

WEED CONTROL PLAN

Sycamore-Peñasquitos 230 Kilovolt (kV) Transmission Line Project

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Prepared for:

San Diego Gas & Electric Company
8315 Century Park Court
San Diego, California 92123-1548
Phone: (858) 654-1239

Prepared by:

Chambers Group, Inc.
6920 Chesapeake Drive, Suite 202
San Diego, California 92123
Phone: (949) 261-5414 Ext. 7288

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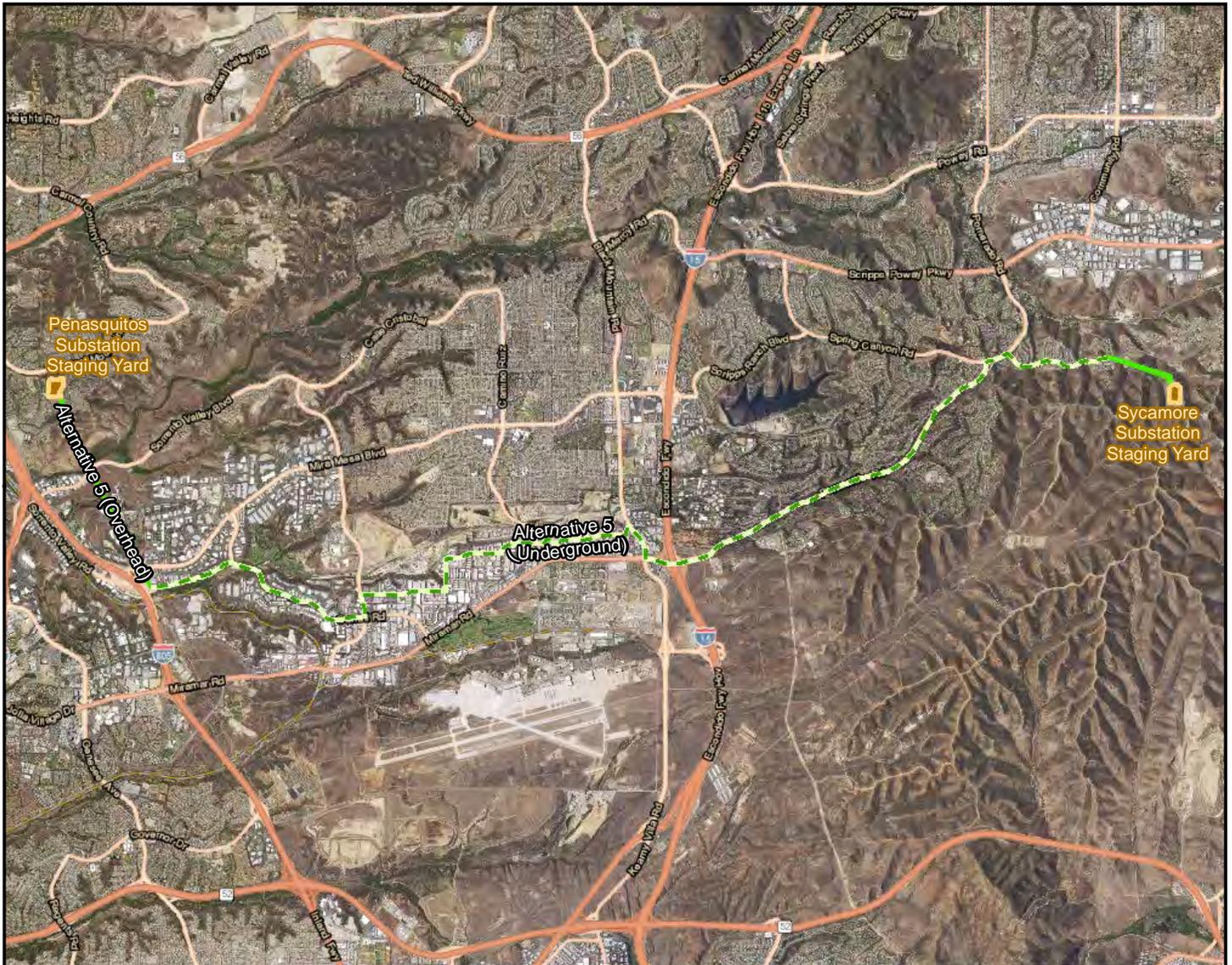
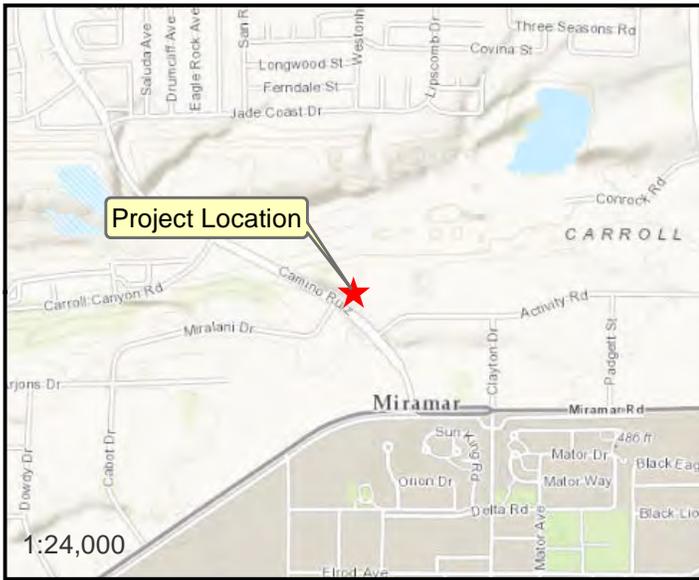
1.0 INTRODUCTION

