | 0 | 45 22 | 25 15 | Fair | Fair Fair | Native Undersized | Yes Yes | Indirect Indirect | |
| 777.1 | Quercus agrifolia | Coast live oak | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 783 | Quercus agrifolia | Coast live oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 15 | Fair | Fair | Native | Yes | Direct | |
| 784 | Quercus agrifolia | Coast live oak | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Fair | Native | Yes | Direct | |
| 785 | Quercus agrifolia | Coast live oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 786 | Quercus agrifolia | Coast live oak | 4 | 22 | 18 | 17 | 14 | 0 | 0 | 0 | 0 | 60 | 65 | Fair | Fair | Native | Yes | Encroachment | |
| 787 | Quercus agrifolia | Coast live oak | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 788 789 | Quercus agrifolia | Coast live oak Coast live oak | 1 | 11 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 30 | 20 | Fair Fair | Fair Fair | Native Native | Yes Yes | Indirect Indirect | |
| 789 | Quercus agrifolia | | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 15 | Fair | Fair | Native | | Indirect | |
| 790 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 35 | Fair | Fair | Native | Yes Yes | Indirect | |
| 794 | Quercus agrifolia | Coast live oak | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 795 | Quercus agrifolia | Coast live oak | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 796 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 12 | Fair | Fair | Undersized | Yes | Indirect | |
| 797 | Quercus agrifolia | Coast live oak | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 25 | Fair | Fair | Native | Yes | Encroachment | |
| 798 | Quercus agrifolia | Coast live oak | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 799 | Quercus agrifolia | Coast live oak | 2 | 10 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 801 802 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 1 | 6 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 40 | 12 20 | Fair Fair | Fair Fair | Native Native | Yes Yes | Indirect Indirect | |
| 803 | Quercus agrifolia | Coast live oak | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 804 | Sambucus mexicana | Blue elderberry | 4 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Indirect | |
| 812 | Quercus agrifolia | Coast live oak | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 25 | Fair | Fair | Native | Yes | Direct | |
| 813 | Quercus agrifolia | Coast live oak | 2 | 14 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 35 | Fair | Fair | Native | Yes | Direct | |
| 814 | Quercus agrifolia | Coast live oak | 2 | 12 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 25 | Fair | Fair | Native | Yes | Encroachment | |
| 815 | Quercus agrifolia | Coast live oak | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 30 | Fair | Fair | Native | Yes | Encroachment | |
| 816 | Quercus agrifolia | Coast live oak | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 35 | Fair | Fair | Native | Yes | Encroachment | |
| 817 818 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 1 | 18 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 40 | 35 20 | Fair Poor | Fair Poor | Native Native | Yes Yes | Encroachment Indirect | |
| 823 | Quercus agrifolia | Coast live oak | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 824 | Quercus agrifolia | Coast live oak | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 824.1 | Quercus agrifolia | Coast live oak | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 825 | Quercus agrifolia | Coast live oak | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 825.1 | Quercus agrifolia | Coast live oak | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 826 827 | Quercus agrifolia | Coast live oak | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 15 | Fair Fair | Fair | Native | Yes | Indirect Indirect | |
| 827 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 1 | 11 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 45 | 20 30 | Fair Fair | Poor Poor | Native Native | Yes Yes | Indirect | |
| 828 | Heteromeles arbutifolia | Toyon | 4 | 4 | 3 | 4 | 2 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Indirect | |
| 830 | Quercus agrifolia | Coast live oak | 2 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 831 | Quercus agrifolia | Coast live oak | 1 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 832 | Quercus agrifolia | Coast live oak | 5 | 21 | 10 | 9 | 7 | 4 | 0 | 0 | 0 | 45 | 35 | Fair | Fair | Native | Yes | Indirect | |
| 833 | Sambucus mexicana | Blue elderberry | 3 | 4 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 15 | 13 | Poor | Poor | Undersized | Yes | Indirect | |
| 834 | Platanus racemosa | California sycamore | 4 | 3 | 20 | 20 | 18 | 0 | 0 | 0 | 0 | 70 | 50 | Fair | Poor | Native | Yes | Indirect | |
| 835 | Platanus racemosa | California sycamore | 3 | 2 19 | 22 19 | 20 | 0 | 0 | 0 | 0 | 0 | 60 50 | 45 30 | Fair | Poor | Native | Yes | Indirect Indirect | |
| 843 844 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 1 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 25 | Fair Fair | Fair Fair | Native Native | Yes Yes | Indirect | |
| 845 | Quercus agrifolia | Coast live oak | 1 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 846 | Quercus agrifolia | Coast live oak | 2 | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 30 | Fair | Fair | Native | Yes | Indirect | |
| 847 | Quercus agrifolia | Coast live oak | 3 | 4 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 25 | 20 | Fair | Fair | Undersized | Yes | Indirect | |
| 848 | Quercus agrifolia | Coast live oak | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 35 | Fair | Fair | Native | Yes | Indirect | |
| 849 | Quercus agrifolia | Coast live oak | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 850 | Quercus agrifolia | Coast live oak | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 851 852 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 1 | 15 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 30 | 18 12 | Fair Fair | Fair Fair | Native Native | Yes Yes | Indirect Indirect | |
| 852 | Quercus agrifolia | Coast live oak | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 854 | Quercus agrifolia | Coast live oak | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 20 | Fair | Fair | Native | Yes | Indirect | |
| | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | ix B - Chadv | vick Ranch - | Tree Invent | | | | | | | | |
|--------------|------------------------------------------------|----------------------------------------------|--------------------|---------|--------|----|------------------|-------------|--------------|--------------|-------------|-----------------|-----------------|--------------|--------------|----------------------------|------------|--------------------------|----------------------------------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | 53 | Individual S4 | Stems (in.) | S6 | 57 | 58 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 855 | Quercus agrifolia | Coast live oak | 3 | 20 | 16 | 8 | 0 | 0 | 0 | 0 | 0 | 45 | 45 | Fair | Fair | Native | Yes | Indirect | |
| 857 | Quercus agrifolia | Coast live oak | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 858 | Quercus agrifolia | Coast live oak | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 859 | Sambucus mexicana | Blue elderberry | 4 | 9 | 4 | 3 | 4 | 0 | 0 | 0 | 0 | 15 | 8 | Fair | Fair | Native | Yes | Direct | |
| 860 861 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 3 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 15 16 | 28 10 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 862 | Sambucus mexicana | Blue elderberry | 5 | 6 | 5 | 3 | 2 | 2 | 0 | 0 | 0 | 15 | 12 | Fair | Fair | Native | Yes | Direct | |
| 863 | Quercus berberidifolia | California scrub oak | 4 | 4 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 18 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 864 | Quercus berberidifolia | California scrub oak | 4 | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 15 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 865 | Quercus berberidifolia | California scrub oak | 5 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 12 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 866 | Quercus berberidifolia | California scrub oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 867 | Heteromeles arbutifolia | Toyon | 5 | 6 | 4 | 2 | 3 | 2 | 0 | 0 | 0 | 15 | 15 | Fair Fair | Fair | Native | Yes | Direct | |
| 868 869 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 1 | 6 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 25 | 10 15 | Fair | Fair Fair | Native Native | Yes Yes | Direct Direct | |
| 870 | Heteromeles arbutifolia | Toyon | 7 | 7 | 7 | 6 | 4 | 4 | 5 | 4 | 0 | 18 | 20 | Fair | Poor | Native | Yes | Direct | |
| 871 | Quercus berberidifolia | California scrub oak | 7 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 0 | 18 | 20 | Poor | Poor | Undersized | Yes | Direct | |
| 872 | Heteromeles arbutifolia | Toyon | 2 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 20 | Fair | Fair | Native | Yes | Direct | |
| 873 | Quercus agrifolia | Coast live oak | 2 | 11 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 25 | Fair | Fair | Native | Yes | Direct | |
| 874 | Quercus agrifolia | Coast live oak | 2 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 25 | Fair | Fair | Native | Yes | Direct | |
| 875 876 | Quercus agrifolia | Coast live oak | 1 | 18 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 25 | Poor | Poor Fair | Native | Yes | Direct | |
| 877 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 15 | 10 15 | Fair Fair | Fair | Undersized Native | Yes Yes | Direct Direct | |
| 878 | Heteromeles arbutifolia | Toyon | 6 | 4 | 4 | 3 | 4 | 2 | 2 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 892 | Quercus agrifolia | Coast live oak | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 35 | Fair | Fair | Native | Yes | Encroachment | |
| 893 | Quercus agrifolia | Coast live oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 10 | Fair | Fair | Native | Yes | Indirect | |
| 894 | Quercus agrifolia | Coast live oak | 1 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 40 | Fair | Fair | Native | Yes | Indirect | |
| 895 | Quercus berberidifolia | California scrub oak | 7 | 2 | 2 | 2 | 2 | 6 | 4 | 3 | 0 | 15 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 896 | Quercus berberidifolia | California scrub oak | 2 | 5 | 5 4 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 20 | Fair | Fair | Undersized | Yes | Indirect | |
| 897 898 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 2 8 | 3 | 1 | 1 | 2 | 0 1 | 2 | 0 | 3 | 12 10 | 10 15 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Indirect Indirect | |
| 899 | Heteromeles arbutifolia | Toyon | 5 | 4 | 4 | 4 | 3 | 2 | 0 | 0 | 0 | 18 | 15 | Fair | Fair | Undersized | Yes | Indirect | |
| 900 | Quercus agrifolia | Coast live oak | 1 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 35 | Fair | Fair | Native | Yes | Indirect | |
| 901 | Quercus agrifolia | Coast live oak | 1 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 40 | Fair | Fair | Native | Yes | Indirect | |
| 902 | Sambucus mexicana | Blue elderberry | 3 | 5 | 7 | 9 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 903 | Sambucus mexicana | Blue elderberry | 2 | 12 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 904 | Quercus agrifolia Ouercus agrifolia | Coast live oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 13 | 8 7 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Indirect Encroachment | |
| 906 | Quercus agrifolia | Coast live oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 907 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | Fair | Fair | Undersized | Yes | Encroachment | |
| 908 | Cupressus sempervirens | Italian cypress | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 10 | Fair | Fair | Significant | No | Encroachment | |
| 909 | Cupressus sempervirens | Italian cypress | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 10 | Fair | Fair | Significant | No | Encroachment | |
| 910 | Cupressus sempervirens | Italian cypress | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 10 | Fair | Fair | Significant | No | Encroachment | |
| 946 947 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 4 | 4 | 3 4 | 3 | 3 | 0 | 0 | 0 | 0 | 15 15 | 10 15 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 947 | Quercus berberidifolia | California scrub oak | 2 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 949 | Quercus berberidifolia | California scrub oak | 2 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Native | Yes | Direct | |
| 1038 | Pinus halepensis | ⊤áAleppo pine | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 20 | Dead | Dead | Hazard | No | Hazard | |
| 1039 | Quercus agrifolia | Coast live oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Indirect | |
| 1040 | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Poor | Poor | Native | Yes | Indirect | |
| 1041 | Pinus halepensis | TáAleppo pine | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 20 | Fair | Fair | Significant | No | Indirect | |
| 1042 1043 | Pinus halepensis Pinus halepensis | ⊤áAleppo pine ⊤áAleppo pine | 1 | 9 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 35 | 20 25 | Fair Fair | Fair Fair | Significant Significant | No No | Indirect Indirect | |
| 1043 | Cupressus sempervirens | Takieppo pine Italian cypress | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 5 | Fair | Fair | Undersized | No | Indirect | |
| 1045 | Pinus halepensis | ⊤áAleppo pine | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 30 | Fair | Fair | Significant | No | Indirect | |
| 1046 | Cupressus sempervirens | Italian cypress | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Significant | No | Indirect | |
| 1047 | Schinus molle | Peruvian pepper | 4 | 6 | 6 | 6 | 6 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Significant | No | Indirect | |
| 1048 | Pinus halepensis | TáAleppo pine | 1 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 30 | Fair | Fair | Significant | No | Indirect | |
| 1049 | Schinus molle | Peruvian pepper | 2 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Fair | Significant | No | Encroachment | |
| 1050 1058 | Schinus molle Ouercus aarifolia | Peruvian pepper Coast live oak | 2 | 5 36 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 20 50 | 15 50 | Fair Fair | Fair Fair | Undersized Native | No Yes | Indirect Indirect | |
| 1058 | Pinus halepensis | TáAleppo pine | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 30 | Fair | Fair | Significant | No | Indirect | |
| 1060 | Schinus molle | Peruvian pepper | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 20 | Fair | Fair | Significant | No | Indirect | |
| 1061 | Schinus molle | Peruvian pepper | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 20 | Fair | Fair | Significant | No | Indirect | |
| 1062 | Quercus berberidifolia | California scrub oak | 3 | 6 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 15 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 1063 | Heteromeles arbutifolia | Toyon | 7 | 6 | 6 | 5 | 5 | 4 | 4 | 4 | 0 | 25 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 1064 | Quercus agrifolia | Coast live oak | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 1065 1066 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 2 5 | 8 9 | 6 9 | 8 | 0 8 | 7 | 0 | 0 | 0 | 30 25 | 20 25 | Fair Fair | Fair Fair | Native Native | Yes Yes | Indirect Indirect | |
| 1066 | Heteromeles arbutifolia | Tovon | 4 | 16 | 12 | 6 | 8 | 0 | 0 | 0 | 0 | 35 | 35 | Fair | Fair | Native | Yes | Indirect | |
| | | 1 -/ | | _0 | | | | | | | | | | | | | | | <u>. </u> |

| | | | | | | | | | x B - Chadv | vick Ranch | - Tree Inven | | | | | | | | |
|--------------|------------------------------------------------|----------------------------------------------|--------------------|---------|--------|--------|------------------|-------------|-------------|------------|--------------|-----------------|-----------------|--------------|--------------|--------------------------|------------|-------------------------------|-----------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | 53 | Individual S4 | Stems (in.) | S6 | 57 | SR | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 1069 | Quercus agrifolia | Coast live oak | 1 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 45 | Fair | Fair | Native | Yes | Encroachment | |
| 1542 | Quercus berberidifolia | California scrub oak | 5 | 5 | 4 | 4 | 2 | 2 | 0 | 0 | 0 | 12 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1551 | Quercus berberidifolia | California scrub oak | 5 | 5 | 5 | 4 | 4 | 2 | 0 | 0 | 0 | 14 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1564 | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 12 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1569 | Quercus berberidifolia | California scrub oak | 4 | 5 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1570 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 6 5 | 4 | 3 | 3 4 | 3 | 3 | 0 | 0 | 0 | 12 | 15 12 | Fair | Fair | Undersized | Yes | Direct Direct | |
| 1571 1573 | Quercus berberidifolia | California scrub oak | 4 | 4 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 16 16 | 12 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct | |
| 1574 | Quercus berberidifolia | California scrub oak | 6 | 5 | 4 | 4 | 3 | 2 | 2 | 0 | 0 | 18 | 20 | Fair | Fair | Undersized | Yes | Direct | |
| 1590 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 16 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1591 | Quercus berberidifolia | California scrub oak | 6 | 4 | 3 | 3 | 3 | 2 | 1 | 0 | 0 | 20 | 13 | Fair | Fair | Undersized | Yes | Direct | |
| 1605 | Quercus berberidifolia | California scrub oak | 5 | 4 | 4 | 3 | 3 | 2 | 0 | 0 | 0 | 20 | 14 | Fair | Fair | Undersized | Yes | Direct | |
| 1612 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 15 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1613 | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 15 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1614 | Quercus berberidifolia | California scrub oak | 7 | 5 | 4 | 4 | 3 | 2 | 2 | 1 | 0 | 24 | 18 | Dead | Dead | Hazard | Yes | Hazard | |
| 1617 1618 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 3 | 5 6 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 25 25 | 15 15 | Good Good | Good Good | Undersized Native | Yes Yes | Preserve in Place Indirect | |
| 1622 | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 15 | Good | Good | Native | Yes | Indirect | |
| 1623 | Quercus berberidifolia | California scrub oak | 5 | 4 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 18 | 15 | Good | Good | Undersized | Yes | Indirect | |
| 1624 | Quercus berberidifolia | California scrub oak | 5 | 6 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 16 | 15 | Good | Good | Native | Yes | Indirect | |
| 1625 | Quercus berberidifolia | California scrub oak | 6 | 4 | 4 | 5 | 2 | 2 | 1 | 0 | 0 | 20 | 12 | Good | Good | Undersized | Yes | Indirect | |
| 1626 | Quercus berberidifolia | California scrub oak | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 16 | Good | Good | Undersized | Yes | Indirect | |
| 1627 | Quercus berberidifolia | California scrub oak | 6 | 3 | 3 | 3 | 3 | 3 | 4 | 0 | 0 | 18 | 20 | Good | Good | Undersized | Yes | Preserve in Place | |
| 1628 | Quercus berberidifolia | California scrub oak | 7 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 0 | 12 | 18 | Good | Good | Undersized | Yes | Preserve in Place | |
| 1629 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 10 | 8 | Good | Good | Undersized | Yes | Preserve in Place | |
| 1651 | Quercus berberidifolia | California scrub oak | 4 | 6 5 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 20 15 | 8 12 | Good | Good | Native | Yes | Indirect | |
| 1652 1687 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 4 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 20 | 15 | Good Good | Good Good | Undersized Undersized | Yes Yes | Indirect Direct | |
| 1701 | Quercus berberidifolia | California scrub oak | 7 | 6 | 4 | 4 | 4 | 3 | 2 | 2 | 0 | 25 | 20 | Good | Good | Native | Yes | Indirect | |
| 1703 | Heteromeles arbutifolia | Toyon | 8 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 20 | 25 | Good | Good | Undersized | Yes | Indirect | |
| 1705 | Heteromeles arbutifolia | Toyon | 6 | 3 | 3 | 3 | 2 | 2 | 2 | 0 | 0 | 16 | 15 | Good | Good | Undersized | Yes | Direct | |
| 1706 | Quercus berberidifolia | California scrub oak | 3 | 7 | 7 | 8 | 0 | 0 | 0 | 0 | 0 | 35 | 20 | Good | Good | Native | Yes | Indirect | |
| 1707 | Quercus berberidifolia | California scrub oak | 8 | 5 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 24 | 20 | Good | Good | Undersized | Yes | Direct | |
| 1717 | Quercus berberidifolia | California scrub oak | 3 | 7 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 25 | 20 | Fair | Good | Native | Yes | Direct | |
| 1718 1720 | Quercus berberidifolia Ouercus berberidifolia | California scrub oak California scrub oak | 8 | 8 | 5 | 3 | 3 | 3 | 2 | 2 | 1 | 28 | 25 | Fair Dead | Good | Native Hazard | Yes | Direct Hazard | |
| 1725 | Quercus berberidifolia | California scrub oak | 2 | 7 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 12 25 | 6 30 | Good | Good | Native | Yes Yes | Direct | |
| 1726 | Sambucus mexicana | Blue elderberry | 2 | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Dead | Dead | Hazard | Yes | Hazard | |
| 1734 | Quercus agrifolia | Coast live oak | 8 | 7 | 4 | 5 | 2 | 8 | 5 | 5 | 3 | 30 | 20 | Fair | Fair | Native | Yes | Direct | |
| 1735 | Quercus agrifolia | Coast live oak | 3 | 16 | 18 | 12 | 0 | 0 | 0 | 0 | 0 | 30 | 25 | Dead | Dead | Hazard | Yes | Hazard | Resprout |
| 1736 | Heteromeles arbutifolia | Toyon | 8 | 4 | 3 | 4 | 4 | 3 | 2 | 2 | 3 | 15 | 25 | Good | Good | Undersized | Yes | Direct | |
| 1738 | Quercus berberidifolia | California scrub oak | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 8 | Good | Good | Undersized | Yes | Direct | |
| 1739 | Quercus berberidifolia | California scrub oak | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 20 | Good | Good | Undersized | Yes | Direct | |
| 1745 1746 | Quercus berberidifolia | California scrub oak | 7 | 3 5 | 2 4 | 2 | 5 | 3 | 2 | 2 | 0 | 13 | 15 20 | Good | Good | Undersized | Yes | Direct | |
| 1746 | Quercus berberidifolia Quercus berberidifolia | California scrub oak | 4 | 6 | 5 | 5 | 4 | 0 | 0 | 0 | 0 | 20 15 | 10 | Good Good | Good Good | Undersized Native | Yes Yes | Direct Direct | |
| 1747 | Quercus berberidifolia | California scrub oak | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 16 | 15 | Good | Good | Undersized | Yes | Direct | |
| 1749 | Quercus berberidifolia | California scrub oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 6 | Good | Good | Undersized | Yes | Direct | |
| 1753 | Quercus berberidifolia | California scrub oak | 6 | 5 | 4 | 4 | 3 | 2 | 2 | 0 | 0 | 18 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 1754 | Quercus berberidifolia | California scrub oak | 4 | 7 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 20 | 12 | Good | Good | Native | Yes | Direct | |
| 1755 | Quercus agrifolia | Coast live oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | Good | Good | Undersized | Yes | Direct | |
| 1757.1 | Quercus agrifolia | Coast live oak | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 30 | Fair | Good | Native | Yes | Direct | |
| 1765 | Heteromeles arbutifolia | Toyon Coast live ook | 10 | 4 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 16 | 20 | Good | Good | Undersized | Yes | Direct | DBH 2in,2in |
| 1766 1770 | Quercus agrifolia Quercus berberidifolia | Coast live oak California scrub oak | 7 | 33 5 | 0 5 | 0 | 3 | 0 | 0 | 2 | 0 | 55 20 | 40 15 | Fair Good | Good Good | Native Undersized | Yes Yes | Direct Direct | |
| 1774 | Quercus berberiaifolia Ouercus berberidifolia | California scrub oak | 3 | 7 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 12 | 15 | Good | Good | Undersized | Yes | Direct | |
| 1775 | Quercus berberidifolia | California scrub oak | 3 | 3 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 14 | 6 | Good | Good | Undersized | Yes | Direct | |
| 1780 | Quercus berberidifolia | California scrub oak | 2 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 10 | Good | Good | Undersized | Yes | Direct | |
| 1790 | Quercus berberidifolia | California scrub oak | 3 | 4 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 12 | 15 | Good | Good | Undersized | Yes | Direct | |
| 1791 | Quercus berberidifolia | California scrub oak | 11 | 5 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 17 | 20 | Good | Good | Undersized | Yes | Direct | DBH 3in,3in,3in |
| 1792 | Quercus berberidifolia | California scrub oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 | Good | Good | Undersized | Yes | Direct | |
| 1793 | Quercus berberidifolia | California scrub oak | 9 | 6 | 5 | 4 | 3 | 4 | 3 | 5 | 2 | 20 | 20 | Good | Good | Native | Yes | Direct | DBH 2in |
| 1794 1795 | Quercus agrifolia | Coast live oak | 2 | 17 4 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 40 20 | 25 | Good | Good | Native | Yes | Direct | |
| 1795 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 3 2 | 15 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 15 20 | Good Good | Good Good | Undersized Native | Yes Yes | Direct Direct | <u> </u> |
| 1796 | Quercus berberidifolia | California scrub oak | 4 | 4 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 18 | 10 | Good | Good | Undersized | Yes | Direct | |
| 1797 | Quercus berberidifolia | California scrub oak | 8 | 6 | 5 | 3 | 4 | 4 | 4 | 3 | 2 | 25 | 25 | Good | Good | Native | Yes | Direct | |
| 1798 | Quercus berberidifolia | California scrub oak | 2 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 15 | Good | Good | Undersized | Yes | Direct | |
| 1799 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 12 | 15 | Good | Good | Undersized | Yes | Direct | |
| | • | • | | | | | | | | | | | | | | | | • | |