This adaptive Weed Control Plan (Plan) describes the measures and best management practices (BMPs) that will be implemented by San Diego Gas & Electric Company (SDG&E) and its contractors to avoid and minimize the establishment and spread of noxious and invasive plant species during construction of the 230-kilovolt (kV) transmission line between the existing Sycamore Canyon and Peñasquitos Substations). This Plan will satisfy Mitigation Measure (MM) Biology-3 (Weed Control Plan), as described in the Final Environmental Impact Report (FEIR) Mitigation Monitoring, Compliance and Reporting Program (MMCRP). This Plan also addresses compliance with Applicant Proposed Measure HAZ-4: SDG&E Protocol for Herbicide Application and SDG&E's Subregional Natural Community Conservation Plan (NCCP). For the purpose of this document, noxious weeds and invasive plant species, collectively referred to as "weeds," are invasive, non-native plant species that have been identified by the California Invasive Plant Council (Cal-IPC). Appendix A: Non-Native/Invasive Species Observed includes a list of non-native plant species known to occur within the Project limits compiled as part of a floristic inventory in 2016.

PROJECT DESCRIPTION

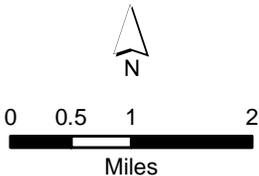
SDG&E is proposing the construction and operation of a 230kV transmission line between the existing Sycamore Canyon and Peñasquitos Substations. The Project consists of approximately 14-miles traversing through developed residential and commercial areas as well as undeveloped areas (Figure 1) and includes the following components:

- Segment A - Construction of approximately 0.74 mile of new 230 kV transmission line and relocated 138kV power line on new tubular steel poles (mono-pole structures) and steel H-frame structures all within existing SDG&E Right-of-Way (ROW) located between the existing Sycamore Canyon Substation and a trail originating at Stonebridge Parkway. Construction of a new cable pole at the transition point from overhead to underground.
- Segment B - Construction of approximately 11.45 miles of 230 kV underground transmission line in existing roads and bridges.
- Segment C — Construction of approximately 2.2 miles of new 230 kV transmission line and all-dielectric self-supporting (ADSS) communication cable on existing 230 kV tubular steel poles within existing SDG&E ROW from Scranton Road to Peñasquitos Substation. Construction of a new cable pole at the transition point from underground to overhead.
- Minor modifications of the existing Sycamore Canyon and Peñasquitos Substations to allow for connection of the new 230 kV transmission line.



Legend

- Project Alignment (Overhead)
- - - Project Alignment (Underground)
- Substation



OBJECTIVES

The purpose of this Plan is to identify weed control and abatement methods, practices and recommend treatment timing for all areas of earth disturbance where weeds could establish. The management practices and activities in this Plan are intended to accomplish the following objectives:

- Identify Project areas where earth disturbance is proposed and whether there are weed populations that have the potential to establish and spread outside of the area.
- Describe weed-control and abatement methods and practices to be employed during construction, and operation/maintenance, to minimize the establishment and spread of weed species.
- Prevent the introduction of new invasive species that are not currently known to occur in the Project area.