| | | | | | | | | | ix B - Chadv | vick Ranch - | - Tree Inven | | | | | | | | |
|--------------|------------------------------------------------|----------------------------------------------|--------------------|--------|----|----|------------------|-------------|--------------|--------------|--------------|-----------------|-----------------|--------------|--------------|--------------------------|------------|------------------------------|---------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | S3 | Individual S4 | Stems (in.) | S6 | S7 | S8 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 1810 | Quercus berberidifolia | California scrub oak | 5 | 7 | 6 | 6 | 3 | 2 | 0 | 0 | 0 | 20 | 20 | Good | Good | Native | Yes | Direct | |
| 1811 | Quercus berberidifolia | California scrub oak | 7 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 0 | 15 | 29 | Good | Good | Undersized | Yes | Direct | |
| 1812 | Quercus berberidifolia | California scrub oak | 3 | 7 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 20 | 20 | Good | Good | Native | Yes | Direct | |
| 1813 1814 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 3 | 2 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 15 20 | 6 12 | Good Good | Good | Undersized Undersized | Yes Yes | Direct Direct | |
| 1815 | Quercus berberidifolia | California scrub oak | 4 | 6 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 15 | 15 | Good | Good | Native | Yes | Direct | |
| 1816 | Quercus berberidifolia | California scrub oak | 4 | 10 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 18 | 25 | Good | Good | Native | Yes | Direct | |
| 1825 | Quercus berberidifolia | California scrub oak | 7 | 5 | 4 | 4 | 3 | 2 | 3 | 2 | 0 | 16 | 20 | Good | Good | Undersized | Yes | Direct | |
| 1826 | Quercus berberidifolia | California scrub oak | 9 | 6 | 5 | 4 | 4 | 3 | 3 | 3 | 2 | 20 | 25 | Good | Good | Native | Yes | Direct | DBH 2in |
| 1827 1828 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 4 5 | 6 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 17 12 | 15 18 | Good | Good | Native | Yes Yes | Direct Direct | |
| 1828 | Quercus berberidifolia | California scrub oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 8 | Good Good | Good Good | Undersized Undersized | Yes | Direct | |
| 1839 | Quercus berberidifolia | California scrub oak | 5 | 4 | 4 | 3 | 2 | 2 | 0 | 0 | 0 | 15 | 12 | Good | Good | Undersized | Yes | Direct | |
| 1843 | Quercus berberidifolia | California scrub oak | 4 | 4 | 3 | 4 | 3 | 0 | 0 | 0 | 0 | 20 | 12 | Good | Good | Undersized | Yes | Direct | |
| 1844 | Quercus berberidifolia | California scrub oak | 3 | 4 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 17 | 15 | Good | Good | Undersized | Yes | Direct | |
| 1845 1846 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 3 | 3 5 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 14 18 | 12 10 | Good Good | Good | Undersized Undersized | Yes Yes | Encroachment Encroachment | |
| 1847 | Quercus berberiaijolia Ouercus berberiaijolia | California scrub oak | 2 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 10 | Good | Good | Undersized | Yes | Encroachment | |
| 1848 | Quercus berberidifolia | California scrub oak | 3 | 3 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 14 | 10 | Good | Good | Undersized | Yes | Indirect | |
| 1849 | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 | Good | Good | Undersized | Yes | Indirect | |
| 1850 | Quercus berberidifolia | California scrub oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 | Good | Good | Undersized | Yes | Indirect | |
| 1855 | Quercus berberidifolia | California scrub oak | 5 | 4 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 20 | 20 | Good | Good | Undersized | Yes | Encroachment | |
| 1856 1857 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 11 | 3 | 4 | 3 | 3 | 2 | 3 | 0 3 | 2 | 12 18 | 10 20 | Good Good | Good Good | Undersized Undersized | Yes Yes | Encroachment Indirect | DBH 2in,2in,2in |
| 1866 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 12 | 10 | Good | Good | Undersized | Yes | Indirect | 0011 2111,2111,2111 |
| 1869 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 13 | 15 | Good | Good | Undersized | Yes | Direct | |
| 1870 | Quercus berberidifolia | California scrub oak | 6 | 3 | 4 | 3 | 2 | 3 | 3 | 0 | 0 | 15 | 12 | Good | Good | Undersized | Yes | Direct | |
| 1871 | Quercus berberidifolia | California scrub oak | 6 | 3 | 3 | 3 | 2 | 1 | 3 | 0 | 0 | 12 | 15 | Good | Good | Undersized | Yes | Direct | |
| 1875 1876 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 9 | 3 | 5 | 5 | 3 | 3 | 3 | 3 | 2 | 15 15 | 20 25 | Good Fair | Good Good | Undersized Undersized | Yes Yes | Direct Direct | DBH 2in DBH 2in |
| 1877 | Quercus berberidifolia | California scrub oak | 5 | 4 | 3 | 2 | 1 | 2 | 0 | 0 | 0 | 15 | 12 | Good | Good | Undersized | Yes | Direct | DBH 2IN |
| 1878 | Quercus berberidifolia | California scrub oak | 6 | 5 | 4 | 3 | 3 | 2 | 1 | 0 | 0 | 15 | 15 | Good | Good | Undersized | Yes | Direct | |
| 1879 | Quercus berberidifolia | California scrub oak | 7 | 4 | 3 | 3 | 2 | 3 | 3 | 3 | 0 | 15 | 15 | Good | Good | Undersized | Yes | Direct | |
| 1880 | Quercus berberidifolia | California scrub oak | 9 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 13 | 10 | Good | Good | Undersized | Yes | Direct | DBH 3in |
| 1881 1882 | Quercus berberidifolia | California scrub oak | 12 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 10 | 20 12 | Good | Good | Undersized | Yes | Direct | DBH 2in,2in,2in |
| 1883 | Quercus berberidifolia Ouercus berberidifolia | California scrub oak California scrub oak | 7 | 3 | 3 | 2 | 3 | 2 | 0 | 2 | 0 | 10 12 | 8 | Good Good | Good | Undersized Undersized | Yes Yes | Direct Direct | |
| 1884 | Quercus berberidifolia | California scrub oak | 5 | 4 | 3 | 2 | 3 | 2 | 0 | 0 | 0 | 15 | 12 | Good | Good | Undersized | Yes | Direct | |
| 1885 | Quercus berberidifolia | California scrub oak | 9 | 4 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 12 | 18 | Good | Good | Undersized | Yes | Direct | |
| 1886 | Quercus berberidifolia | California scrub oak | 4 | 4 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 13 | 10 | Good | Good | Undersized | Yes | Direct | |
| 1887 | Quercus berberidifolia | California scrub oak | 7 | 3 | 3 | 2 | 3 | 4 | 2 | 3 | 0 | 15 | 10 | Good | Good | Undersized | Yes | Direct | |
| 1888 1889 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 8 5 | 6 3 | 3 | 3 | 3 4 | 3 | 0 | 0 | 0 | 18 12 | 25 15 | Good Good | Good | Native Undersized | Yes Yes | Direct Direct | |
| 1890 | Quercus berberidifolia | California scrub oak | 8 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 13 | 18 | Good | Good | Undersized | Yes | Direct | |
| 1891 | Quercus berberidifolia | California scrub oak | 4 | 2 | 3 | 4 | 4 | 0 | 0 | 0 | 0 | 15 | 13 | Fair | Fair | Undersized | Yes | Direct | |
| 1892 | Quercus berberidifolia | California scrub oak | 5 | 6 | 5 | 5 | 3 | 2 | 0 | 0 | 0 | 12 | 18 | Poor | Fair | Undersized | Yes | Direct | |
| 1895 | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 9 | Poor | Fair | Native | Yes | Direct | |
| 1896 1897 | Quercus berberidifolia Heteromeles arbutifolia | California scrub oak Tovon | 3 | 3 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 10 20 | 8 16 | Fair Good | Fair Fair | Undersized Native | Yes Yes | Direct Direct | |
| 1898 | Quercus berberidifolia | California scrub oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1899 | Quercus berberidifolia | California scrub oak | 3 | 4 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 13 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1900 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1901 1902 | Quercus berberidifolia | California scrub oak | 4 | 4 | 4 | 4 | 3 | 0 | 0 | 0 | 0 | 11 | 13 | Good | Fair | Undersized | Yes | Direct | |
| 1902 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 13 15 | 15 10 | Good Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1903 | Quercus berberidifolia | California scrub oak | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1905 | Quercus berberidifolia | California scrub oak | 3 | 5 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 15 | 17 | Fair | Fair | Undersized | Yes | Direct | |
| 1906 | Quercus berberidifolia | California scrub oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 1907 | Quercus berberidifolia | California scrub oak | 6 | 6 | 5 | 8 | 8 | 4 | 7 | 0 | 0 | 28 | 20 | Fair | Fair | Native | Yes | Encroachment | |
| 1908 1909 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 3 | 4 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 18 17 | 10 16 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Encroachment Direct | |
| 1910 | Quercus berberidifolia | California scrub oak | 6 | 4 | 5 | 6 | 6 | 3 | 6 | 0 | 0 | 27 | 14 | Poor | Fair | Native | Yes | Direct | |
| 1911 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 4 | Fair | Fair | Undersized | Yes | Direct | <u> </u> |
| 1912 | Quercus berberidifolia | California scrub oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1913 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 1914 1915 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 13 9 | 12 10 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Encroachment Direct | |
| 1915 | Quercus berberidifolia | California scrub oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1917 | Quercus berberidifolia | California scrub oak | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | x B - Chadv | vick Ranch | - Tree Inven | tory Matrix | | | | | | | |
|--------------|--------------------------------------------------|----------------------------------------------|--------------------|------------|-----------|-----------|------------|-----------|-------------|------------|--------------|-------------|-----------------|--------------|--------------|--------------------------|------------|----------------------------------------|------------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | | | | Individual | | S6 | | S8 | Height | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 1918 | Quercus berberidifolia | California scrub oak | or Stems | \$1 | S2 | S3 | S4 | S5 | 0 | S7 | 0 | (ft.) 12 | (it.) | Fair | Fair | Undersized | Yes | Direct | |
| 1919 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1920 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| 1921 | Quercus berberidifolia | California scrub oak | 3 | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 12 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 1922 | Quercus berberidifolia | California scrub oak | 4 | 5 | 5 | 4 | 4 | 0 | 0 | 0 | 0 | 11 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 1923 | Quercus berberidifolia | California scrub oak | 4 | 7 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 17 | 18 | Poor | Fair | Native | Yes | Direct | |
| 1924 | Heteromeles arbutifolia | Toyon | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 17 | 15 | Good | Fair | Undersized | Yes | Direct | |
| 1925 1926 | Quercus berberidifolia Ouercus berberidifolia | California scrub oak California scrub oak | 4 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 10 9 | 6 14 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1927 | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Native | Yes | Direct | |
| 1928 | Quercus berberidifolia | California scrub oak | 7 | 3 | 3 | 3 | 2 | 2 | 3 | 2 | 0 | 15 | 16 | Fair | Fair | Undersized | Yes | Direct | |
| 1929 | Quercus berberidifolia | California scrub oak | 2 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Good | Fair | Undersized | Yes | Direct | |
| 1930 | Quercus berberidifolia | California scrub oak | 3 | 4 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 20 | 20 | Good | Good | Native | Yes | Direct | |
| 1931 | Quercus berberidifolia | California scrub oak | 3 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Good | Undersized | Yes | Direct | |
| 1932 | Quercus berberidifolia | California scrub oak | 6 1 | 5 5 | 5 | 0 | 0 | 3 | 0 | 0 | 0 | 20 | 18 8 | Fair | Good | Undersized | Yes | Direct | |
| 1933 1934 | Quercus berberidifolia Ouercus berberidifolia | California scrub oak California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 10 | 8 | Good Fair | Good | Undersized Undersized | Yes Yes | Direct Direct | |
| 1934 | Quercus berberidifolia | California scrub oak | 2 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 9 | Fair | Good | Undersized | Yes | Direct | |
| 1936 | Quercus berberidifolia | California scrub oak | 8 | 7 | 7 | 3 | 4 | 3 | 3 | 2 | 2 | 20 | 20 | Good | Good | Native | Yes | Direct | |
| 1937 | Quercus berberidifolia | California scrub oak | 8 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 18 | 16 | Good | Good | Undersized | Yes | Direct | |
| 1938 | Quercus berberidifolia | California scrub oak | 2 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 15 | Good | Good | Undersized | Yes | Direct | |
| 1939 | Quercus berberidifolia | California scrub oak | 4 | 4 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 14 | 10 | Fair | Good | Undersized | Yes | Direct | |
| 1940 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 1941 | Quercus berberidifolia | California scrub oak | 1 - | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| 1942 1943 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 5 4 | 3 | 3 | 3 | 2 | 3 | 0 | 0 | 0 | 16 12 | 16 10 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1943 | Quercus berberidifolia | California scrub oak | 6 | 5 | 4 | 3 | 2 | 2 | 1 | 0 | 0 | 10 | 16 | Good | Good | Undersized | Yes | Direct | |
| 1945 | Sambucus mexicana | Blue elderberry | 6 | 4 | 4 | 4 | 3 | 5 | 3 | 0 | 0 | 18 | 15 | Fair | Good | Undersized | Yes | Direct | |
| 1946 | Quercus berberidifolia | California scrub oak | 2 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 8 | Good | Good | Undersized | Yes | Direct | |
| 1947 | Quercus berberidifolia | California scrub oak | 5 | 3 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| 1948 | Quercus agrifolia | Coast live oak | 2 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 15 | Fair | Good | Native | Yes | Direct | |
| 1949 | Quercus berberidifolia | California scrub oak | 5 | 5 | 5 | 3 | 4 | 2 | 0 | 0 | 0 | 18 | 15 | Fair | Good | Undersized | Yes | Direct | |
| 1950 | Heteromeles arbutifolia | Toyon | 9 | 6 | 5 | 4 | 5 | 3 | 4 | 3 | 3 | 18 | 20 | Fair | Good | Native | Yes | Direct | DBH 3in |
| 1951 1952 | Quercus berberidifolia Ouercus berberidifolia | California scrub oak California scrub oak | 3 | 4 5 | 3 | 2 4 | 0 | 0 | 0 | 0 | 0 | 16 10 | 12 12 | Fair Fair | Good | Undersized Undersized | Yes Yes | Direct Direct | |
| 1953 | Quercus berberidifolia | California scrub oak | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 14 | Fair | Fair | Undersized | Yes | Direct | |
| 1954 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| 1955 | Sambucus mexicana | Blue elderberry | 3 | 4 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 17 | 10 | Dead | Dead | Hazard | Yes | Hazard | |
| 1956 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| 1957 | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 15 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1958 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 6 | Fair | Fair | Undersized | Yes | Direct | |
| 1959 1960 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 10 9 | 4 5 | 5 4 | 3 4 | 3 | 3 | 3 | 3 | 3 | 12 17 | 18 18 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | DBH 3in,3in DBH 3in |
| 1961 | Quercus berberidifolia | California scrub oak | 3 | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 18 | 12 | Good | Good | Undersized | Yes | Direct | DBH 3III |
| 1962 | Quercus berberidifolia | California scrub oak | 5 | 9 | 8 | 8 | 7 | 3 | 0 | 0 | 0 | 25 | 30 | Good | Good | Native | Yes | Direct | |
| 1963 | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 8 | Good | Fair | Undersized | Yes | Direct | |
| 1964 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 14 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1965 | Heteromeles arbutifolia | Toyon | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 15 | 13 | Good | Fair | Undersized | Yes | Direct | |
| 1966 | Quercus berberidifolia | California scrub oak | 6 | 3 | 2 | 2 | 2 | 2 | 3 | 0 | 0 | 12 | 10 | Good | Good | Undersized | Yes | Direct | |
| 1967 1968 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 5 3 | 3 | 3 | 3 | 3 0 | 3 | 0 | 0 | 0 | 10 13 | 12 11 | Fair Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1968 | Quercus berberiaijolia Quercus berberidifolia | California scrub oak | 5 | 4 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 13 | 15 | Good | Good | Undersized | Yes | Direct | |
| 1970 | Quercus berberidifolia | California scrub oak | 7 | 4 | 3 | 3 | 3 | 2 | 3 | 2 | 0 | 12 | 18 | Good | Good | Undersized | Yes | Direct | |
| 1971 | Quercus berberidifolia | California scrub oak | 4 | 2 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 12 | 14 | Poor | Fair | Undersized | Yes | Direct | |
| 1971 | Quercus berberidifolia | California scrub oak | 5 | 3 | 2 | 2 | 2 | 3 | 0 | 0 | 0 | 12 | 14 | Poor | Fair | Undersized | Yes | Direct | |
| 1972 | Quercus berberidifolia | California scrub oak | 5 | 3 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 13 | 12 | Poor | Fair | Undersized | Yes | Direct | |
| 1973 | Quercus berberidifolia | California scrub oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| 1974 | Quercus berberidifolia | California scrub oak | 6 | 3 | 3 | 3 | 2 | 4 | 3 | 0 | 0 | 13 | 12 | Poor | Fair | Undersized | Yes | Direct | |
| 1975 1976 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 7 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 0 | 15 7 | 20 13 | Good Fair | Fair Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| 1977 | Quercus berberidifolia | California scrub oak | 3 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 13 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| 1978 | Quercus berberidifolia | California scrub oak | 10 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 18 | 13 | Fair | Fair | Undersized | Yes | Direct | DBH 2in,2in |
| 1979 | Quercus berberidifolia | California scrub oak | 6 | 2 | 2 | 1 | 1 | 2 | 2 | 0 | 0 | 12 | 12 | Good | Fair | Undersized | Yes | Direct | |
| 1980 | Quercus berberidifolia | California scrub oak | 4 | 5 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 18 | 20 | Fair | Fair | Undersized | Yes | Direct | |
| 1981 | Quercus berberidifolia | California scrub oak | 5 | 3 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 11 | 13 | Good | Fair | Undersized | Yes | Preserve in Place | |
| 1982 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 6 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 1983 1984 | Quercus berberidifolia Ouercus herberidifolia | California scrub oak | 3 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 15 13 | 12 | Fair Good | Fair Fair | Undersized | Yes | Preserve in Place Preserve in Place | |
| 1984 | Quercus berberidifolia Ouercus berberidifolia | California scrub oak California scrub oak | 2 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 13 18 | 6 13 | Good | Fair Fair | Undersized Native | Yes | Preserve in Place Preserve in Place | |
| 1303 | Quereus Derberiuijonu | camorrila scrab oak | 1 - | | Ū | | Ū | | | | | 10 | 1 13 | 3000 | Tun | Native | 103 | . reserve in ridee | <u> </u> |

| Teach Common Service Common Servic | | | | | | | | | | ix B - Chadv | vick Ranch - | - Tree Inven | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------|----------------------|----|----|----|----|----|----|--------------|--------------|--------------|----|----|--------|-----------|--------------|--------|-------------------|-------------|
| The content of the | Tree No. | Botanical Name | Common Name | | S1 | S2 | S3 | | | S6 | S7 | S8 | | | Health | Structure | Protected | Native | Disposition | Notes |
| Many Description Control Section Control | 1986 | Quercus agrifolia | Coast live oak | 5 | 12 | 15 | 11 | 10 | 13 | 0 | 0 | 0 | | 20 | Good | Poor | Native | Yes | Preserve in Place | |
| 1983 Security of the control of | | | | | | | | | | | | | | | | | | | | |
| 1909 Development 1 | | | | | | | , | | | | | | | | | | | | | |
| Progress Progress | | | | | | | _ | | | _ | | | | | | | | | | |
| 1909 General and American Act 4 3 1 4 3 7 7 9 0 0 0 1 1 1 1 7 7 1 1 1 1 | | | | | | 2 | | | | | | | | | | | | | | |
| Marie Control American and 1 | | | | | | 3 | | | | | | | | | | | | | | |
| 1984 Discont plenes gridges California soci of a | | | | | | 4 | 2 | | | | | | | | | | | | | |
| Secure Author Control Contro | | | | 10 | 5 | 4 | 3 | 3 | 3 | 3 | | | | | | | | | | DBH 2in,2in |
| 1909 Control performance Control perfo | | Quercus berberidifolia | California scrub oak | | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | | | | Fair | | Yes | Preserve in Place | , |
| Control AndergigNor | 1996 | Heteromeles arbutifolia | Toyon | 6 | 3 | 4 | 3 | 3 | 2 | 2 | 0 | 0 | 11 | 16 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| Sept. Control protectifiely Colling and public 1 | | Quercus berberidifolia | | | | 3 | | - | | 0 | | | | | | | 0 | | | |
| 2002 Control perfective Control perfect | 1330 | | | | | | | | | | | | | | 1 (11) | | | | | |
| Section Control production Control production | | | | | | | | | | | | | | | | | | | | |
| Accordance agentifies Country for each 1 12 0 0 0 0 0 0 0 23 12 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| Accordance of the continue o | | | | | | | | | | | | | | | | | | | | |
| Approx Control profiles Control residue 1 23 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| 2935 Control of the real 2 | | | | | | | | | | | | | | | | | | | | |
| 2005 Operand perioring California surph acids 4 | 2004 | | Coast live oak | 2 | | 6 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | |
| 2005 Operand perioring California surph acids 4 | 2005 | | | 2 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | | | | | | | |
| Description Control performal (performal | | Quercus berberidifolia | | | 4 | 3 | | - | - | _ | | - | 15 | 12 | | | Undersized | Yes | | |
| Appendix Appendix California scrub oals 8 | | | | | | | | | | | | | | | | | | | | |
| Approximate protection Approximate protect | | | | | | _ | | | | | | | | | | | | | | |
| 2012 Concress deterherality Conforms served with St. 4 | 2003 | | | | | | , | | | | | | | | | | | | | |
| 2012 Approximate production Collisions such as a collision | | | | | | | | | | | | | | | | | | | | |
| 1915 General pertendifficial California scrib aisk 1 | | | | | | , | , | | | | | | | | | | | | | |
| Querta perferrentified Cultifornia sycamone 4 | | | | | | | | | | | | | | | | | | | | |
| 2015 Potent intermental California systemate 4 4 10 9 10 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| 2015 Colorens experience Content Number Content N | | | | | | | | | | | | | | 30 | | | | | | |
| District Sententifolia California strub ask 1 4 0 0 0 0 0 0 0 0 0 | | | | | | | 0 | | | | | | | | | | | | | |
| Sombusco mexicana Blue elderberry 1 7 0 0 0 0 0 0 0 0 0 | 2017 | Quercus berberidifolia | California scrub oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| Sombusca mexicana Blue elderberry 1 6 0 0 0 0 0 0 0 0 0 | 2018 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 6 | Fair | Fair | Undersized | Yes | Encroachment | |
| Decrease bereferrificial Decrease bereferrificial Decrease bereferrificial Decrease bereferrificial Decrease bereferrificial Decrease bereferrificial Cultifornia socub oals 5 | | Sambucus mexicana | | 1 | | 0 | 0 | | | 0 | | | | 7 | | | | | Encroachment | |
| Sombraces mession a Blue elderberry 1 6 0 0 0 0 0 0 0 0 0 | | | | | | | | - | | | | - | | | | | | | | |
| Duercus beneficiality California scrub pak 5 4 4 3 3 3 0 0 0 15 15 15 Good Good Undersized Ves Preserve in Place | | | | | | | | | _ | | | | | | | | 0.110.010.00 | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Duencus berberrigifolia California scrub oak 7 | | | | | | | | | | | | | | | | | | | | |
| 2026 Quercus parpfolio Cast live oak | | | | | | | | | | | | | | | | | | | | |
| 2027 Duerscus berberdriffe California scrub oak 1 7 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| | | | | 1 | | | | | | | | | | | | | | | | |
| 2030 Quercus beredrigloid California scrub oak 7 3 2 2 2 2 2 2 1 0 12 10 Good Good Undersized Yes Preserve in Place | 2028 | Quercus agrifolia | Coast live oak | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 13 | Fair | Fair | Native | Yes | Direct | |
| Quercus berberidifolia California scrub oak 6 3 2 2 2 2 2 2 2 2 2 | 2029 | Sambucus mexicana | Blue elderberry | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 10 | Poor | Poor | Undersized | Yes | Direct | |
| Querus berberidifolia California scrub oak 4 3 2 2 1 0 0 0 0 1 8 Good Good Undersized Yes Preserve in Place | | | | | | 2 | | | 2 | | | | | | | | | | | |
| 2033 Quercus berberidifolia California scrub oak 8 2 2 2 2 2 2 2 2 2 | | .,, | | - | _ | 2 | 2 | | 2 | | | | 10 | | | | | | | |
| Quercus berberidifolia California scrub oak 8 3 2 2 2 2 2 2 2 2 2 | | and the second second | | | | 2 | 2 | _ | - | _ | _ | - | 1 | - | | | 0.100.0100 | | | |
| 2035 Quercus berbeirdifolia California scrub oak 4 3 1 1 1 0 0 0 0 0 10 10 Fair Good Undersized Yes Preserve in Place | | | | | | | | | | | | | | | | | | | | |
| 2036 Quercus berberidifolia California scrub oak 3 3 2 1 0 0 0 0 0 0 8 12 Good Good Undersized Yes Indirect | | | | | | | | | _ | | | | | | | | | | | |
| 2037 Quercus berberidifolia California scrub oak 3 3 3 2 0 0 0 0 0 14 12 Good Good Undersized Yes Indirect | | | | | | | | | | | | | | | | | | | | |
| Quercus berberidifolia California scrub oak 7 5 6 4 3 2 9 8 0 28 25 Good Good Native Yes Indirect | | | | | | | | | | | | | | | | | | | | |
| Quercus berberidifolia California scrub oak 3 9 7 7 0 0 0 0 0 0 0 18 Good Good Native Yes Indirect | | | | | | 6 | 4 | | | | | | | | | | | | | |
| 2040 Quercus berberidifolia California scrub oak 6 6 6 3 3 3 3 3 4 0 0 0 15 15 Good Good Native Yes Indirect | | | | 3 | | 7 | 7 | 0 | 0 | 0 | | | | | | | | | | |
| Sambucus mexicana Blue elderberry 2 10 13 0 0 0 0 0 0 0 15 19 Poor Poor Native Yes Direct | | Quercus berberidifolia | | 6 | | 3 | 3 | | | | | | | | | | | | Indirect | |
| 2043 Quercus berberidifolia California scrub oak 5 3 4 3 3 2 0 0 0 17 19 Poor Fair Undersized Yes Direct | | | | 1 | | - | _ | | - | _ | | - | | - | | | | | | |
| 2044 Quercus berberidifolia California scrub oak 2 3 4 0 0 0 0 0 17 13 Fair Fair Undersized Yes Direct 2045 Quercus berberidifolia California scrub oak 4 4 3 3 5 0 0 0 19 15 Fair Fair Undersized Yes Indirect 2046 Quercus berberidifolia California scrub oak 5 2 4 3 3 3 0 0 0 19 15 Fair Fair Undersized Yes Direct 2047 Quercus berberidifolia California scrub oak 2 4 2 0 0 0 0 0 13 10 Fair Fair Fair Undersized Yes Direct 2048 Quercus berberidifolia California scrub oak 1 4 0 0 0 0 13 6 Fair | | | | | | | | | | | | | | | | | | | | |
| 2045 Quercus berberidifolia California scrub oak 4 4 3 3 5 0 0 0 0 19 15 Fair Fair Undersized Yes Indirect | | | | | | | | | | | | | | | | | | | | |
| 2046 Quercus berberidifolia California scrub oak 5 2 4 3 3 3 0 0 0 19 15 Fair Fair Fair Undersized Yes Direct 2047 Quercus berberidifolia California scrub oak 2 4 2 0 0 0 0 0 13 10 Fair Fair Undersized Yes Encroachment 2048 Quercus berberidifolia California scrub oak 4 3 4 4 4 0 0 0 0 15 13 Fair Fair Undersized Yes Direct 2049 Quercus berberidifolia California scrub oak 1 4 0 0 0 0 13 6 Fair Fair Undersized Yes Direct 2050 Quercus berberidifolia California scrub oak 1 4 0 0 0 0 0 13 6 Fair Fair Fair Undersized Yes Direct 2051 Quercus berberidifo | | | | | | | | | | | | | | | | | | | | |
| 2047 Quercus berberidifolia California scrub oak 2 4 2 0 0 0 0 0 0 13 10 Fair Fair Undersized Yes Encroachment | | | | | | - | | | | | | - | | | | | 0.100.0100 | | | |
| 2048 Quercus berberidifolia California scrub oak 4 3 4 4 4 0 0 0 0 15 13 Fair Fair Undersized Yes Direct 2049 Quercus berberidifolia California scrub oak 1 4 0 0 0 0 0 0 13 6 Fair Fair Undersized Yes Direct 2050 Quercus berberidifolia California scrub oak 1 3 0 0 0 0 0 10 6 Good Good Undersized Yes Indirect 2051 Quercus berberidifolia California scrub oak 4 4 3 1 1 0 0 0 12 12 Fair Good Undersized Yes Indirect 2052 Quercus berberidifolia California scrub oak 3 3 3 2 0 0 0 12 12 Fair Good | | Question tententing and | | _ | | | _ | _ | _ | | | | | | | | 0 | | | |
| 2049 Quercus berberidifolia California scrub oak 1 4 0 0 0 0 0 0 13 6 Fair Fair Undersized Yes Direct 2050 Quercus berberidifolia California scrub oak 1 3 0 0 0 0 0 10 6 Good Good Undersized Yes Indirect 2051 Quercus berberidifolia California scrub oak 4 4 3 1 1 0 0 0 12 12 Fair Good Undersized Yes Indirect 2052 Quercus berberidifolia California scrub oak 3 3 3 2 0 0 0 0 12 12 Fair Good Undersized Yes Indirect | | | | | | | | | | | | | | | | | | | | |
| 2050 Quercus berberidifolia California scrub oak 1 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10 6 Good Undersized Yes Indirect 2051 Quercus berberidifolia California scrub oak 4 4 3 1 1 0 0 0 12 12 Fair Good Undersized Yes Indirect 2052 Quercus berberidifolia California scrub oak 3 3 3 2 0 0 0 0 15 12 Good Undersized Yes Indirect | | | | | | | | | | | | | | | | | | | | |
| 2051 Quercus berberidifolia California scrub oak 4 4 3 1 1 0 0 0 12 12 Fair Good Undersized Yes Indirect 2052 Quercus berberidifolia California scrub oak 3 3 3 2 0 0 0 0 15 12 Good Good Undersized Yes Indirect | 2050 | | | | | 0 | 0 | 0 | | 0 | 0 | | | 6 | | Good | | | Indirect | |
| | | | | 4 | | | | | | | | | | 12 | | | | | | |
| 2053 Quercus berberidifolia California scrub oak 6 2 1 1 1 1 1 0 0 8 6 Good Good Undersized Yes Direct | | | | | | | 2 | | | 0 | | | | | | | | | | |
| | 2053 | Quercus berberidifolia | California scrub oak | 6 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 8 | 6 | Good | Good | Undersized | Yes | Direct | |

| 2055 Qu 2056 Qu 2057 Qu 2058 Qu | Botanical Name Quercus berberidifolia Quercus berberidifolia | Common Name California scrub oak | Number of Stems | S1 | S2 | S3 | Individual S4 | | | | | Height | Canopy | Health | Structure | Protected | | | |
|------------------------------------------|--------------------------------------------------------------|----------------------------------------------|--------------------|----------|---------|--------|------------------|----|----|----|----|----------|----------|--------------|--------------|--------------------------|------------|-------------------|---------------------|
| 2055 Qu 2056 Qu 2057 Qu 2058 Qu | | California scrub oak | - | | | | | S5 | S6 | S7 | S8 | (ft.) | (ft.) | пеанн | Structure | Protected | Native | Disposition | Notes |
| 2055 Qu 2056 Qu 2057 Qu 2058 Qu | | | 5 | 4 | 3 | 2 | 2 | 3 | 0 | 0 | 0 | 10 | 10 | Good | Good | Undersized | Yes | Direct | |
| 2057 Qi 2058 Qi | | California scrub oak | 4 | 3 | 3 | 4 | 2 | 0 | 0 | 0 | 0 | 13 | 10 | Fair | Fair | Undersized | Yes | Direct | |
| 2058 Q | Quercus berberidifolia | California scrub oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 10 | Good | Good | Undersized | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 8 | 5 | 4 | 4 | 3 | 5 | 4 | 2 | 3 | 25 | 25 | Good | Good | Undersized | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 4 | 3 | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 17 | 13 | Fair | Fair | Undersized | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 3 | 7 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 15 | 18 | Fair | Fair | Native | Yes | Direct | |
| | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 4 5 | 3 | 2 | 6 4 | 3 | 0 | 0 | 0 | 0 | 17 15 | 15 12 | Fair Good | Fair Good | Native Undersized | Yes Yes | Direct Direct | |
| | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 14 | 11 | Fair | Fair | Undersized | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 10 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 19 | 15 | Fair | Fair | Undersized | Yes | Direct | DBH 2in,2in |
| | Quercus berberidifolia | California scrub oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 12 | Fair | Fair | Undersized | Yes | Direct | DON EMJEM |
| | Quercus berberidifolia | California scrub oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| 2066 Q | Quercus berberidifolia | California scrub oak | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 2 | 9 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 22 | Fair | Fair | Native | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 7 | Fair | Fair | Undersized | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 7 | 3 | 3 | 3 | 0 | 2 | 0 | 0 | 0 | 14 | 13 16 | Fair | Fair | Undersized | Yes | Direct | |
| | Quercus berberidifolia Heteromeles arbutifolia | California scrub oak Toyon | 11 | 6 | 5 | 4 | 3 4 | 3 | 3 | 3 | 3 | 16 25 | 20 | Fair Good | Good Good | Native Native | Yes Yes | Direct Direct | DBH 3in,3in,3in |
| | Heteromeles arbutifolia | Toyon | 6 | 6 | 5 | 4 | 5 | 4 | 3 | 0 | 0 | 16 | 18 | Good | Good | Native | Yes | Direct | DBH 3III,3III,3III |
| | Quercus berberidifolia | California scrub oak | 6 | 3 | 4 | 4 | 3 | 2 | 2 | 0 | 0 | 14 | 10 | Good | Good | Undersized | Yes | Direct | |
| | Sambucus mexicana | Blue elderberry | 3 | 9 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 16 | 10 | Dead | Dead | Hazard | Yes | Hazard | |
| | Quercus berberidifolia | California scrub oak | 8 | 6 | 5 | 4 | 3 | 3 | 2 | 2 | 2 | 22 | 18 | Good | Good | Native | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 8 | Good | Good | Native | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 3 | 6 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 15 | 20 | Good | Good | Native | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Good | Good | Undersized | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 5 | 2 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 10 | 14 | Good | Good | Undersized | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 1 | 5 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 16 | 10 | Fair | Good | Undersized | Yes | Direct | |
| | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 3 | 5 5 | 3 | 3 | 3 0 | 0 | 0 | 0 | 0 | 15 18 | 20 15 | Fair Good | Good Good | Undersized Undersized | Yes Yes | Direct Direct | |
| | Quercus berberidifolia | California scrub oak | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 14 | 12 | Fair | Fair | Undersized | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 13 | Fair | Fair | Undersized | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 3 | 4 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 13 | 17 | Poor | Poor | Undersized | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 8 | Fair | Fair | Undersized | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 4 | 3 | 4 | 3 | 4 | 0 | 0 | 0 | 0 | 14 | 18 | Fair | Fair | Undersized | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 9 | Fair | Fair | Undersized | Yes | Direct | |
| | Quercus agrifolia | Coast live oak | 4 | 16 | 14 | 20 | 4 | 0 | 0 | 0 | 0 | 45 | 49 | Good | Good | Native | Yes | Direct | |
| | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 2 | 30 15 | 28 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 27 | 55 12 | Good Good | Good Good | Native Native | Yes Yes | Direct Direct | |
| | Quercus agrifolia | Coast live oak | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 40 | Good | Poor | Native | Yes | Direct | |
| | Quercus agrifolia | Coast live oak | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 30 | Fair | Good | Native | Yes | Direct | |
| | Quercus agrifolia | Coast live oak | 4 | 25 | 2 | 2 | 5 | 0 | 0 | 0 | 0 | 40 | 25 | Good | Good | Native | Yes | Direct | |
| | Quercus agrifolia | Coast live oak | 2 | 11 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 18 | Good | Good | Native | Yes | Direct | |
| | Quercus agrifolia | Coast live oak | 2 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 10 | Fair | Good | Undersized | Yes | Direct | |
| | Platanus racemosa | California sycamore | 1 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 30 | Fair | Good | Native | Yes | Direct | |
| | Heteromeles arbutifolia | Toyon | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 10 | Fair | Good | Undersized | Yes | Direct | |
| | Platanus racemosa | California sycamore | 1 | 10 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 20 35 | Good | Fair | Native | Yes | Direct | |
| | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 1 | 20 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 40 | 35 28 | Good Good | Fair Fair | Native Native | Yes Yes | Direct Direct | |
| | Quercus agrifolia Quercus agrifolia | Coast live oak | 1 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 35 | Good | Fair | Native | Yes | Encroachment | |
| | Quercus agrifolia | Coast live oak | 2 | 33 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 45 | Good | Fair | Native | Yes | Direct | |
| | Platanus racemosa | California sycamore | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 40 | Good | Good | Native | Yes | Direct | |
| | Platanus racemosa | California sycamore | 2 | 14 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 45 | Good | Fair | Native | Yes | Direct | |
| | Heteromeles arbutifolia | Toyon | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 3 | 3 | 30 | 35 | Good | Fair | Native | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 2 | 6 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 20 | Good | Fair | Native | Yes | Direct | |
| | Quercus agrifolia | Coast live oak | 3 | 14 | 14 | 15 | 0 | 0 | 0 | 0 | 0 | 25 | 25 | Good | Fair | Native | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 13 | 5 | 5 | 3 | 3 | 3 | 3 | 2 | 2 | 20 | 20 | Fair | Fair | Undersized | Yes | Direct | DBH 2in,2in,2in,2in |
| | Quercus agrifolia Quercus berberidifolia | Coast live oak California scrub oak | 9 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 15 15 | 7 12 | Poor Good | Poor Fair | Undersized Undersized | Yes Yes | Direct Direct | |
| | Quercus berberiaifolia | California scrub oak | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 9 | Poor | Poor | Undersized | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 3 | 4 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 16 | 15 | Fair | Fair | Undersized | Yes | Direct | |
| | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | Fair | Poor | Native | Yes | Preserve in Place | |
| | Quercus agrifolia | Coast live oak | 1 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 30 | Good | Fair | Native | Yes | Preserve in Place | |
| | Quercus agrifolia | Coast live oak | 3 | 16 | 8 | 9 | 0 | 0 | 0 | 0 | 0 | 50 | 25 | Fair | Fair | Native | Yes | Indirect | |
| | Quercus agrifolia | Coast live oak | 2 | 18 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 30 | Fair | Fair | Native | Yes | Encroachment | |
| | Quercus agrifolia | Coast live oak | 1 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 35 | Fair | Fair | Native | Yes | Preserve in Place | |
| | Quercus agrifolia | Coast live oak | 2 | 18 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 25 | Poor | Poor | Native | Yes | Indirect | 1 dead trunk |
| 2122 Q | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 8 | Fair | Fair | Undersized | Yes | Preserve in Place | |

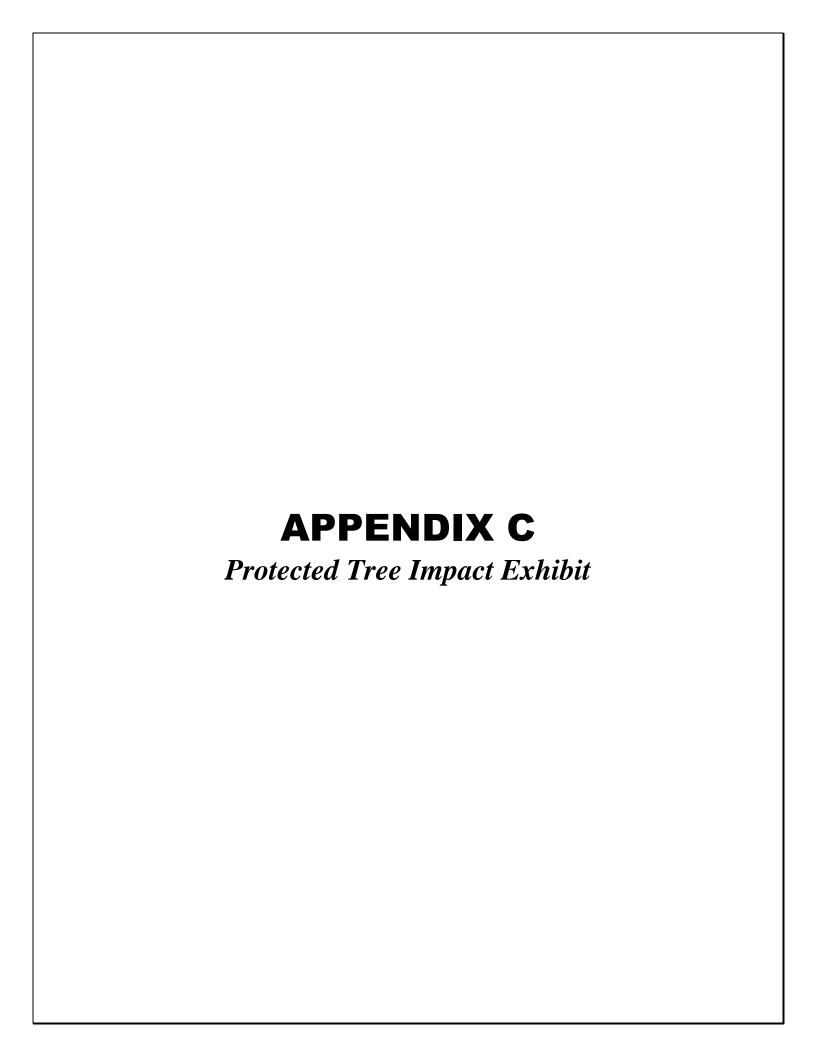
| | | | | | | | | | ix B - Chadv | vick Ranch - | - Tree Inven | | | | | | | | |
|--------------|------------------------------------------------|----------------------------------------------|--------------------|----------|---------|---------|------------------|-------------------|--------------|--------------|--------------|-----------------|-----------------|--------------|--------------|------------------|------------|----------------------------------------|--------------------------------------------------|
| Tree No. | Botanical Name | Common Name | Number of Stems | S1 | S2 | S3 | Individual S4 | Stems (in.) S5 | S6 | S7 | S8 | Height (ft.) | Canopy (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 2123 | Quercus agrifolia | Coast live oak | 2 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Good | Fair | Native | Yes | Preserve in Place | |
| 2124 | Quercus agrifolia | Coast live oak | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 15 | Fair | Fair | Native | Yes | Preserve in Place | |
| 2125 | Quercus berberidifolia | California scrub oak | 3 | 4 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 15 | 8 | Good | Fair | Native | Yes | Preserve in Place | |
| 2126 | Quercus berberidifolia | California scrub oak | 3 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | Fair | Fair | Native | Yes | Preserve in Place | |
| 2127 | Quercus berberidifolia | California scrub oak | 3 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 10 | 8 | Fair | Poor | Native | Yes | Preserve in Place | |
| 2128 2129 | Quercus berberidifolia Quercus berberidifolia | California scrub oak California scrub oak | 3 | 4 8 | 4 | - 2 | 0 | 0 | 0 | 0 | 0 | 10 15 | 8 | Fair Fair | Fair Fair | Native Native | Yes Yes | Preserve in Place Preserve in Place | |
| 2130 | Quercus berberidifolia | California scrub oak | 10 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 10 | 10 | Fair | Fair | Undersized | Yes | Preserve in Place | passible tagged before |
| 2131 | Quercus berberidifolia | California scrub oak | 5 | 4 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 18 | 15 | Fair | Fair | Native | Yes | Preserve in Place | possible tagged before |
| 2132 | Quercus agrifolia | Coast live oak | 3 | 28 | 20 | 5 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Poor | Poor | Native | Yes | Indirect | tree uprooted; may have previously |
| 2133 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 8 | Fair | Fair | Native | Yes | Indirect | may have previously inventory |
| 2134 | Quercus agrifolia | Coast live oak | 4 | 7 | 6 | 5 | 4 | 0 | 0 | 0 | 0 | 20 | 20 | Fair | Fair | Native | Yes | Indirect | .,,, |
| 2135 | Quercus agrifolia | Coast live oak | 1 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 2136 | Quercus agrifolia | Coast live oak | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 2137 | Quercus agrifolia | Coast live oak | 1 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 30 | Fair | Fair | Native | Yes | Indirect | |
| 2138 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | Good | Fair | Native | Yes | Encroachment | |
| 2139 | Quercus agrifolia | Coast live oak | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Native | Yes | Encroachment | |
| 2140 | Quercus agrifolia | Coast live oak | 2 | 12 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 12 | Fair | Fair | Native | Yes | Direct | |
| 2141 | Quercus agrifolia | Coast live oak | 3 | 7 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Poor | Poor Fair | Native | Yes | Direct | |
| 2142 | Quercus agrifolia | Coast live oak | 1 | 14 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 18 | 20 10 | Fair Poor | Poor | Native | Yes Yes | Direct Direct | |
| 2143 | Quercus agrifolia Quercus agrifolia | Coast live oak Coast live oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 10 | Poor | Poor | Native Native | Yes | Direct | broken out top; possible retag |
| 2144 | Quercus agrifolia | Coast live oak | 3 | 18 | 15 | 15 | 0 | 0 | 0 | 0 | 0 | 1 | 10 | Dead | Dead | Native | Yes | Direct | unroated |
| 2145 | Quercus berberidifolia | California scrub oak | 3 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 15 | 8 | Fair | Poor | Native | Yes | Encroachment | uprooted; |
| 2147 | Quercus agrifolia | Coast live oak | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 10 | Poor | Poor | Native | Yes | Indirect | broken top |
| 2148 | Quercus agrifolia | Coast live oak | 3 | 19 | 18 | 15 | 0 | 0 | 0 | 0 | 0 | 20 | 18 | Fair | Poor | Native | Yes | Indirect | broken top |
| 2149 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 8 | Good | Fair | Native | Yes | Indirect | |
| 2150 | Quercus berberidifolia | California scrub oak | 3 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 12 | 15 | Fair | Poor | Native | Yes | Indirect | |
| 2151 | Quercus agrifolia | Coast live oak | 3 | 22 | 19 | 18 | 0 | 0 | 0 | 0 | 0 | 45 | 40 | Good | Fair | Native | Yes | Indirect | |
| 2152 | Quercus agrifolia | Coast live oak | 3 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 12 | 10 | Fair | Fair | Native | Yes | Indirect | |
| 2153 | Quercus berberidifolia | California scrub oak | 6 | 4 | 3 | 2 | 2 | 2 | 2 | 0 | 0 | 12 | 18 | Fair | Fair | Native | Yes | Indirect | |
| 2154 | Quercus berberidifolia | California scrub oak | 3 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 2155 | Quercus agrifolia | Coast live oak | 3 | 17 | 9 | 5 | 0 | 0 | 0 | 0 | 0 | 20 | 2 | Dead | Dead | Native | Yes | Indirect | |
| 2156 2157 | Quercus agrifolia | Coast live oak Coast live oak | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 1 | Dead Fair | Dead Fair | Native Native | Yes | Indirect Indirect | |
| 2157 | Quercus agrifolia Ouercus agrifolia | Coast live oak | 2 | 18 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 30 18 | 25 15 | Fair | Poor | Native Native | Yes Yes | Indirect | |
| 2159 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | Fair | Fair | Native | Yes | Indirect | |
| 2160 | Quercus agrifolia | Coast live oak | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 10 | Poor | Fair | Undersized | Yes | Indirect | |
| 2161 | Quercus agrifolia | Coast live oak | 1 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 30 | Fair | Fair | Native | Yes | Indirect | |
| 2162 | Quercus agrifolia | Coast live oak | 2 | 16 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 20 | Fair | Poor | Native | Yes | Indirect | |
| 2163 | Quercus agrifolia | Coast live oak | 2 | 14 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 2164 | Quercus agrifolia | Coast live oak | 2 | 17 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 30 | Fair | Fair | Native | Yes | Indirect | |
| 2165 | Quercus agrifolia | Coast live oak | 2 | 29 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 35 | Fair | Poor | Native | Yes | Indirect | |
| 2166 | Quercus agrifolia | Coast live oak | 4 | 6 | 3 | 1 | 1 | 2 | 0 | 0 | 0 | 24 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 2167 | Quercus agrifolia | Coast live oak | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 2168 | Quercus agrifolia | Coast live oak | 2 | 11 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 2169 | Quercus agrifolia | Coast live oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 10 | Fair | Fair | Native | Yes | Indirect | |
| 2170 | Platanus racemosa | California sycamore | 4 | 30 9 | 16 6 | 16 4 | 18 0 | 0 | 0 | 0 | 0 | 45 15 | 50 | Fair Fair | Fair Fair | Native | Yes | Preserve in Place | |
| 2171 | Quercus agrifolia Platanus racemosa | Coast live oak California sycamore | 4 | 17 | 15 | 15 | 13 | 0 | 0 | 0 | 0 | 15 45 | 15 35 | Fair Fair | Fair Fair | Native Native | Yes Yes | Indirect Indirect | |
| 2172 | Quercus agrifolia | Coast live oak | 2 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 12 | Fair | Fair | Native | Yes | Indirect | |
| 2173 | Quercus agrifolia | Coast live oak | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 20 | Fair | Poor | Native | Yes | Indirect | |
| 2175 | Quercus agrifolia | Coast live oak | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 2176 | Quercus agrifolia | Coast live oak | 3 | 28 | 21 | 17 | 0 | 0 | 0 | 0 | 0 | 55 | 45 | Fair | Fair | Native | Yes | Indirect | |
| 2177 | Quercus berberidifolia | California scrub oak | 4 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 15 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 2178 | Quercus agrifolia | Coast live oak | 1 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | Poor | Poor | Native | Yes | Indirect | broken top |
| 2179 | Quercus berberidifolia | California scrub oak | 2 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 2180 | Quercus agrifolia | Coast live oak | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 2181 | Quercus agrifolia | Coast live oak | 3 | 22 | 14 | 12 | 0 | 0 | 0 | 0 | 0 | 45 | 35 | Good | Fair | Native | Yes | Indirect | |
| 2182 | Quercus berberidifolia | California scrub oak | 3 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | Fair | Fair | Undersized | Yes | Indirect | |
| 2183 | Quercus agrifolia | Coast live oak | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 6 | Good Fair | Fair Fair | Undersized | Yes | Indirect | |
| 2184 | Quercus agrifolia | Coast live oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 6 | | | Native | Yes | Indirect | |
| 2185 2186 | Quercus agrifolia | Coast live oak | 3 | 20 5 | 17 4 | 12 4 | 0 | 0 | 0 | 0 | 0 | 30 15 | 30 15 | Fair Fair | Poor Fair | Native Native | Yes | Indirect | |
| 2186 | Quercus berberidifolia Quercus agrifolia | California scrub oak Coast live oak | 5 | 19 | 12 | 9 | 6 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Poor | Native Native | Yes Yes | Indirect Indirect | |
| 2187 | Quercus agrifolia Quercus berberidifolia | California scrub oak | 5 | 6 | 5 | 4 | 3 | 3 | 0 | 0 | 0 | 20 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 2189 | Quercus berberidifolia | California scrub oak | 6 | 5 | 4 | 4 | 4 | 2 | 2 | 0 | 0 | 18 | 20 | Fair | Fair | Native | Yes | Encroachment | |
| 2190 | Quercus agrifolia | Coast live oak | 1 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 30 | Fair | Fair | Native | Yes | Encroachment | |
| | 1 | | | | · | | | | | | | | | | | | | | |