2.0 APPLICABLE MITIGATION MEASURE AND APPLICANT PROPOSED MEASURES

MITIGATION MONITORING, COMPLIANCE, AND REPORTING PROGRAM

MITIGATION MEASURE (MM) BIOLOGY-3: WEED CONTROL PLAN states the following:

“SDG&E shall prepare and implement a comprehensive, adaptive Weed Control Plan for pre-construction and long-term invasive, non-native species abatement. Developed land shall be excluded from weed control. Where SDG&E owns the property, the Weed Control Plan shall include specific weed abatement methods, practices, and treatment timing developed specifically for the Project area by qualified individuals with at least 5 years of weed control experience within San Diego County. The Weed Control Plan shall address control methods and issues controlling invasive non-native species within all vegetation communities and land cover types found along the Project alignment. On ROW easement on MCAS Miramar, the Weed Control Plan shall incorporate all appropriate and legal U.S. Marine Corps-stipulated regulations. The Weed Control Plan shall be submitted to MCAS Miramar for final authorization of weed control methods, practices, and timing prior to implementation of weed control on MCAS Miramar. The Weed Control Plan shall be submitted to the City of San Diego for final authorization of weed control methods, practices, and timing prior to implementation of any weed control within the City of San Diego MHPA.

The Weed Control Plan shall include the following:

- *A pre-construction weed inventory shall be conducted by surveying the entire ROW and areas immediately adjacent to the ROW where access permission is obtained as well as at all ancillary facilities associated with the Project for weed populations that: are considered by the San Diego County Agriculture Commissioner or, MCAS Miramar (for ROW on MCAS Miramar), or City of San Diego (for ROW within the City of San Diego MHPA) as being a priority for control, (2) are weed populations that are rated High or Moderate for negative ecological impact in the California Invasive Plant Inventory (online) Database (Cal-IPC 2006 [and 2007 update]; <http://www.cal-ipc.org/ip/inventory/index.php>) or are weed species of concern to MCAS Miramar (for ROW on MCAS Miramar), and (3) aid and promote the spread of wildfires in San Diego County.*
- *Prolific wildfire promoting species such as brome grasses (Bromus spp.) shall be mapped but not targeted for control outside of Project impact areas. These populations shall be mapped and described according to density and area covered. These plant species shall be treated prior to construction or at a time when treatments would be most effective based on phenology according to control methods and practices for invasive weed populations included in the Weed Control Plan, or required by MCAS Miramar, or City of San Diego.*
- *Weed control treatments shall include all legally permitted methods to be used in the following prioritized order: preventative, manual, mechanical, and chemical.*
- *All treatments shall be applied with the authorization of MCAS Miramar and City of San Diego as appropriate.*

- *The application of herbicides shall be in compliance with all state and federal laws and regulations under the prescription of a Pest Control Advisor (PCA) and implemented by a Licensed Qualified Applicator.*
- *Where manual and/or mechanical methods are used, disposal of the plant debris will be within an approved landfill area within San Diego County.*
- *The timing of the weed control treatment shall be determined for each plant species in consultation with the PCA for the Project, and with MCAS Miramar, and City of San Diego as appropriate, with the goal of controlling populations before they start producing seeds. For the lifespan of the project (i.e., as long as the project is physically present), long-term measures to control the introduction and spread of weeds in the project area shall be taken as follows.*
 - *From the time construction begins until 2 years after construction is complete, annual surveying for new invasive weed populations and the monitoring of identified and treated populations shall be required in the survey areas described above. After this time, surveying for new invasive weed populations and monitoring of identified and treated populations shall be required at an interval of every two years. However, the treatment of weeds shall occur on a minimum annual basis, unless otherwise approved by the PCA, MCAS Miramar, and City of San Diego as appropriate.*
 - *During project construction and operation/maintenance, all seeds and straw materials shall be certified weed free, and all gravel and fill material shall also be certified weed free.*
 - *During project construction, vehicle and boot wash stations shall be provided.”*

APPLICANT PROPOSED MEASURE HAZ-4: SDG&E PROTOCOL FOR HERBICIDE APPLICATION states:

“All herbicides utilized during maintenance around transmission and power line structures would follow SDG&E’s existing procedures for application of herbicides.”