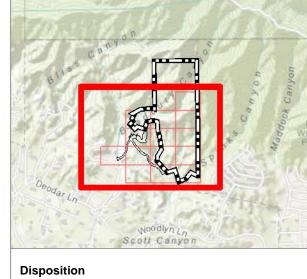
| Second Second No. Second No | | | | | | | | | | ix B - Chadv | vick Ranch - | Tree Inven | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------|----------------------|---|----|-----|----|----|----|--------------|--------------|------------|----|----|--------|-----------|--------------|--------|-------------------|--------------------|
| The controlled property of the control of the con | Tree No. | Botanical Name | Common Name | | S1 | S2 | S3 | | | S6 | S7 | S8 | | | Health | Structure | Protected | Native | Disposition | Notes |
| 1751 | 2191 | Quercus berberidifolia | California scrub oak | 5 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | | 15 | Fair | Fair | Undersized | Yes | Encroachment | |
| 1845 Control Activity Control Co | | | | | | | _ | | - | | | | | | | | | | | |
| 1925 General bear will provide a company of the | | | | | | 2 | 0 | | | | | | | | | | | | | |
| 150 Section Selection 1 | | | | | _ | 1 | 1 | | 0 | | | | | - | | | | | | |
| Company Comp | | | | 2 | | 2 | 0 | | 1 | | | | | | | | | | | |
| Process Conference Confer | | | | 4 | | 1 | 1 | | | | | | | | | | | | | |
| 1202 Control processes 2 | | | | | | 1 | 1 | | 1 | 1 | | | | | | | | | | possible duplicate |
| 2005 Description for the content of the content | | | | 5 | 3 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | | | | | | | | |
| | | | | 7 | | 1 | 1 | | | 1 | | | | | | | | | | |
| 2006 Control profit Control post of the | | | | _ | _ | | | - | | | | _ | | | | | 0.100.0100 | | | |
| 2200 Deverous developable Collection contribute 1 | | | | _ | | | | | - | | | | | | | | 0 | | | |
| Age Control Control | | | | | | | | | | | | | | | | | | | | possible duplicate |
| 2000 Deverous perior surplus of 4 2 2 2 1 0 0 0 0 0 33 13 Fart Fart Understand Net Net Moderate Net Moderate Net Moderate Net Moderate Net Moderate Net Moderate Net N | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 2009 Appendix personnel 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 | 2207 | | | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | | | Fair | | | | | |
| 22721 Cubrers of peritors Control and 2 7 7 7 7 8 0 0 0 0 0 0 15 10 10 | 2208 | Quercus berberidifolia | California scrub oak | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 10 | 18 | Fair | Fair | Undersized | Yes | Indirect | |
| April Control apply Control (most on the case 1 11 1 0 0 0 0 0 0 | | | | | | 7 | | | | | | | | | | | | | | |
| 2221 Agents agription Coast Ne coat 2 17 8 0 0 0 0 0 0 0 0 0 | | | | | _ | 2 | _ | - | - | _ | - | _ | | | | | | | | |
| 2221 Converse performance 1 | | | | | | - | _ | _ | _ | | | | | | | | | | | |
| 2215 Correct applicate scale and | | | | | | - | _ | | - | _ | | _ | | | | | | | | |
| 2225 Guerca performing Cast New Cast 2 | | | | | | | _ | | | | | | | | | | | | | |
| 22272 Guerres applieble Coast live cask 2 6 5 0 0 0 0 0 0 0 0 55 30 50 5 | 2215 | | California scrub oak | 2 | | 1 | 0 | | 0 | 0 | 0 | 0 | | | | Fair | | | Indirect | |
| 2213 Queeza gripfolis Casterna sout oak 3 2 1 1 0 0 0 0 0 0 0 5 7air Fair Valories Ves Indirect Casterna sout oak 1 26 0 0 0 0 0 0 0 0 0 | 2216 | Quercus agrifolia | | 2 | | 5 | 0 | | 0 | 0 | | | | | Fair | Fair | Native | | Indirect | |
| Description Count New paids 1 76 0 0 0 0 0 0 0 0 0 | | | | | | | _ | | | | | | | | | | | | | |
| Particular processing California sycupation 3 6 1 1 0 0 0 0 0 0 0 20 2 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | 2 | | 2 | | | | | | | | | | | | | | |
| 2223 Ourrous agrifolia Coast live eask 1 | | | | 3 | | 6 | | | | | | | | | | | | | | |
| | | | | 1 | | 0 | 0 | | | | | | | | | | | | | |
| Decreus berberridiplo Casterna scrub coak 5 2 1 1 1 1 0 0 0 10 1 | 2224 | Quercus agrifolia | Coast live oak | 5 | 16 | 7 | 8 | 2 | 1 | 0 | 0 | 0 | 35 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 2222 Ourecus agrifule Coast live eak 3 2 2 1 0 0 0 0 15 10 Fair Fair Undersized Ves Preserve in Place 12228 Ourecus agrifule Coast live eak 3 24 22 22 20 0 0 0 0 0 50 40 Fair Fair Native Ves Preserve in Place 12230 Ourecus agrifule Coast live eak 4 17 15 12 11 0 0 0 0 45 25 Fair Fair Native Ves Preserve in Place 12230 Ourecus berberidgiful Casifornia scrulo dak 8 3 2 2 1 1 1 0 0 0 15 20 Fair Fair Undersized Ves Preserve in Place 12232 Ourecus berberidgiful Casifornia scrulo dak 4 4 1 1 1 0 0 0 0 15 70 70 70 70 70 70 70 7 | | | | | | 0 | 0 | | 0 | | | | | | | | | | | |
| 2222 Alexand Sequence 3 24 22 22 0 0 0 0 0 50 40 Fair Fair Native Yes Preserve in Place | | | | | _ | | | | | | | _ | | | | | | | | |
| 2229 Potamus racemosa California sycamore 3 17 7 14 0 0 0 0 0 55 25 Fair Fair Native Yes Preserve in Place | | , , | | | | | | | | | | | | | | | 0.110.010.00 | | | |
| 2230 Quercus perheinfolio Casis tive oak 4 17 15 12 11 0 0 0 0 45 40 Fair Fair Native Ves Preserve in Place 2231 Quercus perheinfolio California scrub oak 6 19 20 15 14 12 0 0 0 0 35 45 Fair Fair Native Ves Preserve in Place 2233 Quercus perheinfolio California scrub oak 4 4 1 1 1 0 0 0 0 0 0 15 Fair Fair Native Ves Preserve in Place 2234 Quercus perheinfolio California scrub oak 3 7 3 1 0 0 0 0 0 0 0 0 18 20 Fair Fair Native Ves Preserve in Place 2235 Quercus perheinfolio California scrub oak 3 7 3 1 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | | | | | | |
| 2231 Quercus pertentifolis California scrub oak 8 3 2 2 1 1 1 0 0 15 20 Fair Fair Undersized Yes Preserve in Place | | | | | | | | | | | | | | | | | | | | |
| 2234 Querus berberidfolia California scrub oak 4 4 1 1 1 0 0 0 0 10 1 | 2231 | | | 8 | | | | | | 1 | | 0 | | | | | | | | |
| 2234 Querus berberidifolia California scrub oals 3 7 3 1 0 0 0 0 0 18 20 Fair Poor Native Ves Preserve in Place 2236 Querus berberidifolia California scrub oals 3 4 5 2 2 2 0 0 0 0 0 15 12 Fair Fair Fair Native Ves Preserve in Place 2236 Querus berberidifolia California scrub oals 6 2 2 2 1 1 1 0 0 15 15 Fair Fair Undersized Ves Preserve in Place 2238 Querus berberidifolia California scrub oals 6 6 2 2 2 1 1 1 0 0 15 15 Fair Fair Undersized Ves Preserve in Place 2238 Querus berberidifolia California scrub oals 6 6 4 4 3 3 3 2 0 0 0 0 15 15 Fair Fair Undersized Ves Preserve in Place 2239 Querus berberidifolia California scrub oals 5 3 3 3 2 1 0 0 0 15 12 Fair Fair Undersized Ves Preserve in Place 2240 Querus berberidifolia California scrub oals 5 3 3 3 2 0 0 0 0 0 12 10 Fair Fair Undersized Ves Preserve in Place 2240 Querus berberidifolia California scrub oals 5 1 1 1 1 1 0 0 0 0 15 12 Fair Fair Undersized Ves Preserve in Place 2241 Querus berberidifolia California scrub oals 5 1 1 1 1 1 0 0 0 0 15 12 Fair Fair Undersized Ves Indirect 2242 Querus berberidifolia California scrub oals 2 4 2 2 0 0 0 0 0 0 15 12 Fair Fair Undersized Ves Indirect 2245 Querus berberidifolia California scrub oals 2 4 2 2 0 0 0 0 0 0 0 10 Fair Fair Undersized Ves Indirect 2246 Querus berberidifolia California scrub oals 5 3 2 2 1 1 0 0 0 0 10 Fair Fair Undersized Ves Indirect 2246 Querus berberidifolia California scrub oals 6 4 3 3 2 2 1 0 0 0 0 15 Fair Fair Undersized Ves Indirect 2247 Querus berberidifolia California s | | Quercus agrifolia | | 6 | | 20 | 15 | 14 | 12 | 0 | 0 | 0 | 35 | | | Poor | | Yes | Preserve in Place | |
| 2236 Quercus berberidifolia California scrub oak 4 5 2 2 2 0 0 0 0 15 12 Fair Fair Native Yes Preserve in Place 2236 Quercus berberidifolia California scrub oak 6 2 2 2 1 1 1 1 0 0 15 15 Fair Fair Native Yes Preserve in Place 2237 Quercus berberidifolia California scrub oak 6 2 2 2 1 1 1 1 0 0 0 15 15 | | | | | | | | | | | | | | | | | | | | |
| 2236 Quercus berberdiffolia California scrub oak 3 4 3 3 3 0 0 0 0 0 0 20 18 Good Fair Native Yes Preserve in Place | | | | | | 3 | | | | | | | | | | | | | | |
| 2237 Quercus berberidifolia California scrub oak 6 2 2 2 2 1 1 1 0 0 0 15 15 Fair Fair Undersized Yes Preserve in Place | | | | | - | - 2 | - | | - | _ | - | _ | | | | | | | | |
| 2238 Quercus berberidifolia California scrub oak 6 6 6 4 4 3 3 3 2 0 0 18 15 Fair Fair Native Yes Preserve in Place | | | | | | 2 | | | 1 | 1 | | | | | | | | | | |
| 2240 Quercus berberidifolia California scrub oak 3 3 3 2 0 0 0 0 0 12 10 Fair Fair Undersized Yes Preserve in Place | | | | | | 4 | _ | | 3 | 2 | | | | | | | | | | |
| 2241 Quercus berberidifolia California scrub oak 5 1 1 1 1 1 1 1 1 1 | | Quercus berberidifolia | California scrub oak | 5 | | 3 | , | | | 0 | | 0 | | | | Fair | Undersized | Yes | Preserve in Place | |
| 2242 Quercus berberidifolia California scrub oak 3 4 3 3 0 0 0 0 0 0 15 20 Fair Fair Native Yes Indirect | | | | | | | | | | , , | | | | | | | | | | |
| 2243 Quercus berberidifolia California scrub oak 2 4 2 0 0 0 0 0 0 0 0 12 10 Fair Fair Native Yes Indirect | | | | | | | | | | | | | | | | | | | | |
| 2244 Quercus berberidifolia California scrub oak 4 3 2 1 1 0 0 0 0 10 10 | | | | | | | , | | | | | | | | | | | | | |
| 2245 Quercus berberidifolia California scrub oak 5 3 2 2 1 1 0 0 0 10 10 | | | | | | | | | | | | | | | | | | | | |
| 2246 Quercus berberidifolia California scrub oak 6 4 3 3 2 2 1 0 0 12 20 Fair Fair Native Yes Indirect | | | | | | 2 | - | | 1 | | | | | | | | | | | |
| 2247 Quercus berberidifolia California scrub oak 5 3 2 2 3 2 0 0 0 15 15 Fair Fair Native Yes Indirect | | | | | | 3 | 3 | | 2 | 1 | | | | | | | | | | |
| 2249 Quercus agrifolia Coast live oak 2 2 1 0 0 0 0 0 0 0 10 7 Good Fair Undersized Yes Indirect | 2247 | Quercus berberidifolia | California scrub oak | 5 | _ | 2 | 2 | 3 | 2 | 0 | 0 | 0 | | 15 | Fair | Fair | Native | | Indirect | |
| 2250 Quercus berberidifolia California scrub oak 6 6 5 3 2 2 2 2 0 0 20 20 | | | | | | 3 | | | | | | | | | | | | | | |
| 2251 Quercus berberidifolia California scrub oak 6 4 4 3 3 2 5 0 0 18 20 Fair Fair Native Yes Indirect | | | | | _ | 1 | | | | | | | | | | | | | | |
| 2274 Quercus berberidifolia California scrub oak 2 4 4 0 0 0 0 0 0 0 12 15 Fair Fair Native Yes Preserve in Place | | | | | | | | | | | | | | | | | | | | |
| 2275 Quercus berberidifolia California scrub oak 2 4 4 0 0 0 0 0 0 0 12 10 Fair Fair Native Yes Indirect | | | | - | | | _ | - | | | - | _ | | | | | | | | |
| 2252 Quercus berberidifolia California scrub oak 8 3 3 4 2 2 1 1 2 16 15 Fair Fair Undersized Yes Indirect 2253 Quercus berberidifolia California scrub oak 3 3 2 4 0 0 0 0 12 10 Good Fair Undersized Yes Indirect 2254 Quercus berberidifolia California scrub oak 4 2 3 1 1 0 0 0 18 15 Good Fair Undersized Yes Indirect 2255 Quercus berberidifolia California scrub oak 4 2 3 1 1 0 0 0 18 15 Good Fair Undersized Yes Indirect 2255 Quercus berberidifolia California scrub oak 3 7 3 2 0 0 0 0 25 20 | | ~ | | | | | _ | _ | | | | | | | | | | | | |
| 2253 Quercus berberidifolia California scrub oak 3 3 2 4 0 0 0 0 12 10 Good Fair Undersized Yes Indirect 2254 Quercus berberidifolia California scrub oak 4 2 3 1 1 0 0 0 18 15 Good Fair Undersized Yes Indirect 2255 Quercus berberidifolia California scrub oak 3 7 3 2 0 0 0 0 25 20 Fair Native Yes Indirect 2256 Quercus berberidifolia California scrub oak 4 6 3 2 4 0 0 0 15 25 Fair Fair Native Yes Indirect | | | | | | | | | | | | | | | | | | | | |
| 2255 Quercus berberidifolia California scrub oak 3 7 3 2 0 0 0 0 25 20 Fair Fair Native Yes Indirect 2256 Quercus berberidifolia California scrub oak 4 6 3 2 4 0 0 0 15 25 Fair Fair Native Yes Indirect | | | | | | | 4 | 0 | 0 | 0 | 0 | | | | | | | | | |
| 2256 Quercus berberidifolia California scrub oak 4 6 3 2 4 0 0 0 0 15 25 Fair Fair Native Yes Indirect | | | | | _ | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | _ | | | | | | | | |
| 2257 Quercus perpendijoniu Caminimia scriub dak 5 4 3 3 0 0 0 0 0 20 20 | | | | | | | _ | | | | | | | | | | | | | |
| · | 2257 | Quercus berberialjolia | Camornia scrub oak | 3 | 4 | 3 | 3 | U | U | U | U | U | 20 | 20 | Good | Fair | ivative | res | indirect | 1 |

Appendix B - Chadwick Ranch - Tree Inventory Matrix

| | | | Number | Individual Stems (in.) | | | | | | Height | Canopy | | a | ! | | a | | | |
|----------|------------------------|----------------------|----------|------------------------|----|----|----|----|----|--------|--------|-------|-------|--------|-----------|------------|--------|-------------------|----------------------|
| Tree No. | Botanical Name | Common Name | of Stems | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | (ft.) | (ft.) | Health | Structure | Protected | Native | Disposition | Notes |
| 2258 | Quercus berberidifolia | California scrub oak | 5 | 4 | 4 | 3 | 1 | 2 | 0 | 0 | 0 | 20 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 2259 | Quercus berberidifolia | California scrub oak | 3 | 5 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Good | Fair | Native | Yes | Indirect | |
| 2260 | Quercus berberidifolia | California scrub oak | 6 | 3 | 2 | 2 | 3 | 1 | 2 | 0 | 0 | 10 | 15 | Fair | Fair | Undersized | Yes | Indirect | |
| 2261 | Quercus berberidifolia | California scrub oak | 3 | 6 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 20 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 2262 | Quercus berberidifolia | California scrub oak | 7 | 4 | 4 | 3 | 2 | 3 | 2 | 1 | 0 | 20 | 25 | Fair | Fair | Native | Yes | Indirect | |
| 2263 | Quercus berberidifolia | California scrub oak | 5 | 4 | 3 | 4 | 2 | 1 | 0 | 0 | 0 | 15 | 15 | Good | Fair | Native | Yes | Indirect | |
| 2264 | Quercus berberidifolia | California scrub oak | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Undersized | Yes | Indirect | |
| 2265 | Quercus berberidifolia | California scrub oak | 4 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 18 | 15 | Fair | Fair | Undersized | Yes | Preserve in Place | |
| 2266 | Quercus berberidifolia | California scrub oak | 5 | 4 | 3 | 2 | 3 | 1 | 0 | 0 | 0 | 20 | 12 | Fair | Fair | Native | Yes | Indirect | |
| 2267 | Quercus berberidifolia | California scrub oak | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 10 | Fair | Fair | Native | Yes | Indirect | |
| 2268 | Quercus berberidifolia | California scrub oak | 3 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 18 | 15 | Good | Fair | Native | Yes | Encroachment | |
| 2269 | Quercus berberidifolia | California scrub oak | 6 | 4 | 2 | 2 | 3 | 1 | 1 | 0 | 0 | 20 | 20 | Fair | Fair | Native | Yes | Indirect | |
| 2270 | Quercus berberidifolia | California scrub oak | 4 | 4 | 4 | 1 | 2 | 0 | 0 | 0 | 0 | 15 | 12 | Fair | Fair | Native | Yes | Preserve in Place | |
| 2271 | Quercus berberidifolia | California scrub oak | 4 | 4 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 15 | 15 | Good | Fair | Native | Yes | Encroachment | |
| 2272 | Quercus berberidifolia | California scrub oak | 3 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Native | Yes | Indirect | |
| 2273 | Quercus berberidifolia | California scrub oak | 6 | 4 | 2 | 2 | 1 | 2 | 1 | 0 | 0 | 20 | 20 | Fair | Fair | Native | Yes | Direct | |
| 2276 | Quercus berberidifolia | California scrub oak | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 8 | Good | Fair | Native | Yes | Preserve in Place | Might be a duplicate |
| 2277 | Quercus berberidifolia | California scrub oak | 3 | 4 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 15 | 10 | Fair | Fair | Native | Yes | Preserve in Place | Might be a duplicate |
| 2278 | Quercus berberidifolia | California scrub oak | 5 | 2 | 3 | 2 | 1 | 2 | 0 | 0 | 0 | 15 | 8 | Good | Fair | Undersized | Yes | Preserve in Place | Might be a duplicate |
| 2279 | Quercus berberidifolia | California scrub oak | 2 | 4 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 12 | Fair | Fair | Native | Yes | Indirect | Might be a duplicate |
| 2280 | Quercus berberidifolia | California scrub oak | 3 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 12 | 15 | Good | Fair | Undersized | Yes | Indirect | Might be a duplicate |
| 2281 | Quercus berberidifolia | California scrub oak | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 10 | Good | Fair | Native | Yes | Indirect | Might be a duplicate |
| 2282 | Quercus berberidifolia | California scrub oak | 4 | 3 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 15 | 15 | Fair | Fair | Undersized | Yes | Indirect | · |

34





- Preserve in Place (178)
- Indirect (596)
- Encroachment (106)
- Direct (1,357)
- Hazard (50)



Permanent (2)

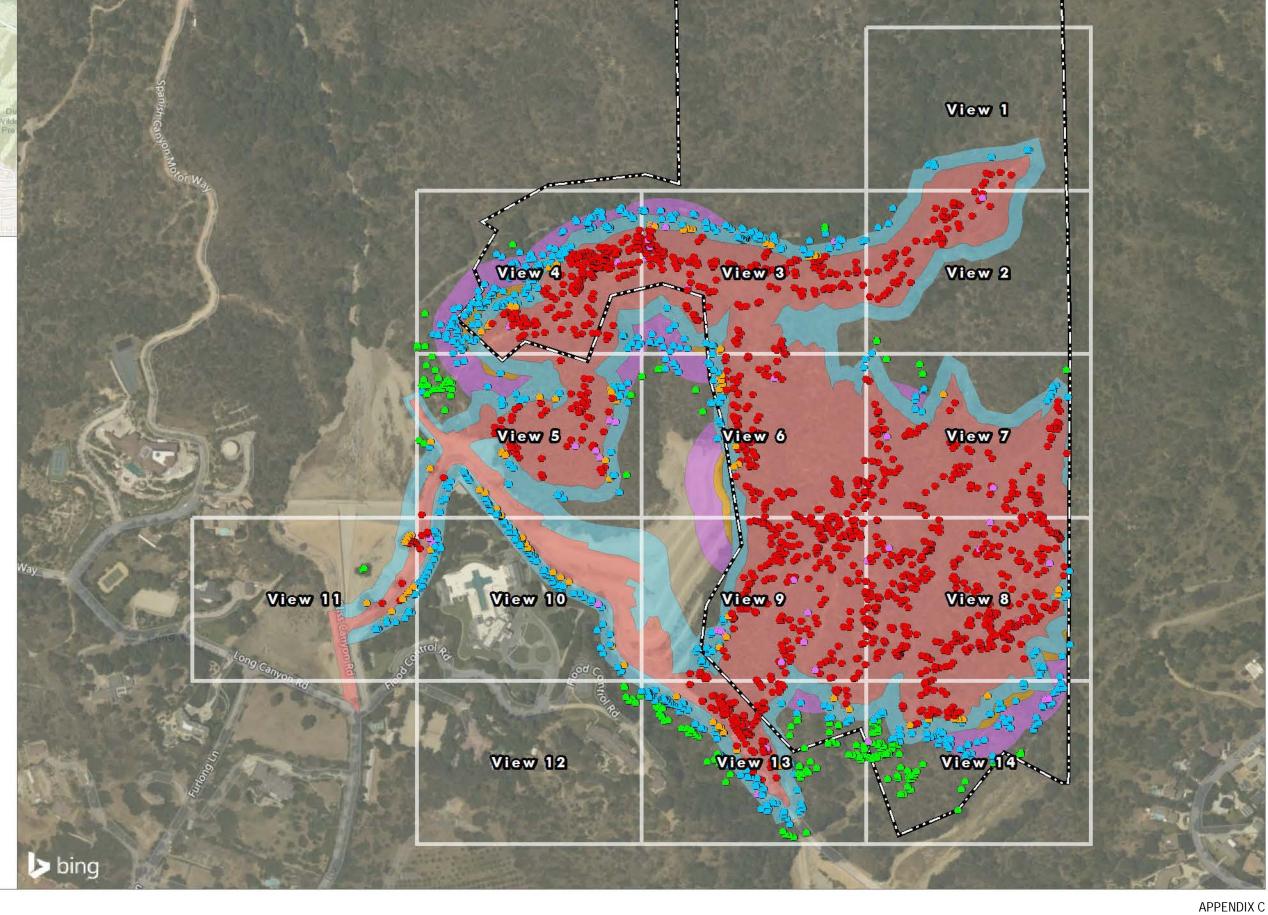
Property Boundary

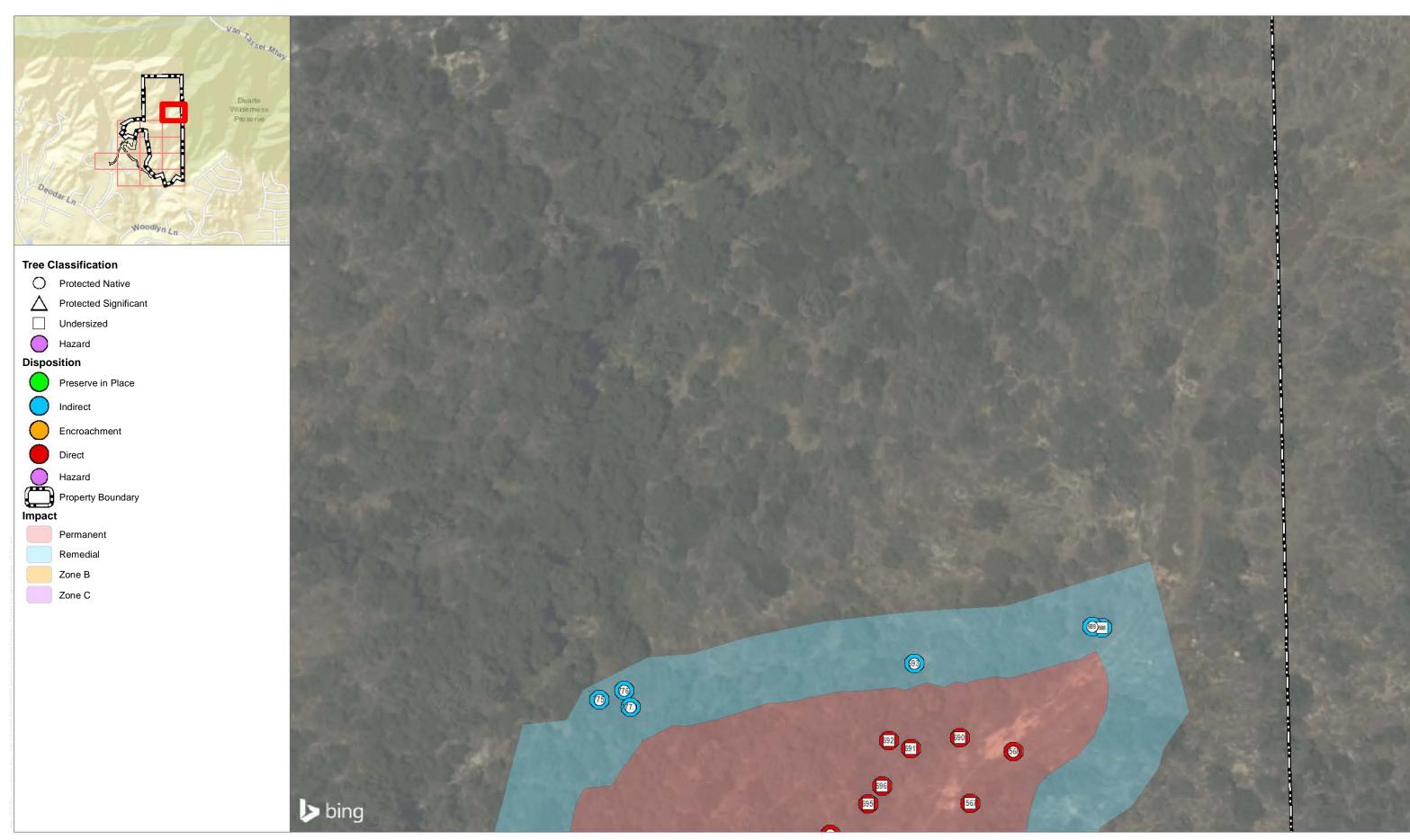


Remedial (2) Zone B (2)

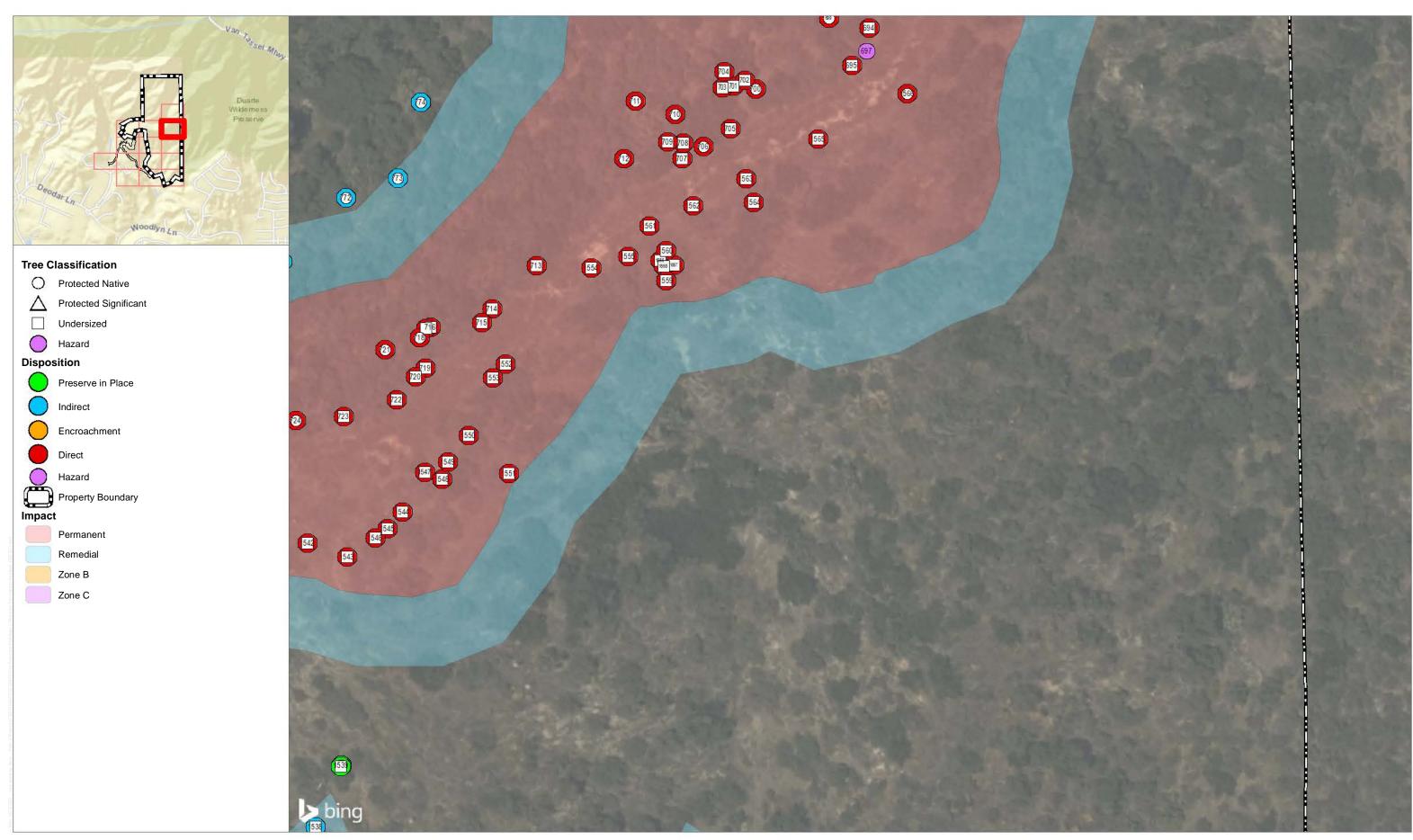


Zone C (13)