3.0 PLAN IMPLEMENTATION

SDG&E and its contractors will take all reasonable measures to control the spread of noxious and invasive plants during Project construction. SDG&E and its contractors will adhere to the requirements of the MMCRP, and implement all applicable methods and practices within the Plan. Once the Project components become energized, operation and maintenance activities will be conducted in accordance with SDG&E's Natural Communities Conservation Plan.

PRECONSTRUCTION WEED SURVEY RESULTS

Weed Species Observations

A pre-construction weed inventory survey was conducted on and immediately adjacent to the Project ROW to identify weed species that are rated 'High' or 'Moderate' for negative ecological impact in the California Invasive Plant Inventory (online) Database, are weed species of concern to MCAS Miramar, or aid and promote the spread of wildfires in San Diego County. Weed species were mapped within undeveloped areas of the Project ROW Appendix B: Weed Community Maps. The areas surveyed are depicted in yellow on the overview map (Appendix B) with detailed maps provided for areas containing weed populations. Surveyed areas lacking weeds are not displayed in the detailed mapset to reduce the overall size of the mapset. Of the seven staging yards included with this Project (1A, 1B, 2, 3, Shire, Driving Range and Stonebridge), only the Stonebridge staging yard had recorded weed polygons and therefore is the only staging yard included in the detailed mapset.

Weed species were mapped according to one of three vegetative cover classes based on visual estimates of absolute cover within a mapped polygon. These classes include:

- **(L)** = represents **Low** vegetative coverage values, from an estimated 1-9 percent.
- **(M)** = represents **Moderate** vegetative coverage values, from an estimated 10-24 percent.
- **(H)** = represents **High** vegetative coverage values, from an estimated 25-100 percent.

Weed species mapped as part of the weed inventory survey (Table 1; and depicted on Appendix B: Weed Community Maps) include those species identified with a high priority for removal or whose total area occupied on site is greater than 0.001 acre. The “†” symbol after the scientific name designates species identified as a priority for control with a Moderate or High designation by Cal-IPC (Cal-IPC 2006); that are considered invasive by MCAS Miramar (MCAS 2011); that have an impact score greater than 10 from the City of San Diego (CISAC 2010); or are on the San Diego County's Watch List (SDWMA 2016; CDEA 2016). Where applicable, the recommended timing for herbicide application is also provided in Table 1.

Table 1: Non-Native/Invasive Plant Species Mapped within the Project ROW

Common Name	Scientific Name	Area Occupied Onsite (Acres) ¹	Timing for Herbicide Treatment ²
ripgut grass	<i>Bromus diandrus</i>	4.938	Treat postemergence from late fall

Table 1: Non-Native/Invasive Plant Species Mapped within the Project ROW

Common Name	Scientific Name	Area Occupied Onsite (Acres) ¹	Timing for Herbicide Treatment ²
			to early spring
Russian thistle	<i>Salsola tragus</i> †	2.829	Postemergence to small, rapidly growing plants before seed set from early to mid-summer
shortpod mustard	<i>Hirschfeldia incana</i> †	1.216	Early spring postemergence prior to bolting
pampas grass	<i>Cortaderia selloana</i> †	1.055	Postemergence. Best in late summer or fall, after flowering
Mediterranean schismus	<i>Schismus barbatus</i>	1.054	Postemergence in early spring when plants are growing rapidly
tamarisk	<i>Tamarix</i> sp. †	0.857	Broadcast spraying should be conducted in late summer or early fall; cut stump treatments can be made year-round outside of severe drought conditions
blackwood acacia	<i>Acacia melanoxylon</i> †	0.758	Cut stump treatment can be made year-round
foxtail chess	<i>Bromus madritensis</i> subsp. <i>rubens</i>	0.347	Treat postemergence from late fall to early spring
natal grass	<i>Melinis repens</i>	0.344	Postemergence to rapidly growing plants from mid-summer to fall at time of flowering
Italian thistle	<i>Carduus pycnocephalus</i> †	0.234	Postemergence to rapidly growing plants in bud stage
totalote	<i>Centaurea melitensis</i> †	0.231	Postemergence from bolting to beginning of flowering
fennel	<i>Foeniculum vulgare</i> †	0.212	Postemergence to fully developed leaves but before flowering/bolting
fountain grass	<i>Pennisetum</i> † <i>setaceum</i>	0.193	Postemergence to rapidly growing plants from mid-summer to fall at time of flowering
bristly ox-tongue	<i>Helminthotheca echioides</i>	0.190	Postemergence to seedlings or plants before bolting
blue gum	<i>Eucalyptus globulus</i> †	0.171	Late summer to early fall
Mexican fan palm	<i>Washingtonia robusta</i> †	0.124	Late summer to early fall
tree tobacco	<i>Nicotiana glauca</i> †	0.075	Postemergence when plants are growing rapidly
slender wild oat	<i>Avena barbata</i> †	0.065	Postemergence when plants are less than 18 inches in height and rapidly