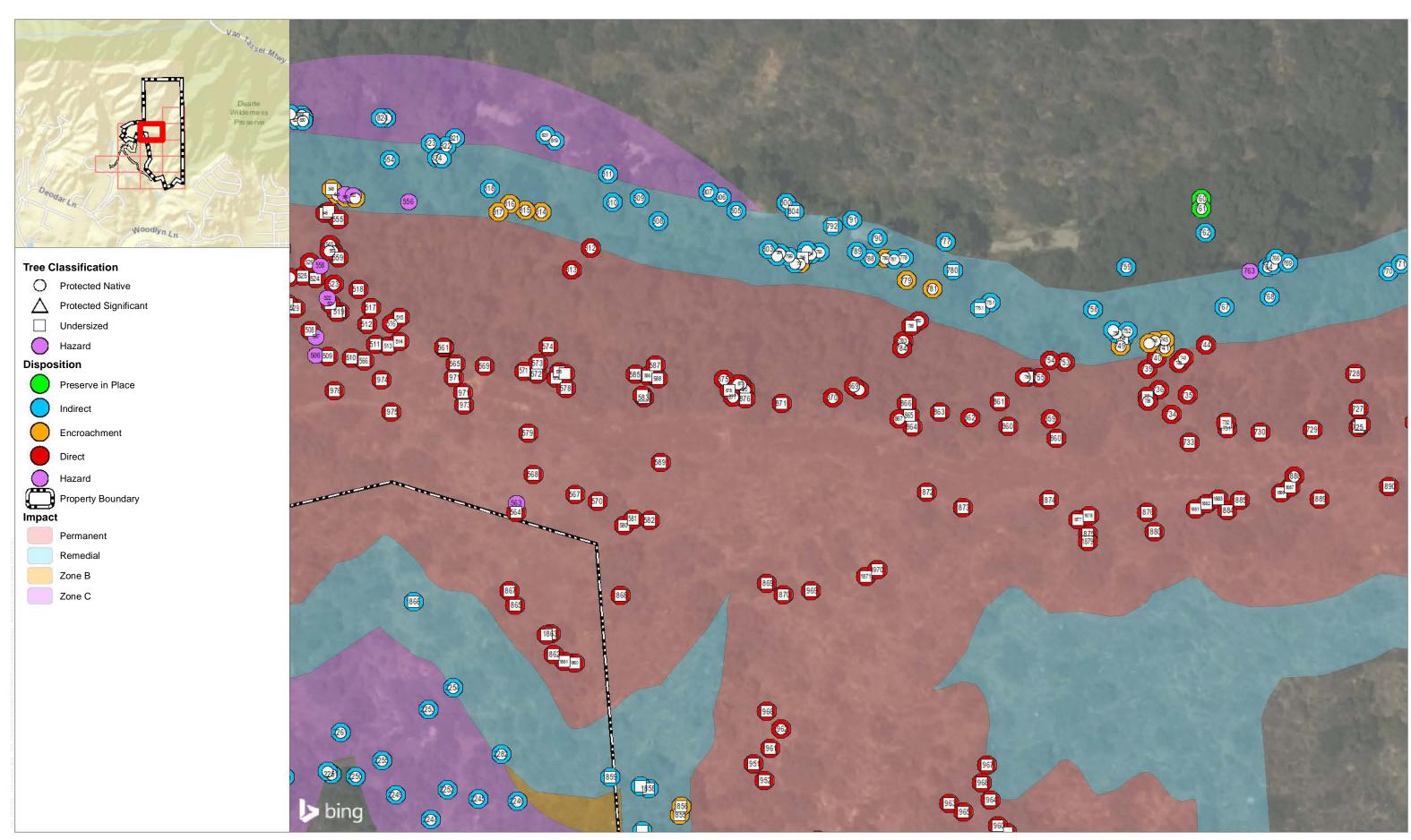


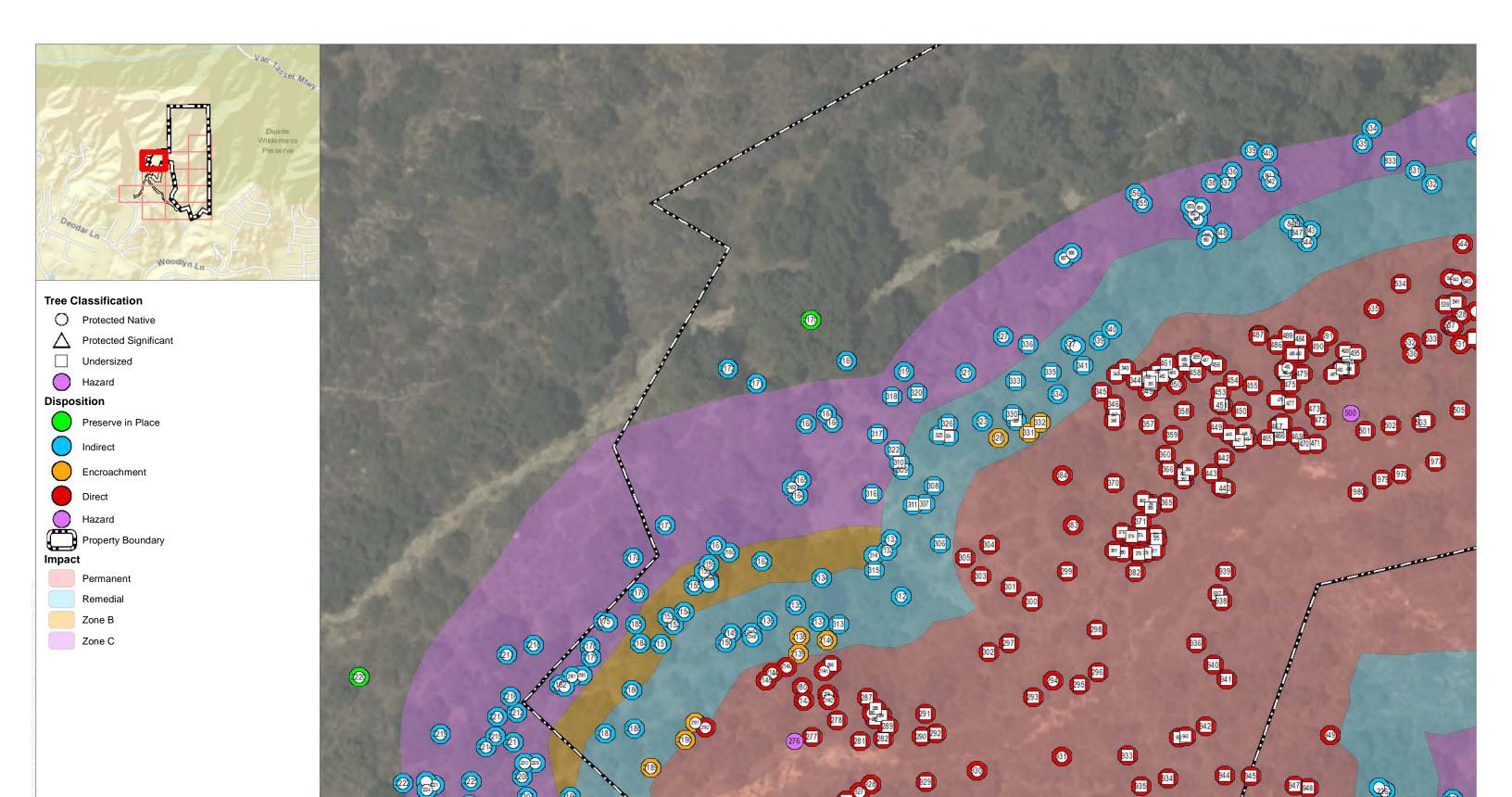


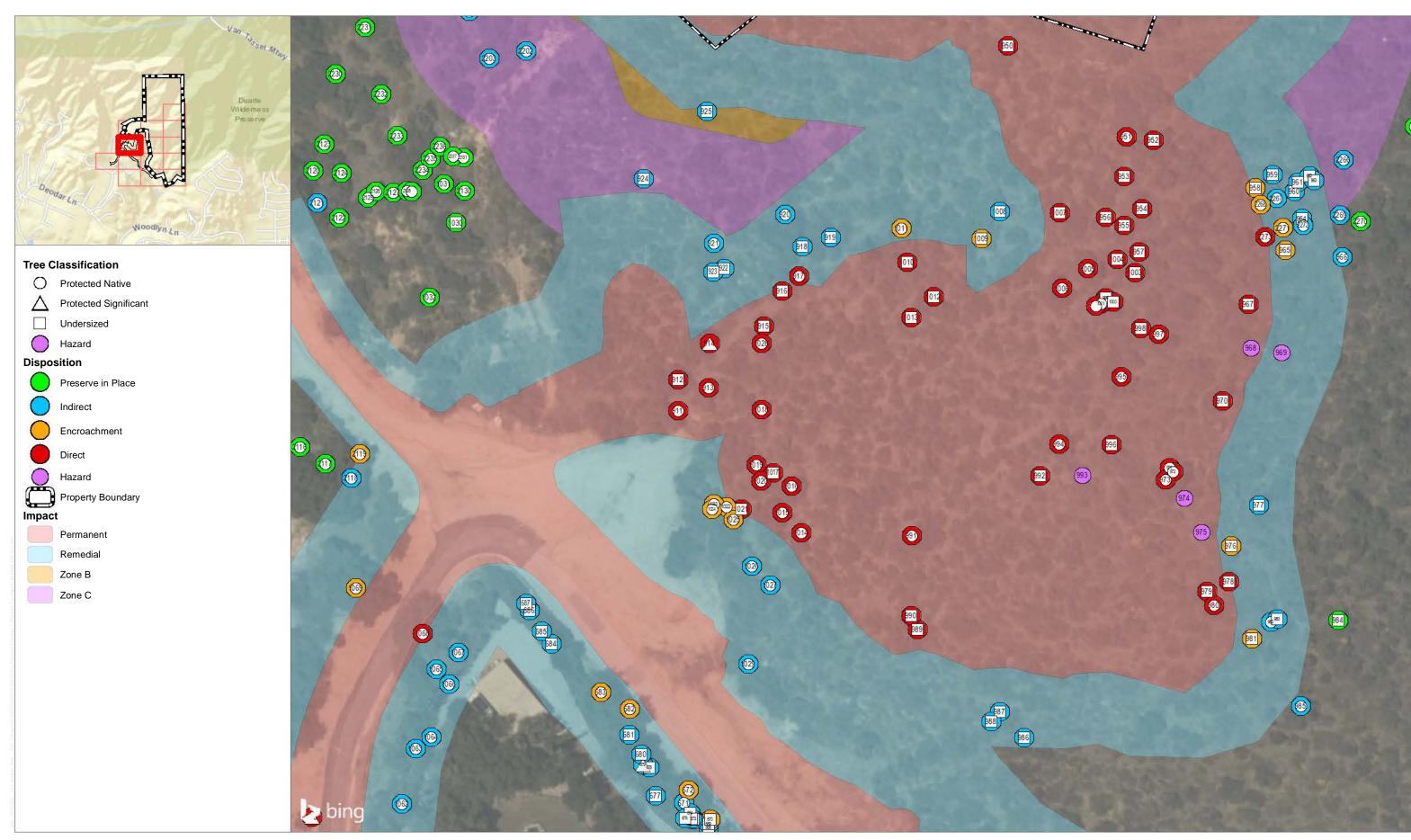
DUDEK 6 0 30 60 Feet

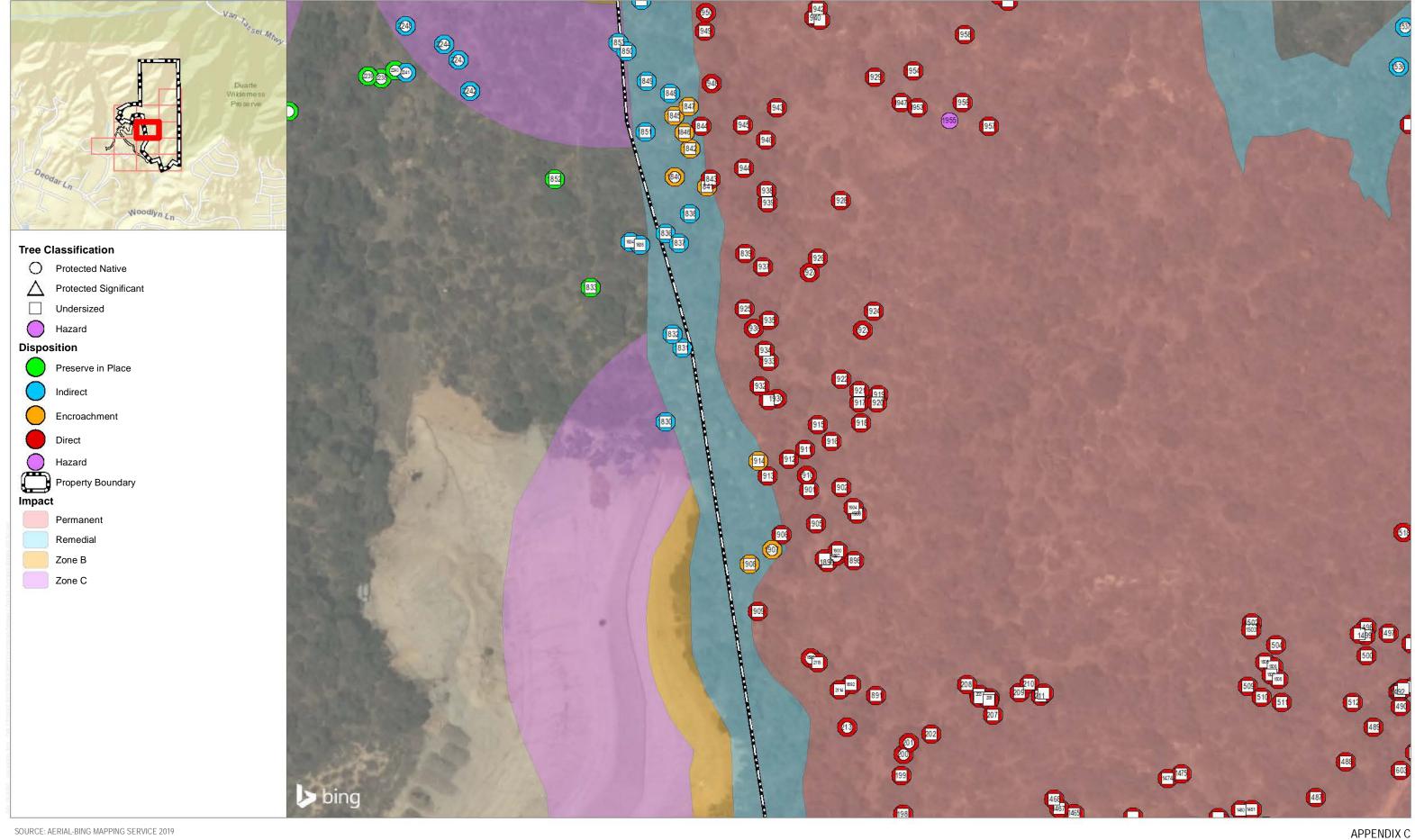




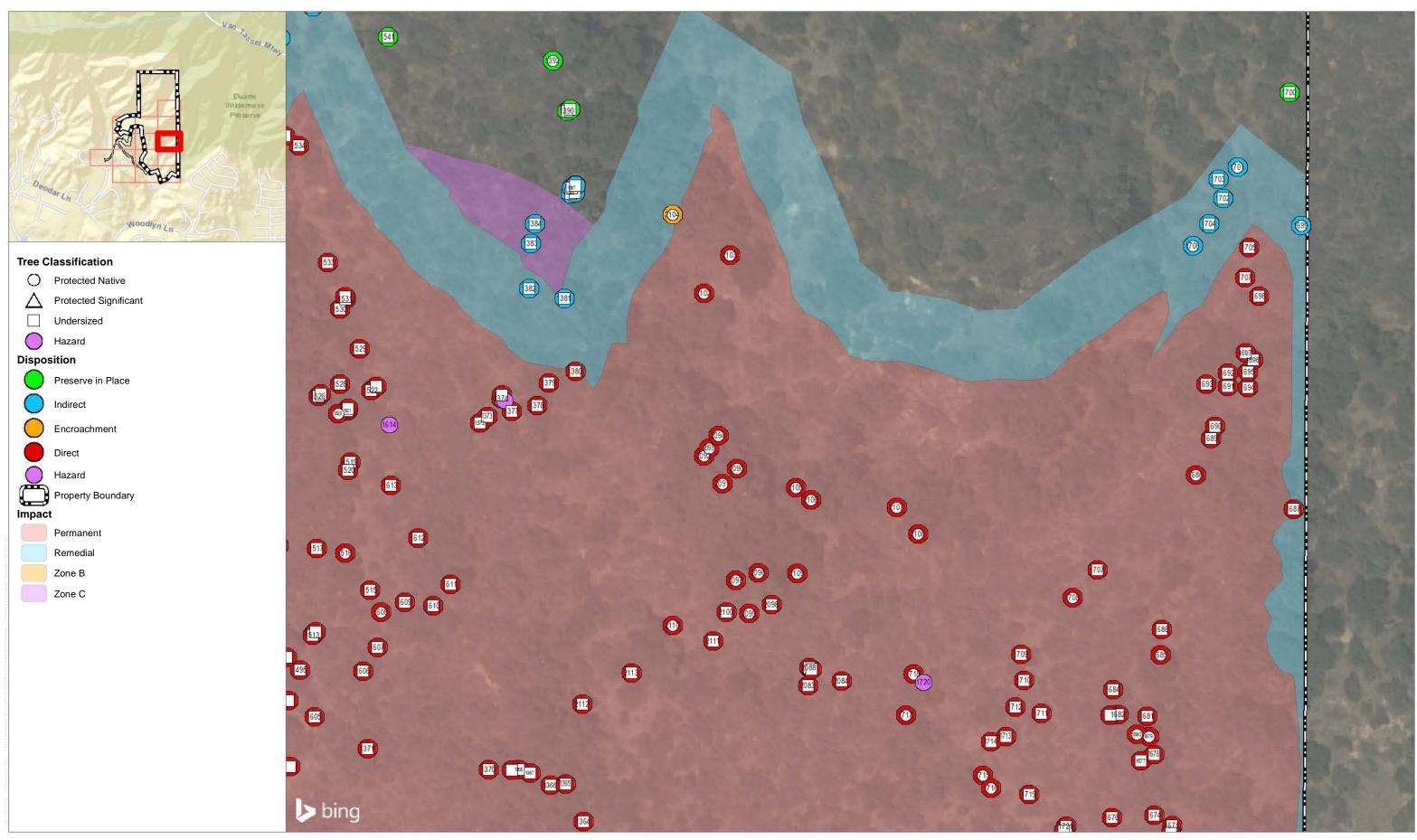


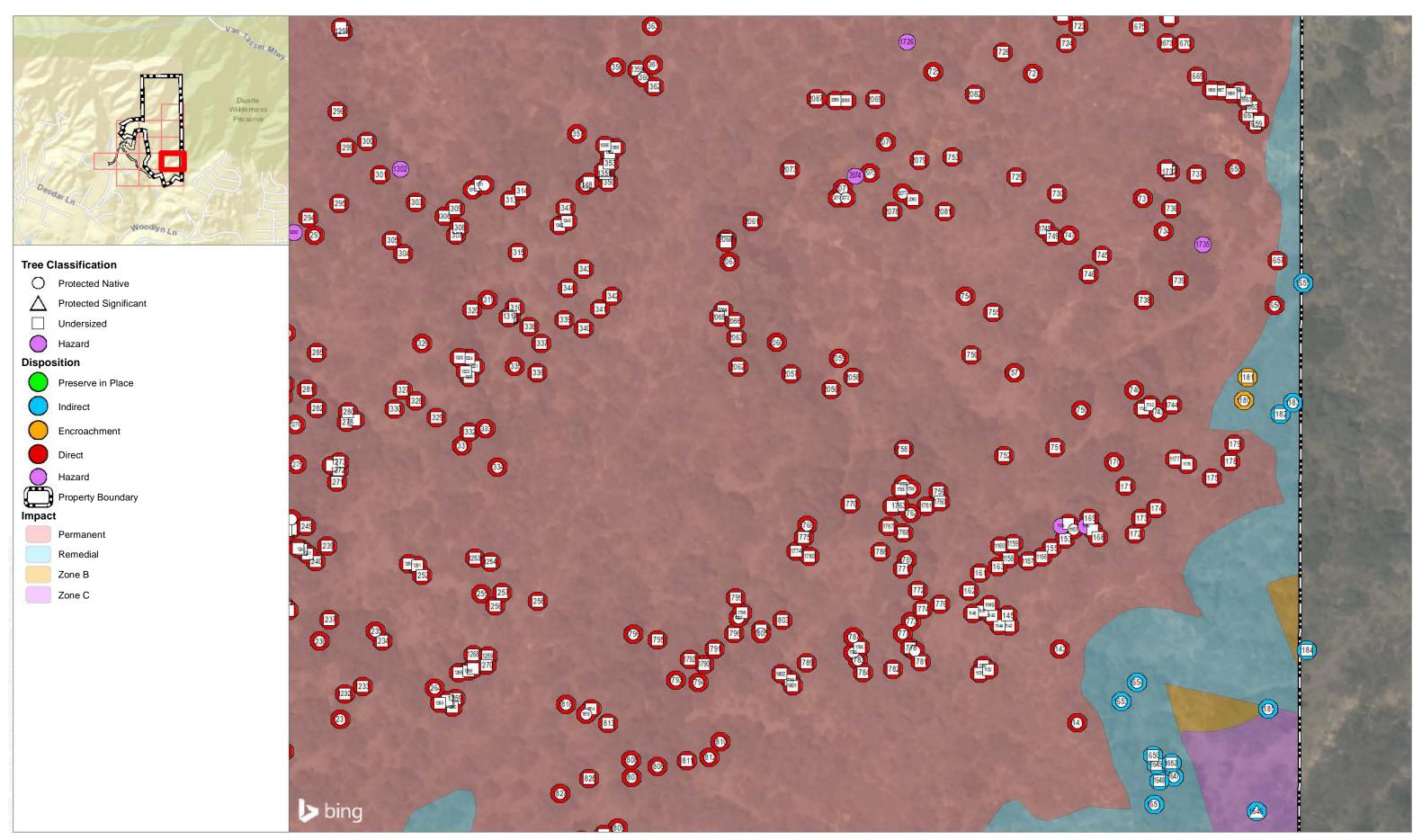


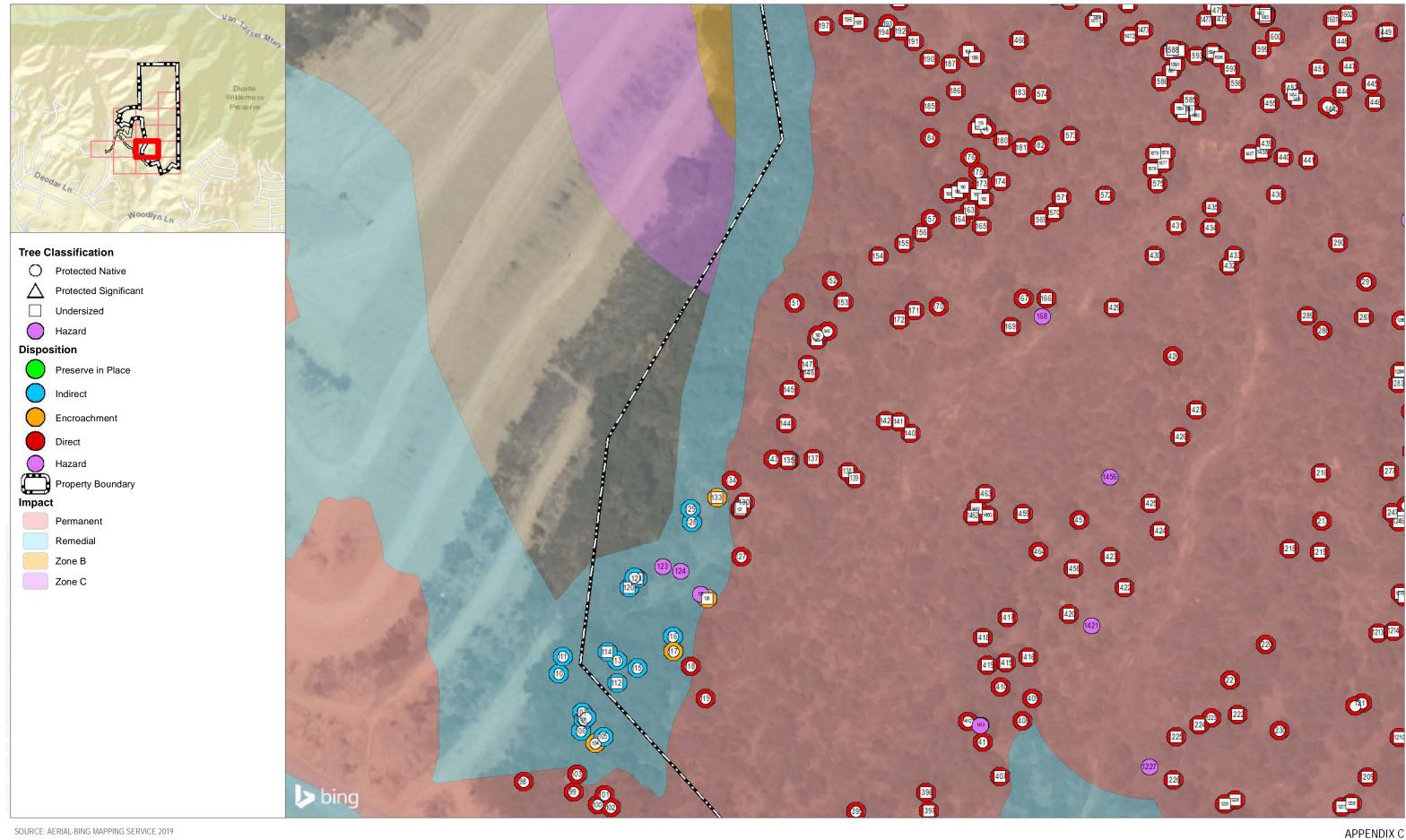




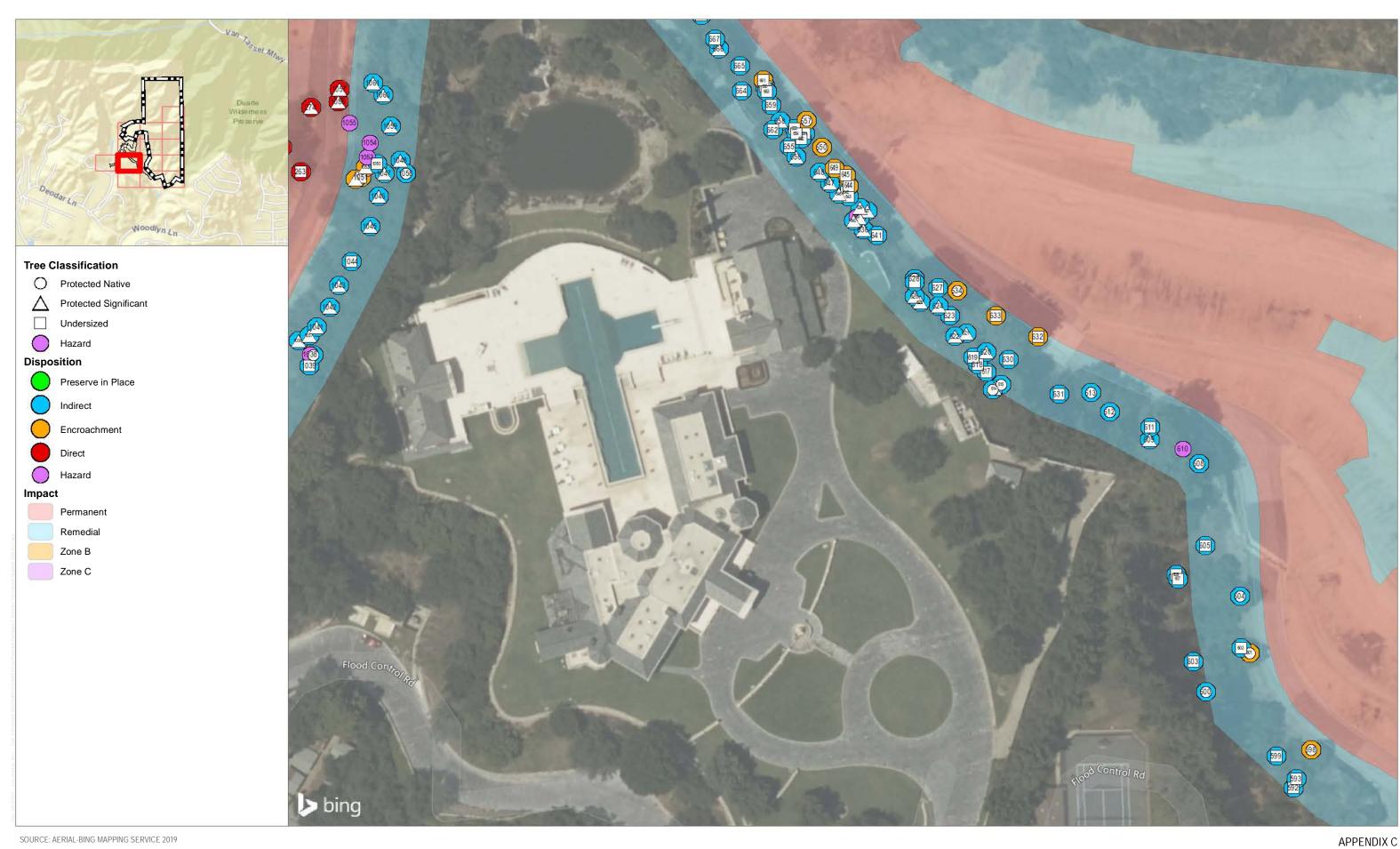
Protected Tree Impact Exhibit - View 6



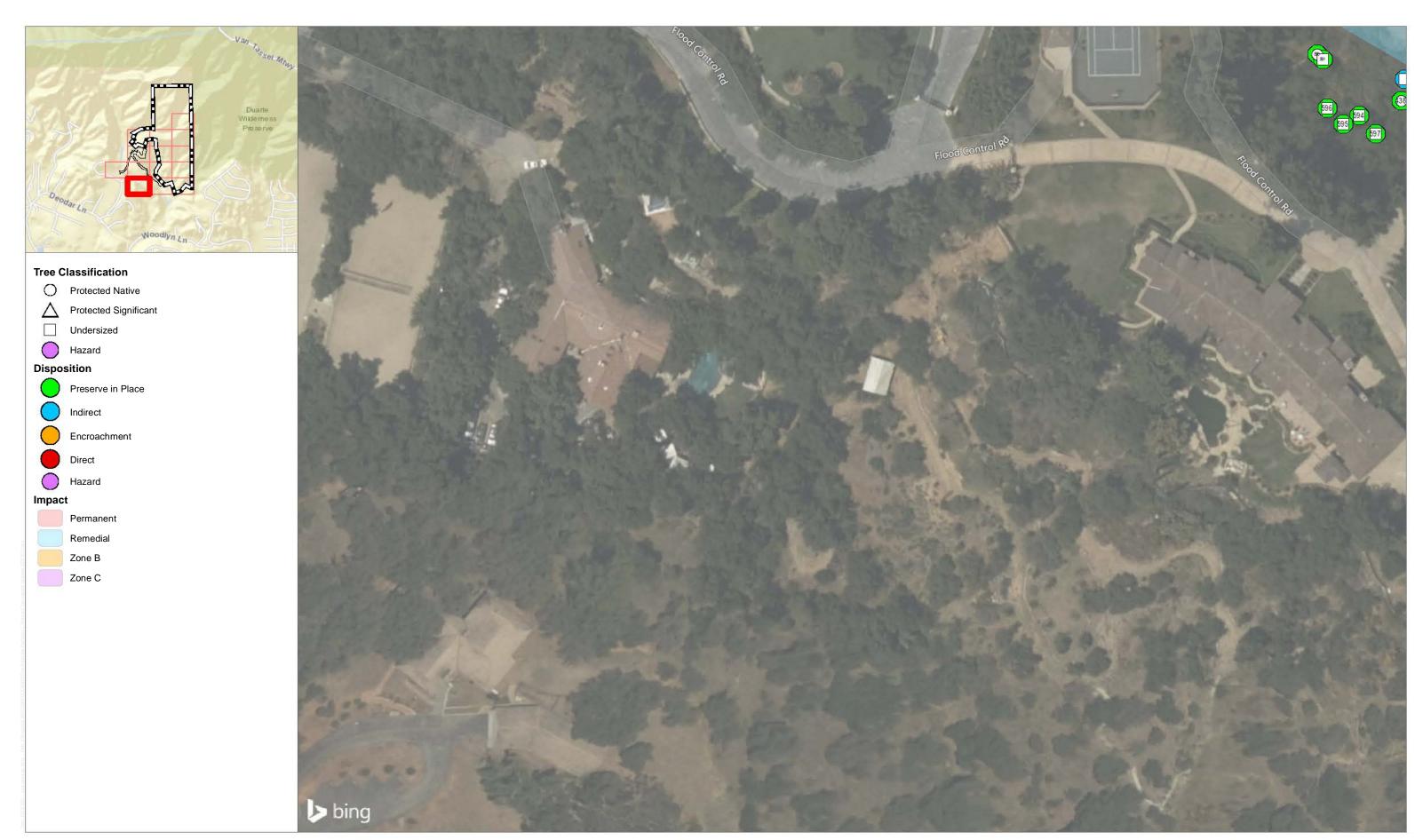




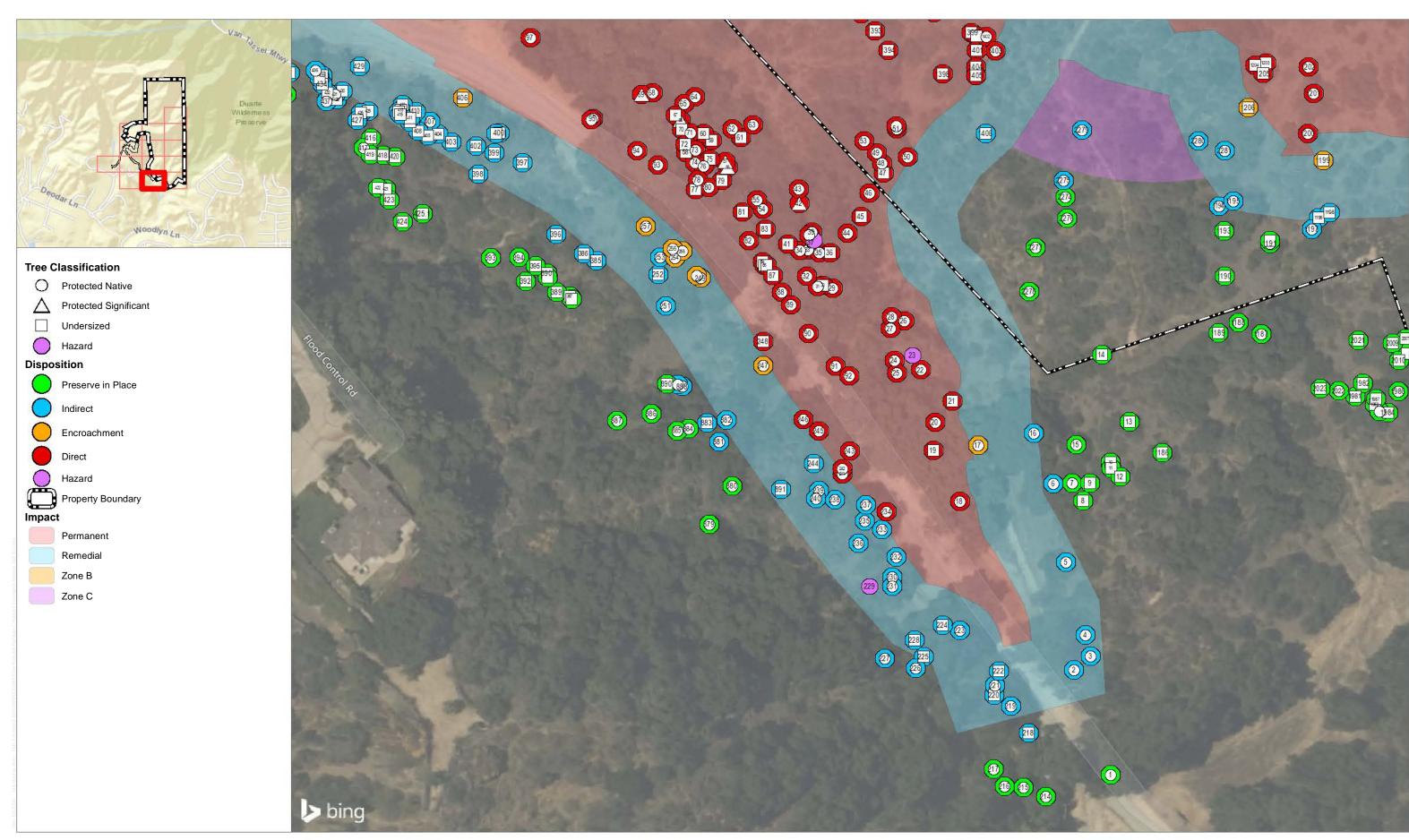
DUDEK 60 30 60 Feet

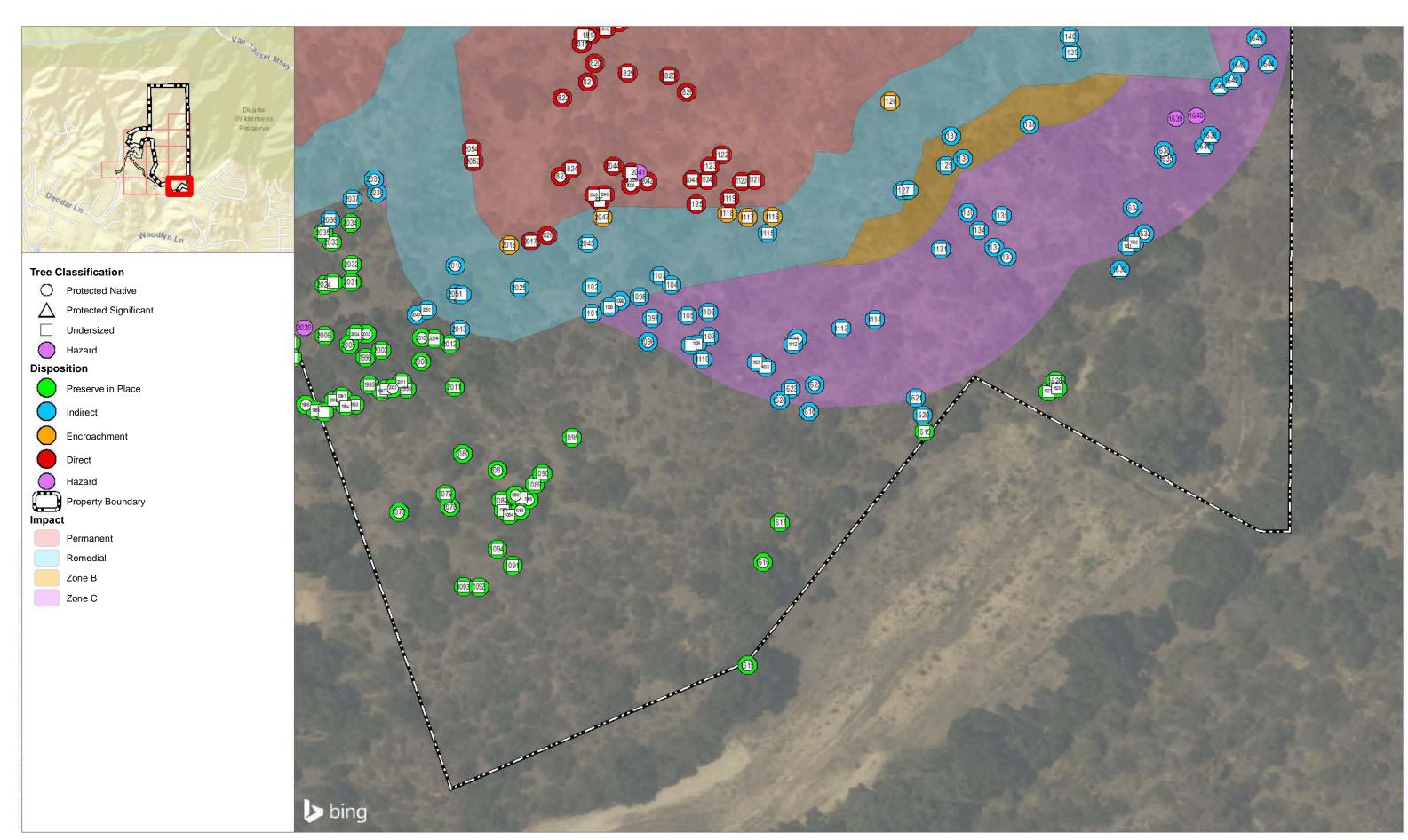


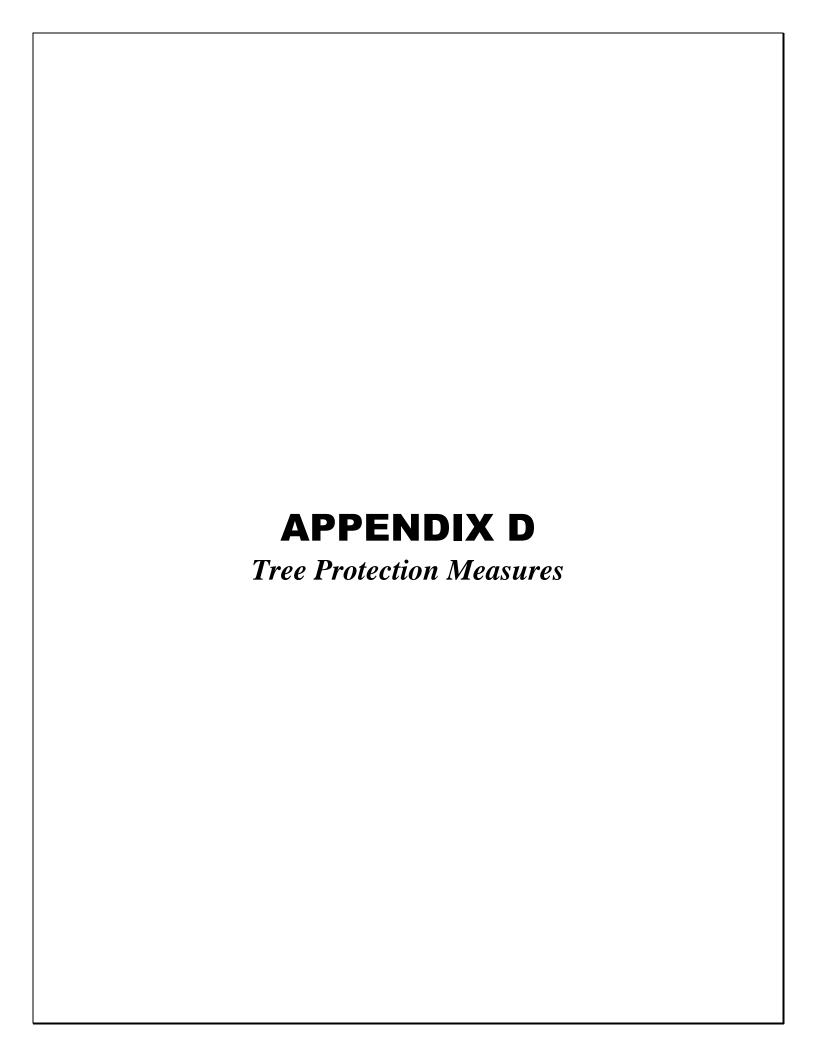












Appendix D – Tree Protection Measures

The following sections are included as general guidelines for tree protection from construction impacts. The measures presented should be monitored by arborists and enforced by contractors and developers for maximum benefit to the trees.

Tree Protection Measures Prior to Construction

<u>Fencing</u>: All remaining trees that will not be relocated or removed shall be preserved and protected in place. Trees within approximately 15 feet of proposed construction activity shall be temporarily fenced with chain link or other material satisfactory to City planning staff throughout grading and construction activities. The fencing shall be installed 3 feet outside of the dripline of each tree (or edge of canopy for cluster of trees), be 4 foot tall, and staked every 6 feet. The fenced area shall be considered the tree protection zone (TPZ) unless proximate construction required temporary removal.

<u>Pre-Construction Meeting:</u> A pre-construction meeting shall be held between all contractors (including grading, tree removal/pruning, builders, etc.) and the arborist. The arborist will instruct the contractors on tree protection practices and answer any questions. All equipment operators and spotters, assistants, or those directing operators from the ground, shall provide written acknowledgement of their receiving tree protection training. This training shall include information on the location and marking of protected trees, the necessity of preventing damage, and the discussion of work practices that will accomplish such.

Protection and Maintenance During Construction

Once construction activities have begun the following measures shall be adhered to:

Equipment Operation and Storage: Avoid heavy equipment operation around the trees. Operating heavy machinery around the root zones of trees will increase soil compaction, which decreases soil aeration and subsequently reduces water penetration in the soil. All heavy equipment and vehicles should, at minimum, stay out of the fenced tree protection zone, unless where specifically approved in writing and under the supervision of a Certified Arborist or as provided by the approved landscape plan.

Storage and Disposal: Do not store or discard any supply or material, including paint, lumber, concrete overflow, etc. within the protection zone. Remove all foreign debris within the protection zone; it is important to leave the duff, mulch, chips, and leaves around the retained trees for water retention and nutrients. Avoid draining or leakage of equipment fluids near retained trees. Fluids such as: gasoline, diesel, oils, hydraulics, brake and transmission fluids, paint, paint thinners, and glycol (anti-freeze) should be disposed of properly. Keep equipment parked at least 50 feet away from retained trees to avoid the possibility of leakage of equipment fluids into the soil. The effect of toxic equipment fluids on the retained trees could lead to decline and death.

<u>Grade Changes:</u> Grade changes, including adding fill, are not permitted within the tree protection zone without special written authorization and under supervision by a Certified Arborist or as provided by the approved landscape plan. Lowering the grade within this area will necessitate cutting main support and feeder roots, jeopardizing the health and structural integrity of the tree(s). Adding soil, even temporarily, on top of the existing grade will compact the soil further, and decrease both water and air availability to the trees' roots.

Moving Construction Materials: Care will be taken when moving equipment or supplies near the trees, especially overhead. Avoid damaging the tree(s) when transporting or moving construction materials and working around the tree (even outside of the fenced tree protection zone). Above ground tree parts that could be damaged (e.g., low limbs, trunks) should be flagged with red ribbon. If contact with the tree crown is unavoidable, prune the conflicting branch(es) using ISA standards.

<u>Root Pruning:</u> Except where specifically approved in writing or as provided in Attachment 3, all trenching shall be outside of the fenced protection zone. Roots primarily extend in a horizontal direction forming a support base to the tree similar to the base of a wineglass. Where trenching is necessary in areas that contain tree roots, prune the roots using a Dosko root pruner or equivalent. All cuts should be clean and sharp, to minimize ripping, tearing, and fracturing of the root system. The trench should be made no deeper than necessary.

<u>Irrigation:</u> Trees that have been substantially root pruned (30% or more of their root zone) will require irrigation for the first twelve months. The first irrigation should be within 48 hours of root pruning. They should be deep watered every two to four weeks during the summer and once a month during the winter (adjust accordingly with rainfall). One irrigation cycle should thoroughly soak the root zones of the trees to a depth of 3 feet. The soil should dry out between watering; avoid keeping a consistently wet soil. Designate one person to be responsible for irrigating (deep watering) the trees. Check soil moisture with a soil probe before irrigating. Irrigation is best accomplished by installing a temporary above ground micro-spray system that will distribute water slowly (to avoid runoff) and evenly throughout the fenced protection zone *but never soaking the area located within 6-feet of the tree trunk, especially during warmer months*.

<u>Pruning:</u> Do not prune any of the trees until all construction is completed. This will help protect the tree canopies from damage. All pruning shall be completed under the direction of an ISA Certified Arborist and using ISA guidelines. Only dead wood shall be removed from tree canopies.

<u>Washing:</u> During construction in summer and autumn months, wash foliage of trees adjacent to the construction sites with a strong water stream every two weeks in early hours before 10:00 a.m. to control mite and insect populations.

<u>Inspection:</u> An ISA Certified Arborist shall inspect the impacted preserved trees on a monthly basis during construction. A report comparing tree health and condition to the original, pre-construction baseline shall be submitted following each inspection. Photographs of representative trees are to be included in the report on a minimum annual basis.

Maintenance After Construction

Once construction is complete the fencing may be removed and the following measures performed to sustain and enhance the vigor of the preserved trees.

<u>Mulch:</u> Provide a 4-inch mulch layer under the canopy of trees. Mulch should include clean, organic mulch that will provide long-term soil conditioning, soil moisture retention, and soil temperature control.

<u>Pruning:</u> The trees will not require regular pruning. Pruning should *only* be done to maintain clearance and remove broken, dead or diseased branches. Pruning shall only take place following a recommendation by an ISA Certified Arborist and performed under the supervision of an ISA Certified Arborist. No more than 20% of the canopy shall be removed at any one time. All pruning shall conform to International Society of Arboriculture standards.

Tree Protection Measures Page 2

<u>Watering:</u> The natural trees that are not disturbed should not require regular irrigation, other than the twelve months following substantial root pruning. However, soil probing will be necessary to accurately monitor moisture levels. Especially in years with low winter rainfall, supplemental irrigation for the trees that sustained root pruning and any newly planted trees may be necessary. The trees should be irrigated *only* during the winter and spring months.

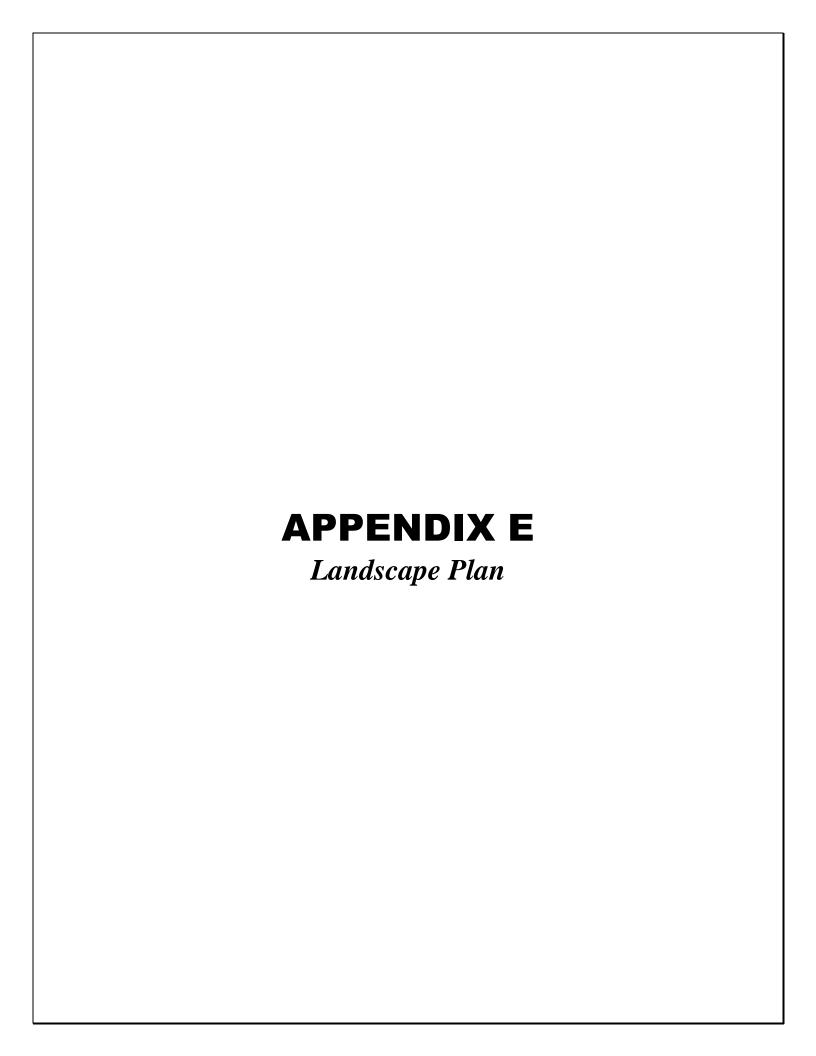
<u>Watering Adjacent Plant Material:</u> All plants near the trees shall be compatible with water requirements of said trees. The surrounding plants should be watered infrequently with deep soaks and allowed to dry out in-between, rather than frequent light irrigation. The soil shall not be allowed to become saturated or stay continually wet. Irrigation spray shall not hit the trunk of any tree. A 60-inch dry-zone shall be maintained around all tree trunks. An above ground micro-spray irrigation system is recommended over typical underground pop-up sprays.

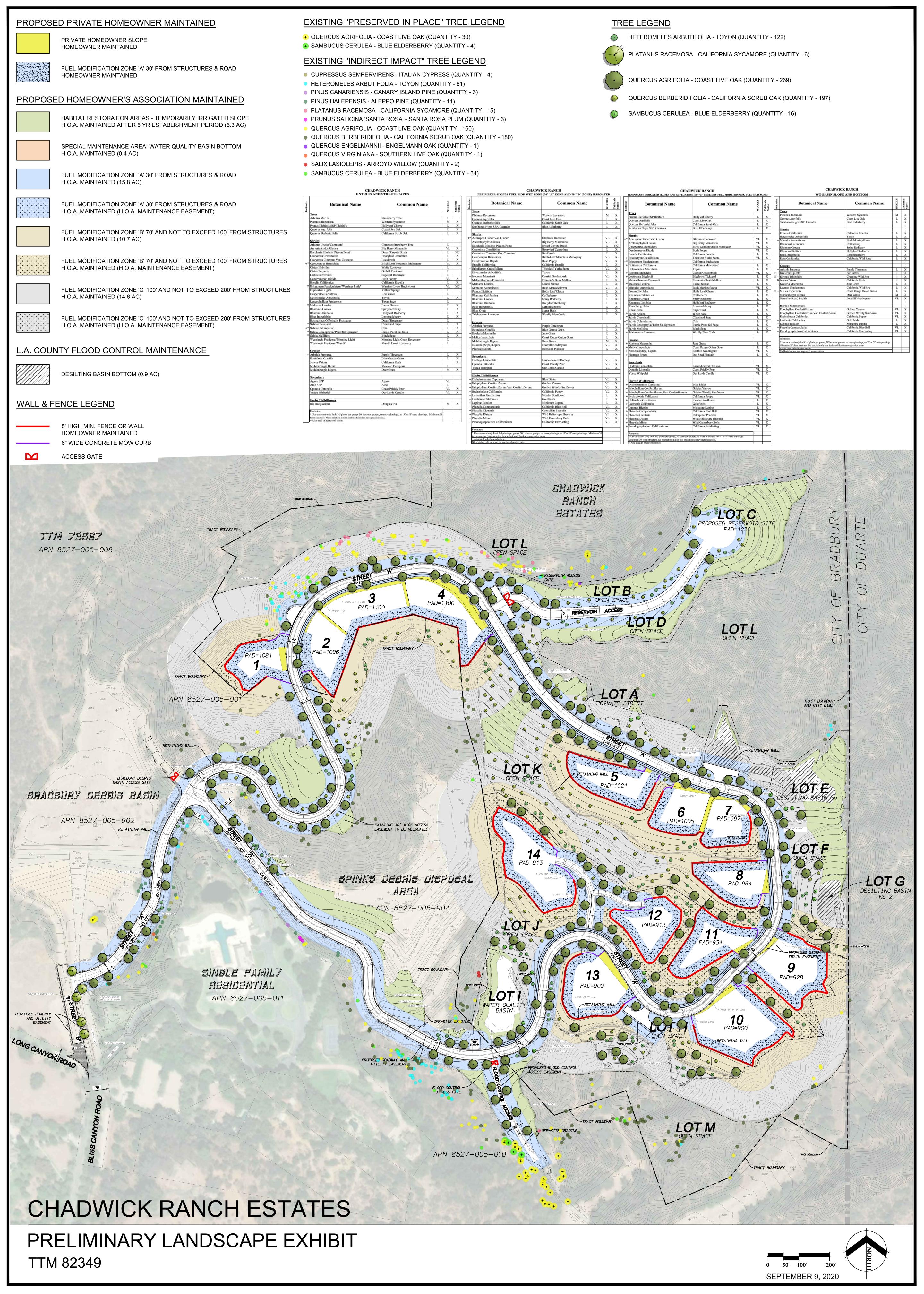
<u>Washing:</u> Periodic washing of the foliage is recommended during construction but no more than once every two weeks. Washing should include the upper and lower leaf surfaces and the tree bark. This should continue beyond the construction period at a less frequent rate with a high-powered hose only in the early morning hours. Washing will help control dirt/dust buildup that can lead to mite and insect infestations.

<u>Spraying:</u> If the trees are maintained in a healthy state, regular spraying for insect or disease control should not be necessary. If a problem does develop, an ISA Certified Arborist should be consulted; the trees may require application of insecticides to prevent the intrusion of bark-boring beetles and other invading pests. All chemical spraying should be performed by a licensed applicator under the direction of a licensed pest control advisor.

<u>Inspection:</u> All trees that were impacted during construction within the tree protection zone should be monitored by an ISA Certified Arborist for the first five years after construction completion. The Arborist shall submit an annual report, photograph each tree and compare tree health and condition to the original, pre-construction baseline.

Tree Protection Measures Page 3







August 14, 2017

Stacey Love U.S. Fish and Wildlife Service 2177 Salk Avenue, Suite 250 Carlsbad, California 92008

SUBJECT: Submittal Report for Coastal California Gnatcatcher Surveys for the Chadwick

Ranch Property, Located in Bradbury, Los Angeles County, California.

Dear Ms. Love:

This letter report summarizes the methodology and findings of presence/absence surveys conducted by Glenn Lukos Associates, Inc. (GLA) for the federally listed as Threatened coastal California gnatcatcher (*Polioptila californica californica*) conducted) within the above referenced property located in Bradbury, Los Angeles County, California.

Focused surveys were conducted at the property from April 11, 2017 to June 21, 2017 in all areas of potentially suitable habitat in accordance with U.S. Fish and Wildlife Service (USFWS) guidelines. The total amount of suitable habitat at the property is less than 80 acres, and so the Study Area constituted one survey polygon per the U.S. Fish and Wildlife Service (USFWS) guidelines. The coastal California gnatcatcher was not detected at the site.

1.0 SITE LOCATION AND DESCRIPTION

The Chadwick Ranch property is located in the City of Bradbury, Los Angeles County, California [Exhibit 1 – Regional Map]. The property is located in the northeastern portion of the Bradbury Estates, past the terminus of Bliss Canyon Road at the intersection with Long Canyon Road. The property is depicted on the U.S. Geological Survey (USGS) topographic map Azusa, California (dated 1966 and photorevised in 1972) at Section 19, Township 1 North, Range 10 West [Exhibit 2 – Vicinity Map]. The Universal Transverse Mercator (UTM) coordinates approximately corresponding to the study area are 411407 mE and 3779912 mN (Zone 11S). Elevations at the property range from approximately 800 feet above mean sea level (amsl) to approximately 2,000 feet amsl.

29 Orchard • Lake Forest • California 92630-8300 Telephone: (949) 837-0404 • Facsimile: (949) 837-5834 Stacey Love U.S. Fish and Wildlife Service August 14, 2017 Page 2

The majority of the property supports mixed chaparral with inclusions of coastal sage scrub. The dominant plant species include laurel sumac (*Malosma laurina*), scrub oak (*Quercus berberidifolia*), chamise (*Adenostoma fasciculatum*), spiny redberry (*Rhamnus crocea*), toyon (*Heteromeles arbutifolia*), coastal sagebrush (*Artemisia californica*), California buckwheat (*Eriogonum fasciculatum*), black sage (*Salvia mellifera*), white sage (*Salvia apiana*), and deerweed (*Acmispon glaber*). Adjacent land uses include residential development to the west, south, and southeast; open space to the east (Duarte Wilderness Preserve); and open space to the north, including the Angeles National Forest.

Focused gnatcatcher surveys were conducted within all areas of suitable habitat located within the property [Exhibit 3 – Aerial Map], although suitable pockets of coastal sage scrub are scattered amongst dominant areas of mixed chaparral. The study area does not occur within Critical Habitat for the gnatcatcher.

2.0 METHODOLOGY

Protocol surveys for the coastal California gnatcatcher were conducted in accordance with the 1997 USFWS guidelines, which stipulate that during the breeding season, six surveys shall be conducted in all areas of suitable habitat with at least seven days between site visits. The USFWS survey guidelines also stipulate that no more than 80 acres of suitable habitat shall be surveyed per biologist per day. The survey area contained less than 80 acres of suitable habitat for the gnatcatcher. As such, the site consisted of one survey polygon requiring one "surveyday" per week.

GLA biologist David Moskovitz (TE-084606-3) conducted all six of the surveys, including April 11 and 25, May 2, 9, and 16, and June 27, 2017. Mr. Moskovitz was accompanied by Zack West (non-permitted) on three of the survey visits (April 25, and May 9 and 16), and by Jeff Ahrens (TE-052159-5) on one of the visits (May 2, 2017).

Areas of suitable habitat were surveyed by walking slowly and methodically throughout areas of suitable habitat. The presence/absence of coastal California gnatcatchers was determined through vocalization and visual identification. A combination of gnatcatcher vocalization recordings and "pishing" sounds were used (as needed depending on the vegetation density and topography) to elicit responses from gnatcatchers.

Weather conditions during the surveys were conducive to a high level of bird activity. All surveys were conducted during the morning hours and were completed before 12:00 P.M. No surveys were conducted during extreme weather conditions (i.e., winds exceeding 15 miles per

Stacey Love U.S. Fish and Wildlife Service August 14, 2017 Page 3

hour, rain, or temperatures in excess of 35°C). Table 1 summarizes the survey dates/times and weather conditions.

Table 1. Summary of Survey Dates and Weather Data.

| Survey Date | Surveyor | Start/End Time | Temp °F (start/end) | Start/End Wind Speed (mph) | Cloud Cover |
|-------------|----------|----------------|------------------------|----------------------------------|----------------|
| 4/11/17 | DM | 0700/1200 | 58/76 | 1-3/1-3 | Clear |
| 4/25/17 | DM/ZW | 0730/1145 | 62/74 | 0-2/1-3 | Pt. Cloudy |
| 5/2/17 | DM/JA | 0800/1100 | 66/81 | 1-3/2-4 | Clear |
| 5/9/17 | DM/ZW | 0745/1200 | 65/70 | 0-2/0-3 | Overcast |
| 5/16//17 | DM/ZW | 0830/1145 | 59/64 | 0-2/0-2 | Pt. Cloudy |
| 6/27/17 | DM | 0815/1145 | 68/81 | 1-3/0-2 | Clear |

DM = David Moskovitz, ZW = Zack West (non-permitted), JA = Jeff Ahrens

3.0 RESULTS

The coastal California gnatcatcher was not detected at the property during the focused surveys.

Birds observed during the surveys included the following: wrentit (*Chamaea fasciata*), house wren (*Troglodytes aedon*), Bewick's wren (*Thryomanes bewickii*), spotted towhee (*Pipilo maculatus*), California towhee (*Pipilo crissalis*), bushtit (*Psaltriparus minim*us), house finch (*Carpodacus mexicanus*), northern mockingbird (*Mimus polyglottos*), lesser goldfinch (*Spinus psaltria*), black-headed grosbeak (*Pheucticus melanocephalus*), turkey vulture (*Cathartes aura*), American crow (*Corvus brachyrhynchos*), Anna's hummingbird (*Calypte anna*), mourning dove (*Zenaida macroura*), California scrub- jay (*Aphelocoma californica*), phainopepla (*Phainopepla nitens*), blue-gray gnatcatcher (*Polioptila caerulea*), California thrasher (*Toxostoma redivivum*), Pacific-slope flycatcher (*Empidonax difficilis*), yellow warbler (*Setophaga petechia*), Nuttall's woodpecker (*Picoides nuttallii*), and oak titmouse (*Baeolophus inornatus*). See Appendix A for a complete list of birds observed on site.

Stacey Love U.S. Fish and Wildlife Service August 14, 2017 Page 4

If you have any questions regarding the methodology or findings of this report, please contact David Moskovitz at (949) 340-2562, or at dmoskovitz@wetlandpermitting.com.

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

GLENN LUKOS ASSOCIATES, INC.

Paul 7. Morty

| | TE-084606-3 | August 14, 2017 |
|--------------------|-------------|-----------------|
| David F. Moskovitz | Permit # | Date |
| Senior Biologist | | |

Jeff ahens

TE-052159-5 August 14, 2017

Jeff Ahrens Permit # Date

Biologist

p:1260-2a.CAGN.RPT(2017).docx

APPENDIX A

AVIAN COMPENDIUM

The avian compendium lists bird species identified on the Site.

* = non-native species

ACCIPITERIDAE

Accipiter cooperii Buteo jamaicensis Buteo lineatus

AEGITHALIDAE

Psaltriparus minimus

ALAUDIDAE

Eremophila alpestris actia

CARDINALIDAE

Pheucticus melanocephalus

CHARADRIIDAE

Charadrius vociferus

COLUMBIDAE

Columba livia
Patagioenas fasciata
* Streptopelia decaocto
Zenaida macroura

CORVIDAE

Aphelocoma californica Corvus brachyrhynchos

EMBERIZIDAE

Melospiza melodia Melozone crissalis Zonotrichia leucophrys

FRINGILLIDAE

Carduelis psaltria Carpodacus mexicanus Spinus tristis

Hawks, Old World Vultures and Harriers

Cooper's hawk red-tailed hawk red-shouldered hawk

Bushtit

bushtit

Larks

California horned lark

Cardinals and Tanagers

black-headed grosbeak

Plovers And Relatives

killdeer

Pigeons and Doves

rock pigeon band-tailed pigeon Eurasian collared-dove mourning dove

Jays, Magpies and Crows

California scrub-jay American crow

Emberizines

song sparrow California towhee white-crowned sparrow

Finches

lesser goldfinch house finch American goldfinch **HIRUNDINIDAE**

Hirundo rustica

Petrochelidon pyrrhonota

ICTERIDAE

Molothrus ater

MIMIDAE

Mimus polyglottos

MOTACILLIDAE

Anthus rubescens

PARIDAE

Baeolophus inornatus

PARULIDAE

Geothlypis trichas Setophaga coronate Setophaga petechia

PICIDAE

Picoides nuttallii

PSITTACIDAE

* Amazona viridigenalis

PTILOGONATIDAE

Phainopepla nitens

REGULIDAE

Regulus calendula

STURNIDAE

* Sturnus vulgaris

SYLVIIDAE

Chamaea fasciata

TROCHILIDAE

Calypte anna Selasphorus sasin

TROGLODYTIDAE

Thryomanes bewickii

Swallows

barn swallow cliff swallow

Blackbirds and Allies

brown-headed cowbird

Mockingbirds and Thrashers

northern mockingbird

Pipits and Wagtails

American pipit

Titmice and Chickadees

oak titmouse

Wood Warblers and Relatives

common yellowthroat yellow-rumped warbler yellow warbler

Woodpeckers

Nuttall's woodpecker

Lories, Parakeets, Macaws, and Parrots

red-crowned parrot

Silky Flycatcher

phainopepla

Kinglets

ruby-crowned kinglet

Starlings and Allies

European starling

Old World Warblers

wrentit

Hummingbirds

Anna's hummingbird Allen's hummingbird

Wrens

Bewick's wren

Troglodytes aedon

TYRANNIDAE

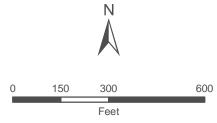
Empidonax difficilis Sayornis nigricans Tyrannus verticalis house wren

Tyrant Flycatchers

Pacific-slope flycatcher black phoebe western kingbird











July 17, 2020

Mike Cho TRG Land 898 Production Place Newport Beach, California 92663

SUBJECT: Jurisdictional Delineation of the Chadwick Ranch Estates Project, City of

Bradbury, Los Angeles County, California

Dear Mr. Cho:

This letter report summarizes our preliminary findings of U.S. Army Corps of Engineers (Corps), Regional Water Quality Control Board (Regional Board), and California Department of Fish and Wildlife (CDFW) jurisdiction for the above-referenced property.¹

The Chadwick Ranch Estates Project in Los Angeles County [Exhibit 1], consists of the 111.8-acre Specific Plan and the offsite improvement area (22.83 acres) and contains three blue-line drainages (as depicted on the U.S. Geological Survey (USGS) topographic map Azusa, California [dated 1966 and photorevised in 1972]) [Exhibit 2]. On April 25, May 9 and 16, 2017, and March 5, 2018, regulatory specialists of Glenn Lukos Associates, Inc. (GLA) examined the project site to determine the presence and limits of (1) Corps jurisdiction pursuant to Section 404 of the Clean Water Act, (2) Regional Board jurisdiction pursuant to Section 401 of the CWA and Section 13260 of the California Water Code (CWC), and (3) CDFW jurisdiction pursuant to Division 2, Chapter 6, Section 1600 of the Fish and Game Code. Enclosed are 300-scale map [Exhibit 3] that depicts the areas of Corps, Regional Board and CDFW jurisdiction. Photographs to document the topography, vegetative communities, and general widths of each of the waters are provided as Exhibit 4.

The overall Study Area (including the Specific Plan and offsite improvement area) contains approximately 1.55 acres of drainage features exhibiting characteristics associated with waters of

¹ This report presents our best effort at estimating the subject jurisdictional boundaries using the most up-to-date regulations and written policy and guidance from the regulatory agencies. Only the regulatory agencies can make a final determination of jurisdictional boundaries.

the U.S. and that may be regulated by the Corps, none of which consist of jurisdictional wetlands.

Regional Board jurisdiction at the site totals approximately 1.55 acres, none of which consists of jurisdictional wetlands.

The overall Study Area (including the Specific Plan and offsite improvement area) contains approximately 13.57 acres of CDFW jurisdiction, including 11.30 acres within the Specific Plan and 2.27 acres within the offsite improvement area. Of the 13.57 acres of total CDFW jurisdiction, approximately 12.71 acres consist of riparian vegetation.

I. METHODOLOGY

Prior to beginning the field delineation, a color aerial photograph, a topographic base map of the property, the previously cited USGS topographic map, and a soils map were examined to determine the locations of potential areas of Corps, Regional Board, and CDFW jurisdiction. Suspected jurisdictional areas were field checked for evidence of stream activity and/or wetland vegetation, soils and hydrology. Where applicable, reference was made to the 2008 Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States (OWHM Manual)² to identify the width of Corps jurisdiction and suspected federal wetland habitats on the site were evaluated using the methodology set forth in the U.S. Army Corps of Engineers 1987 Wetland Delineation Manual³ (Wetland Manual) and the 2008 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Supplement (Arid West Supplement).⁴ Reference was also made to the 2019 State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State (State Board Wetland Definition and Procedures) to identify suspected State wetland habitats.⁵ While in the field the potential limits of jurisdiction were recorded with a sub-meter Trimble GPS device in conjunction with a color aerial photograph using visible landmarks.

The National Cooperative Soil Survey (NCSS) has mapped the following soil types as occurring in the general vicinity of the project site:

² U.S. Army Corps of Engineers. 2008. A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States

³ Environmental Laboratory. 1987. Corps of Engineers Wetlands Delineation Manual, Technical Report Y-87-1, U.S. Army Engineer Waterways Experimental Station, Vicksburg, Mississippi.

⁴ U.S. Army Corps of Engineers. 2008. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0), ed. J. S. Wakeley, R. W. Lichvar, and C. V. Noble. ERDC/EL TR-08-28. Vicksburg, MS: U.S. Army Engineer Research and Development Center.

⁵ State Water Resources Control Board. 2019. State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State.

Trigo Family, Granitic Substratum, 60 to 90 Percent Slopes

Trigo Family soils are somewhat excessively drained loam and gravelly sandy loam soils associated with mountain slopes and ridges.

Urban land-Palmview-Tujunga, Gravelly Complex, 2 to 9 Percent Slopes

The Palmview-Tujunga complex consists of well drained, sandy loam soils associated with alluvial fans.

Padova-Walong Complex, 30 to 85 Percent Slopes

The Padova-Walong complex consists of well drained, sandy loam soils associated with hillslopes.

Soboba and Tujunga Soils, 0 to 5 Percent Slopes, Frequently Flooded

The Soboba and Tujunga soils consist of somewhat excessively drained loam, sand, and very gravelly sand soils associated with washes, stream terraces, inset fans, and debris flows.

II. JURISDICTION

A. Army Corps of Engineers

Pursuant to Section 404 of the Clean Water Act, the Corps regulates the discharge of dredged and/or fill material into waters of the United States. The term "waters of the United States" is defined in Corps regulations at 33 CFR Part 328.3(a), pursuant to the *Navigable Waters Protection Rule*⁶ (NWPR), as:

- (a) Jurisdictional waters. For purposes of the Clean Water Act, 33 U.S.C. 1251 *et seq.* and its implementing regulations, subject to the exclusions in paragraph (b) of this section, the term "waters of the United States" means:
 - (1) The territorial seas, and waters which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including waters which are subject to the ebb and flow of the tide;
 - (2) Tributaries;

⁶ U.S. Environmental Protection Agency & Department of Defense. 2020. Federal Register / Vol. 85, No. 77 / Tuesday, April 21, 2020 / Rules and Regulations.

- (3) Lakes and ponds, and impoundments of jurisdictional waters; and
- (4) Adjacent wetlands.
- (b) Non-jurisdictional waters. The following are not "waters of the United States":
 - (1) Waters or water features that are
 - not identified in paragraph (a)(1), (2), (3), or (4) of this section;
 - (2) Groundwater, including groundwater drained through subsurface drainage systems;
 - (3) Ephemeral features, including ephemeral streams, swales, gullies, rills, and pools;
 - (4) Diffuse stormwater run-off and directional sheet flow over upland;
 - (5) Ditches that are not waters identified in paragraph (a)(1) or (2) of this section, and those portions of ditches constructed in waters identified in paragraph (a)(4) of this section that do not satisfy the conditions of paragraph (c)(1) of this section;
 - (6) Prior converted cropland;
 - (7) Artificially irrigated areas, including fields flooded for agricultural production, that would revert to upland should application of irrigation water to that area cease;
 - (8) Artificial lakes and ponds, including water storage reservoirs and farm, irrigation, stock watering, and log cleaning ponds, constructed or excavated in upland or in non-jurisdictional waters, so long as those artificial lakes and ponds are not impoundments of jurisdictional waters that meet the conditions of paragraph (c)(6) of this section;
 - (9) Water-filled depressions constructed or excavated in upland or in non-jurisdictional waters incidental to mining or construction activity, and pits excavated in upland or in non-jurisdictional waters for the purpose of obtaining fill, sand, or gravel;
 - (10) Stormwater control features constructed or excavated in upland or in nonjurisdictional waters to convey, treat, infiltrate, or store stormwater runoff;
 - (11) Groundwater recharge, water reuse, and wastewater recycling structures, including detention, retention, and infiltration basins and ponds, constructed or excavated in upland or in non-jurisdictional waters; and
 - (12) Waste treatment systems.