Table 1: Non-Native/Invasive Plant Species Mapped within the Project ROW

Common Name	Scientific Name	Area Occupied Onsite (Acres) ¹	Timing for Herbicide Treatment ²
			growing
cardoon; artichoke thistle	<i>Cynara cardunculus</i> †	0.059	Postemergence in winter to early spring before bolting
Perez's marsh-rosemary; statice	<i>Limonium perezii</i>	0.040	Postemergence when plants are growing rapidly
stinkwort	<i>Dittrichia graveolens</i> †	0.033	Postemergence to rapidly growing plants in late spring to early summer
soft chess	<i>Bromus hordeaceus</i>	0.029	Treat postemergence from seedling to tiller stage when plants are growing rapidly
hottentot fig	<i>Carpobrotus edulis</i> †	0.028	Apply herbicide when the plant is rapidly growing
Australian saltbush	<i>Atriplex semibaccata</i> †	0.027	Postemergence to seedlings or to mature plants that are growing rapidly
purple rock rose	<i>Cistus incanus</i>	0.020	Postemergence when plants are growing rapidly
flax-leaved horseweed	<i>Erigeron bonariensis</i>	0.016	Postemergence when plants are growing rapidly in late summer, before bolting
white sweetclover	<i>Melilotus albus</i>	0.015	Postemergence when plants are growing rapidly
filaree	<i>Erodium</i> spp. †	0.011	Postemergence to rapidly growing plants
crystalline ice plant	<i>Mesembryanthemum crystallinum</i> †	0.010	Apply herbicide when the plant is rapidly growing
black mustard	<i>Brassica nigra</i> †	0.010	Postemergence when weeds are small and rapidly growing, but before flowering
crab grass	<i>Digitaria sanguinalis</i>	0.008	Postemergence from late spring to summer; or during fall after flowering and before dormancy
lamb's quarters	<i>Chenopodium album</i>	0.001	Postemergence when plants are growing rapidly

¹ Species have been arranged in decreasing order of coverage within the overhead transmission ROW and immediate vicinity of underground transmission and access roads.

² Generally, herbicide application is conducted from January through March on newly germinating seedlings for most species. Herbicide treatment listed here is presumed to be a glyphosate-based means of chemical control. Non-chemical control through use of manual pulling and mechanical cutting or disking may be performed at any time of the year prior to seed set.

† Species identified as a priority for control by Cal-IPC, the San Diego County Agriculture Commissioner, MCAS Miramar or the City of San Diego.

PREVENTION MEASURES

Flagging and Signage

Prior to conducting any ground-disturbing activities, survey crews and/or Project personnel will mark portions of approved work areas that contain localized populations of those species targeted for removal (i.e., species identified with a “†” symbol in Table 1). Areas will be marked using lath, signage, ribbon, and/or fencing to delineate avoidance and treatment areas.

Vegetation and Soil Management

Clearing and grading activities will be limited to the approved work limits. In areas along the north-south underground portion of the 230-kV transmission line and the overhead portion of the 230-kV transmission line that contain invasive species, cleared vegetation and the top 2 to 4 inches of soil will only be stockpiled adjacent to the area from which it was removed. Stockpiling of vegetative material and topsoil at staging yards or other work sites will not be authorized. This will reduce the transport of soil that may contain noxious weed seeds, roots, rhizomes, or other propagules. If the vegetative material and topsoil are to be hauled off site, the loads will be covered to prevent seed dispersal during transport to approved disposal facilities. Material will not be recycled or reused.