In the absence of wetlands, the limits of Corps jurisdiction in non-tidal waters, such as intermittent streams, extend to the OHWM which is defined at 33 CFR 328.3(e) as:

...that line on the shore established by the fluctuation of water and indicated by physical characteristics such as clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas.

1. Wetland Definition Pursuant to Section 404 of the Clean Water Act

The term "wetlands" (a subset of "waters of the United States") is defined at 33 CFR 328.3(b) as "those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support...a prevalence of vegetation typically adapted for life in saturated soil conditions." In 1987 the Corps published the Wetland Manual to guide its field personnel in determining jurisdictional wetland boundaries. The methodology set forth in the Wetland Manual and the Arid West Supplement generally require that, in order to be considered a wetland, the vegetation, soils, and hydrology of an area exhibit at least minimal hydric characteristics. While the Wetland Manual and Arid West Supplement provide great detail in methodology and allow for varying special conditions, a wetland should normally meet each of the following three criteria:

- More than 50 percent of the dominant plant species at the site must be typical of wetlands (i.e., rated as facultative or wetter in the Arid West 2016 Regional Wetland Plant List⁷,⁸);
- Soils must exhibit physical and/or chemical characteristics indicative of permanent or periodic saturation (e.g., a gleyed color, or mottles with a matrix of low chroma indicating a relatively consistent fluctuation between aerobic and anaerobic conditions); and
- Whereas the Wetland Manual requires that hydrologic characteristics indicate that the ground is saturated to within 12 inches of the surface for at least five percent of the growing season during a normal rainfall year, the Arid West Supplement does not include a quantitative criteria with the exception for areas with "problematic hydrophytic vegetation", which require a minimum of 14 days of ponding to be considered a wetland.

B. Regional Water Quality Control Board

The State Water Resource Control Board and each of its nine Regional Boards regulate the discharge of waste (dredged or fill material) into waters of the United States⁹ and waters of the

⁷ Lichvar, R.W., D.L. Banks, W.N. Kirchner, and N.C. Melvin. 2016. Arid West 2016 Regional Wetland Plant List. Phytoneuron 2016-30: 1-17. Published 28 April 2016.

⁸ Note the Corps also publishes a National List of Plant Species that Occur in Wetlands (Lichvar, R.W., D.L. Banks, W.N. Kirchner, and N.C. Melvin. 2016. The National Wetland Plant List: 2016 wetland ratings. Phytoneuron 2016-30: 1-17. Published 28 April 2016.); however, the Regional Wetland Plant List should be used for wetland delineations within the Arid West Region.

⁹ Therefore, wetlands that meet the current definition, or any historic definition, of waters of the U.S. are waters of the state. In 2000, the State Water Resources Control Board determined that all waters of the U.S. are also waters of the state by regulation, prior to any regulatory or judicial limitations on the federal definition of waters of the U.S.

State. Waters of the United States are defined above in Section II.A and waters of the State are defined as "any surface water or groundwater, including saline waters, within the boundaries of the state" (California Water Code 13050[e]).

Section 401 of the CWA requires certification for any federal permit or license authorizing impacts to waters of the U.S. (i.e., waters that are within federal jurisdiction), such as Section 404 of the CWA and Section 10 of the Safe Rivers and Harbors Act, to ensure that the impacts do not violate state water quality standards. When a project could impact waters outside of federal jurisdiction, the Regional Board has the authority under the Porter-Cologne Water Quality Control Act to issue Waste Discharge Requirements (WDRs) to ensure that impacts do not violate state water quality standards. Clean Water Act Section 401 Water Quality Certifications, WDRs, and waivers of WDRs are also referred to as orders or permits.

1. State Wetland Definition

The State Board Wetland Definition and Procedures define an area as wetland as follows: An area is wetland if, under normal circumstances, (1) the area has continuous or recurrent saturation of the upper substrate caused by groundwater, or shallow surface water, or both; (2) the duration of such saturation is sufficient to cause anaerobic conditions in the upper substrate; and (3) the area's vegetation is dominated by hydrophytes or the area lacks vegetation.

The following wetlands are waters of the State:

- 1. Natural wetlands:
- 2. Wetlands created by modification of a surface water of the state; 10 and
- 3. Artificial wetlands it that meet any of the following criteria:

(California Code or Regulations title 23, section 3831(w)). This regulation has remained in effect despite subsequent changes to the federal definition. Therefore, waters of the state includes features that have been determined by the U.S. Environmental Protection Agency (U.S. EPA) or the U.S. Army Corps of Engineers (Corps) to be "waters of the U.S." in an approved jurisdictional determination; "waters of the U.S." identified in an aquatic resource report verified by the Corps upon which a permitting decision was based; and features that are consistent with any current or historic final judicial interpretation of "waters of the U.S." or any current or historic federal regulation defining "waters of the U.S." under the federal Clean Water Act.

¹⁰ "Created by modification of a surface water of the state" means that the wetland that is being evaluated was created by modifying an area that was a surface water of the state at the time of such modification. It does not include a wetland that is created in a location where a water of the state had existed historically, but had already been completely eliminated at some time prior to the creation of the wetland. The wetland being evaluated does not become a water of the state due solely to a diversion of water from a different water of the state.

¹¹ Artificial wetlands are wetlands that result from human activity.

- a. Approved by an agency as compensatory mitigation for impacts to other waters of the state, except where the approving agency explicitly identifies the mitigation as being of limited duration;
- b. Specifically identified in a water quality control plan as a wetland or other water of the state;
- c. Resulted from historic human activity, is not subject to ongoing operation and maintenance, and has become a relatively permanent part of the natural landscape; or
- d. Greater than or equal to one acre in size, unless the artificial wetland was constructed, and is currently used and maintained, primarily for one or more of the following purposes (i.e., the following artificial wetlands are not waters of the state unless they also satisfy the criteria set forth in 2, 3a, or 3b):
 - i. Industrial or municipal wastewater treatment or disposal,
 - ii. Settling of sediment,
 - iii. Detention, retention, infiltration, or treatment of stormwater runoff and other pollutants or runoff subject to regulation under a municipal, construction, or industrial stormwater permitting program,
 - iv. Treatment of surface waters,
 - v. Agricultural crop irrigation or stock watering,
 - vi. Fire suppression,
 - vii. Industrial processing or cooling,
 - viii. Active surface mining even if the site is managed for interim wetlands functions and values,
 - ix. Log storage,

issue or waive waste discharge requirements or take other actions as applicable.

- x. Treatment, storage, or distribution of recycled water, or
- xi. Maximizing groundwater recharge (this does not include wetlands that have incidental groundwater recharge benefits); or
- xii. Fields flooded for rice growing. 12

All artificial wetlands that are less than an acre in size and do not satisfy the criteria set forth in 2, 3.a, 3.b, or 3.c are not waters of the state. If an aquatic feature meets the wetland definition, the burden is on the applicant to demonstrate that the wetland is not a water of the state.

¹² Fields used for the cultivation of rice (including wild rice) that have not been abandoned due to five consecutive years of non-use for the cultivation of rice (including wild rice) that are determined to be a water of the state in accordance with these Procedures shall not have beneficial use designations applied to them through the Water Quality Control Plan for the Sacramento and San Joaquin River Basins, except as otherwise required by federal law for fields that are considered to be waters of the United States. Further, agricultural inputs legally applied to fields used for the cultivation of rice (including wild rice) shall not constitute a discharge of waste to a water of the state. Agricultural inputs that migrate to a surface water or groundwater may be considered a discharge of waste and are subject to waste discharge requirements or waivers of such requirements pursuant to the Water Board's authority to

C. California Department of Fish and Wildlife

Pursuant to Division 2, Chapter 6, Sections 1600-1603 of the California Fish and Game Code, the CDFW regulates all diversions, obstructions, or changes to the natural flow or bed, channel, or bank of any river, stream, or lake, which supports fish or wildlife.

CDFW defines a stream (including creeks and rivers) as "a body of water that flows at least periodically or intermittently through a bed or channel having banks and supports fish or other aquatic life. This includes watercourses having surface or subsurface flow that supports or has supported riparian vegetation." CDFW's definition of "lake" includes "natural lakes or manmade reservoirs." CDFW also defines a stream as "a body of water that flows, or has flowed, over a given course during the historic hydrologic regime, and where the width of its course can reasonably be identified by physical or biological indicators."

It is important to note that the Fish and Game Code defines fish and wildlife to include: all wild animals, birds, plants, fish, amphibians, invertebrates, reptiles, and related ecological communities including the habitat upon which they depend for continued viability (FGC Division 5, Chapter 1, section 45 and Division 2, Chapter 1 section 711.2(a) respectively). Furthermore, Division 2, Chapter 5, Article 6, Section 1600 et seq. of the California Fish and Game Code does not limit jurisdiction to areas defined by specific flow events, seasonal changes in water flow, or presence/absence of vegetation types or communities.

III. RESULTS

The Project site contains portions of six drainage features (Drainages A through F) that are subject to the jurisdictions of the Corps, Regional Board, and/or CDFW. The six drainage features are part of two separate drainage systems, both of which have been modified at the downstream end for flood protection. Five of the six drainage features (B through F) are identified in the USFWS National Wetland Inventory (NWI). Although the NWI references can be useful in performing jurisdictional delineations, the designations themselves do not convey a regulatory status to the drainage features, including as wetlands protected pursuant to CEQA. Determination of the presence wetlands and other riparian habitat were made based on criteria of the Corps, Regional Board, and/or CDFW.

Drainage E represents Bradbury Canyon, the majority of which is located within proposed Open Space areas of the Specific Plan, although part of the natural portion of Bradbury Canyon is located within proposed remedial grading and fuel modifications areas of the development footprint. A portion of the Bradbury Canyon Flood Control channel is located within Project's offsite improvement area. Bradbury Canyon originates offsite to the northeast, flowing generally

southwest before entering a large debris basin. Flows from the basin enter a concrete-lined flood control channel via a standpipe and a spillway. The Project's permanent grading footprint does not include the natural streambed of Bradbury Canyon, but does include a portion of the flood control channel where the proposed access road will cross the channel. In addition, the remedial grading footprint includes a small portion of the natural bottom of Bradbury Canyon and the fuel modification zone includes portions of the southern slope of the canyon. Drainage A consists of a relatively short (200 linear feet) ephemeral drainage that due to flood control modifications no longer has a streambed connection to Bradbury Canyon. However, some flows from Drainage A are expected to run into the debris basin. The majority of Bradbury Canyon is identified by the NWI as a Freshwater Forested/Shrub Wetland, with the Bradbury Debris Basin identified as a Freshwater Pond and Freshwater Emergent Wetland.

Spinks Canyon is located east of the Project. A small portion of the property boundary overlaps with a jurisdictional portion of the Spinks Canyon (identified here as Drainage F); however, this portion will not be directly impacted by the Project. The NWI identifies this portion of Spinks Canyon as a Riverine System.

Drainages B, C, and D are part of a larger overall drainage complex within the Project site that is tributary to Spinks Canyon. Spinks Canyon flows into a large debris basin to the southeast of the Project site. Drainage B originates onsite in the north-central portion of the site, flowing south and the southeast before entering a corrugated pipe culvert under the flood control access road before entering the Spinks Canyon debris basin. The upper part of Drainage B is vegetated with Scrub Oak Chaparral and Mixed Chaparral, with the lower portion supporting the California Sycamore/Coast Live Oak Woodland. The western portion of the watershed for Drainage has been modified to construct several smaller debris basins (Spinks Debris Disposal Area) that protect properties to the south and moderate runoff into the Spinks Canyon debris basin. Drainage C and D generally originate onsite and both connect to a smaller, offsite debris basin before entering a pipe and extending under the flood control access road to the Spinks Canyon debris basin. The NWI identifies Drainage B as a Freshwater Forested/Shrub Wetland. Drainages C and D are identified by the NWI and Riverine System.

A. Corps Jurisdiction

The overall Study Area (including the Specific Plan and offsite improvement area) contains approximately 1.55 acres of drainage features exhibiting characteristics associated with waters of the U.S. and that may be regulated by the Corps [Exhibit 7 – Corps/RWQCB Jurisdictional Delineation/Impact Map]. However, pursuant to the recent *Navigable Waters Protection Rule*, it is possible that some of the drainage features within the Study Area (including proposed impact areas) might not meet the updated definitions of waters of the U.S. upon further review by the Corps. As such, this report acknowledges a maximum of 1.55 acres of waters of the U.S., which

might become reduced during coordination with the Corps to obtain a CWA Section 404 permit. A separate Jurisdictional Delineation Report is attached as Appendix A.

The portions of the delineation areas that were observed directly in the field (Specific Plan development footprint and the offsite improvement area) do not contain jurisdictional wetlands. GLA accessed portions of Bradbury Canyon within the proposed open space that did not exhibit wetland indicators; however, other portions of Bradbury Canyon within the open space may support wetlands since GLA observed flowing water in upper portions of the Canyon.

Of the 1.55 acres of potential Corps jurisdiction, approximately 1.34 acres are associated with the Specific Plan (Table 1), with 0.21 acres associated with the offsite improvement area (Table 2).

Table 1. Summary of Corps Jurisdiction for the Specific Plan

| Drainage | Non-Wetland | Wetlands | Total |
|-------------------|-------------|----------|-------|
| | Waters | | |
| В | 0.17 | 0 | 0.17 |
| С | 0.13 | 0 | 0.13 |
| D | 0.08 | 0 | 0.08 |
| Е | | 0 | |
| (Bradbury Canyon) | 0.93 | | 0.93 |
| F | | | |
| (Spinks Canyon) | 0.03 | 0 | 0.03 |
| Total | 1.34 | 0 | 1.34 |

Table 2. Summary of Corps Jurisdiction for the Offsite Improvement Areas

| Drainage | Non-Wetland | Wetlands | Total |
|-----------------|-------------|----------|-------|
| | Waters | | |
| A | 0.01 | 0 | 0.01 |
| В | 0.11 | 0 | 0.11 |
| Е | | | |
| (Flood Control) | 0.09 | 0 | 0.09 |
| Total | 0.21 | 0 | 0.21 |

B. Regional Water Quality Control Board Jurisdiction

The same areas identified as potential waters of the U.S. (i.e. Corps jurisdiction) would be regulated by the Regional Board either pursuant to CWA Section 401 or Section 13050[e] of the California Water Code 13050, depending on the status of drainage features as waters of the U.S. Regardless, the Study Area contains approximately 1.55 acres of waters regulated by the Regional Board, including 1.34 acres within the Specific Plan area, and 0.21 acres within the offsite improvement [Exhibit 3A – Corps/RWQCB Jurisdictional Delineation/Impact Map]. Tables 3 and 4 summarize Regional Board jurisdiction for the Specific Plan and offsite improvement area, respectively.

Table 3. Summary of Regional Board Jurisdiction for the Specific Plan

| Drainage | Non-Wetland | Wetlands | Total |
|-------------------|-------------|----------|-------|
| | Waters | | |
| В | 0.17 | 0 | 0.17 |
| С | 0.13 | 0 | 0.13 |
| D | 0.08 | 0 | 0.08 |
| Е | | 0 | |
| (Bradbury Canyon) | 0.93 | | 0.93 |
| F | | | |
| (Spinks Canyon) | 0.03 | 0 | 0.03 |
| Total | 1.34 | 0 | 1.34 |

Table 4. Summary of Regional Board Jurisdiction for the Offsite Improvement Area

| Drainage | Non-Wetland | Wetlands | Total |
|-----------------|-------------|----------|-------|
| | Waters | | |
| A | 0.01 | 0 | 0.01 |
| В | 0.11 | 0 | 0.11 |
| Е | | | |
| (Flood Control) | 0.09 | 0 | 0.09 |
| Total | 0.21 | 0 | 0.21 |

C. CDFW Jurisdiction

The overall Study Area (including the Specific Plan and offsite improvement area) contains approximately 13.57 acres of CDFW jurisdiction, including 11.30 acres within the Specific Plan and 2.27 acres within the offsite improvement area [Exhibit 3B – CDFW Jurisdictional Delineation/Impact Map]. Approximately 12.71 acres of riparian vegetation has been mapped within the Study Area based on field observations, including 10.54 acres within the Specific Plan and 2.17 acres within the offsite improvement area. Additional riparian vegetation might be present within portions of the open space that were not accessed for the field studies. However, these areas would not be impacted by the Project (direct or indirect) and therefore the amount of riparian vegetation in these avoided areas (or the lack thereof) is not relevant to the analysis. Tables 5 and 6 summarize CDFW jurisdiction for the Specific Plan and offsite improvement area, respectively.

Table 5. Summary of CDFW Jurisdiction for the Specific Plan

| Drainage | Unvegetated Streambed | Riparian Vegetation | Total |
|-------------------|--------------------------|------------------------|-------|
| В | 0.23 | 0.04 | 0.27 |
| С | 0.13 | 0 | 0.13 |
| D | 0.08 | 0 | 0.08 |
| Е | | | |
| (Bradbury Canyon) | 0.29 | 10.50 | 10.79 |
| F | | | |
| (Spinks Canyon) | 0.03 | 0 | 0.03 |
| Total | 0.76 | 10.54 | 11.30 |

Table 6. Summary of CDFW Jurisdiction for the Offsite Improvement Area

| Drainage | Unvegetated | Riparian | Total |
|-----------------|-------------|------------|-------|
| | Streambed | Vegetation | |
| A | 0.01 | 0 | 0.01 |
| В | 0 | 2.17 | 2.17 |
| Е | | | |
| (Flood Control) | 0.09 | 0 | 0.09 |
| Total | 0.10 | 2.17 | 2.27 |

If you have any questions about this letter report, please contact David Moskovitz at (949) 340-2562 or at dmoskovitz@wetlandpermitting.com.

Sincerely,

GLENN LUKOS ASSOCIATES, INC.

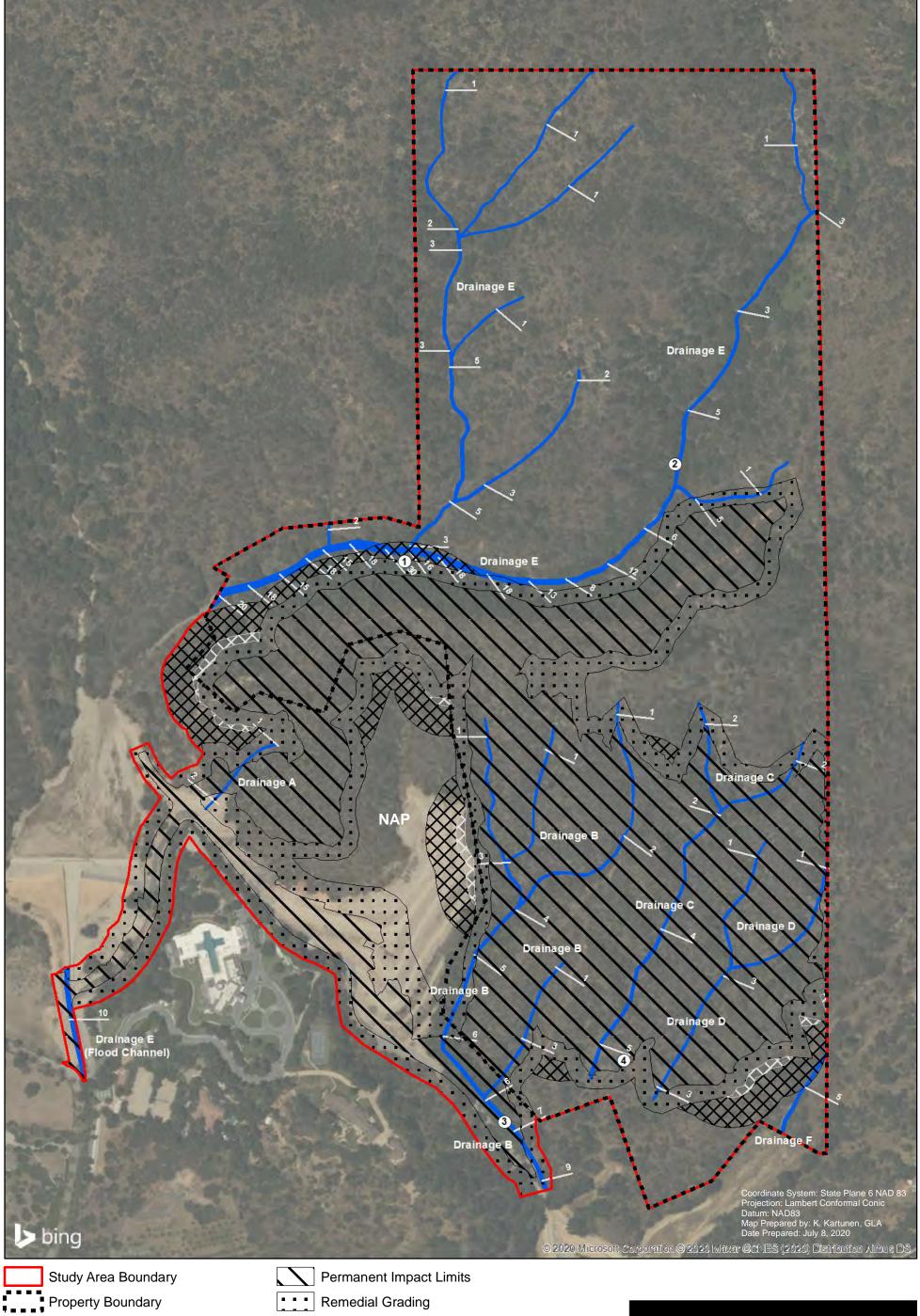
Paul 7. Mosty

David F. Moskovitz Regulatory Specialist

p:1260-02a.JD rpt.docx

Exhibit 1

Regional Map





Width in Feet

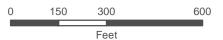
Corps/RWQCB Non-Wetland Waters

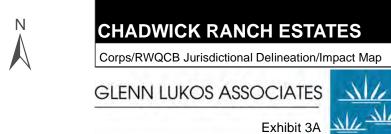
Permanent Impact Limits

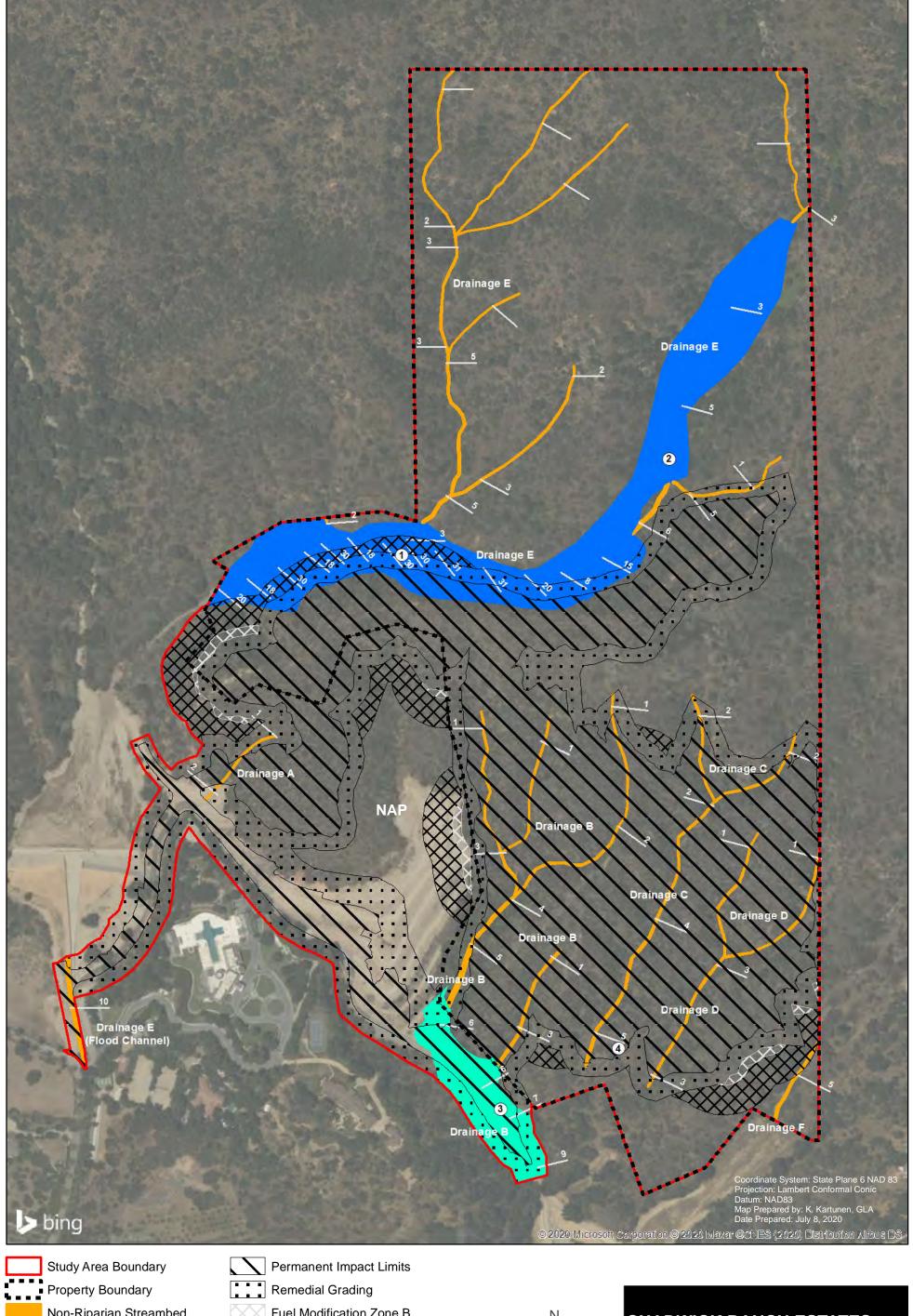
Remedial Grading

Fuel Modification Zone B

Fuel Modification Zone C









N

600

CHADWICK RANCH ESTATES

CDFW Jurisdictional Delineation/Impact Map



Exhibit 4



Photograph 1. View of Bradbury Canyon looking east.



Photograph 3: View from the southern portion of the offsite improvement area looking at Drainage B.



Photograph 2. View of Bradbury Canyon looking east depicting the area where the flows terminated.



Photograph 4. View from the southeastern portion of the Project site looking at Drainage C.

APPENDIX M-2 LANDSCAPE PLAN