CONTROL MEASURES

Species Eradication and Removal

Weed control treatments shall include all legally permitted methods to be used in the following prioritized order: preventative, manual, mechanical, and chemical. Treatments shall not be applied without the authorization of the MCAS Miramar and City of San Diego, as appropriate. The application of herbicides shall be in compliance with all state and federal laws and regulations under the prescription of a Pest Control Advisor (PCA) and implemented by a Licensed Qualified Applicator. Where manual and/or mechanical methods are used, disposal of the plant debris will be within an approved landfill area within San Diego County following the regulations set by the San Diego County Agriculture Commissioner.

In undeveloped Project areas where weeds will not be removed (e.g., areas not designated for clearing, grading or excavation), weeds shall be treated prior to construction. SDG&E will endeavor to administer the weed control treatment for each plant species based on individual species' phenology (Table 1), with the goal of controlling populations before they start producing seeds; however, this may not be feasible based on the construction schedule. Where manual or mechanical removal is not feasible or in pure stands of invasive species that occupy large areas, weeds will be treated chemically. Herbaceous species will be treated with a foliar application of herbicide (e.g., 3 percent), and woody species will be treated using the cut-stump method, in which the plant is cut near ground level first and a concentrated form (e.g., 30 percent) of herbicide is applied within 5 minutes to the cut stump. Non-native brome grasses (*Bromus* spp.) were mapped, but are not targeted for control outside Project impact areas due to the ubiquitous nature of such species in San Diego County.

Cleaning

In order to control the introduction of new weed species, all construction equipment will be clean and free of all soil and vegetative material prior to mobilizing on the Project. Prior to entering the Project, equipment will be inspected by SDG&E to verify the equipment is free of soil or vegetative materials.

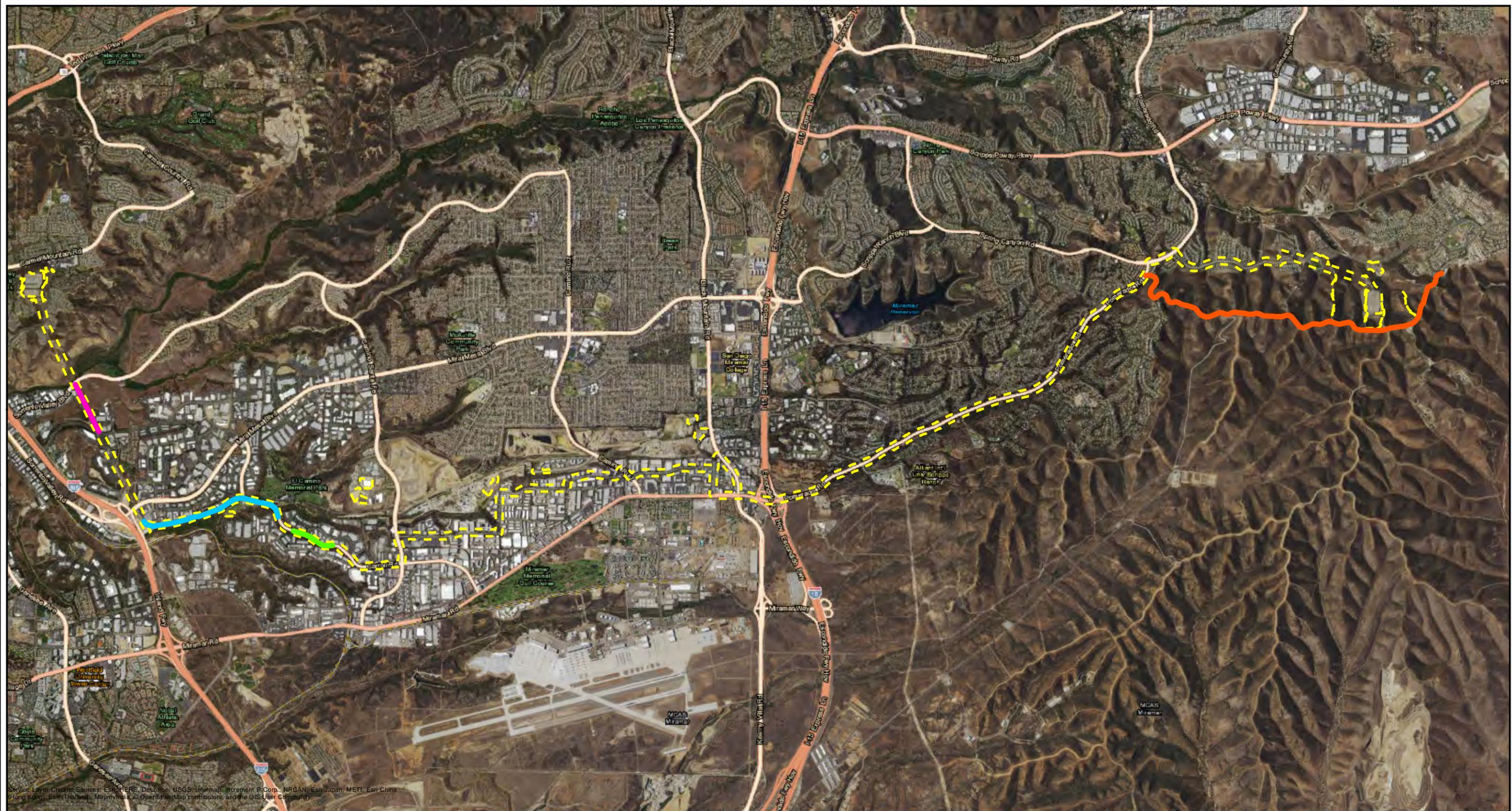
In order to reduce the threat of spreading weed species (Table 1), all heavy equipment used for clearing or grading will be cleaned prior to moving between or out of any designated weed zone(s) so as not to re-infest or add additional weed species to an already infested area. Weed zones will be delineated based on similar weedy species composition. The Project has been divided into four major zones (Table 2) where select weed species are currently confined to a particular area and occur in much lower densities or not at all along other sections of the alignment. The weed species identified in the designated weed zones are neither more invasive nor more abundant than any other weed species along the alignment; rather, the weed species used to identify zones are found exclusively in these locations. These weed zones are visually represented on Figure 2 and will be clearly marked in the field at the time of construction where appropriate. SDG&E or its designated representative will ensure that this equipment is cleaned prior to moving to uninfested areas and between zones.

Table 2: Major Weed Zones

Weed Zone	General Location	Select Weed Species
A	Northwest section of the alignment. The zone is located in an overhead portion between Sorrento Valley Boulevard and Lusk Boulevard.	Italian thistle
B	Southwestern section of the alignment. Zone begins at the western-most end of Carroll Canyon Road and extends to approximately 500 feet south of Fenton Road.	pampas grass, tamarisk, blackwood acacia
C	Southwestern section of the alignment. Zone is along Carroll Canyon Road. From west to east, the zone begins approximately 500 feet west of Brown Deer Road and extends to 800 feet west of Carroll Park Drive.	fennel
D	Eastern section of the alignment. The zone is located along the access road between Pomerado Road and Maple Grove Lane (just northeast of the Sycamore Substation).	natal grass and fountain grass

Cleaning methods may include the use of cleaning stations, as described below, located within Project staging yards or on paved/lined areas that can be swept clear of loose soil and debris. Soil will remain on site within the weed zone where it originated or disposed of off-site at a landfill or approved waste-management facility. Cleaning of equipment (e.g., shoes, tires, undercarriages, etc.) will consist of manual removal of potential seed-containing soil, debris, and vegetative material using hand tools such as brushes, picks, or shovels; and/or removal of the equipment to an off-site equipment cleaning facility. Once a noxious and invasive plant control area has been treated or cleared, and the topsoil has been stockpiled or removed from site, subsequent work and travel within the area can be conducted without cleaning.

In addition, a cleaning area will be provided at Project staging yards for Project personnel to remove mud from their boots.



Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, Mapbox, OpenStreetMap contributors, and the GIS User Community

- Legend**
- Weed Mapping Survey Area
 - Weed Zones**
 - Zone A
 - Zone B
 - Zone C
 - Zone D

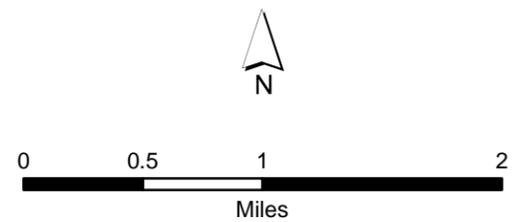


Figure 2
Weed Community Map
Proposed Project
Weed Zone

Weed-Free Products

All imported soil and material will be clean and weed-free. The Construction Contractor will use straw wattles, gravel, mulch, and soil that are free of weeds. If straw wattles are used, they must be certified “weed-free” by the manufacturer.

Noxious Weed Management

In accordance with Section 5.0 below, disturbed areas will be surveyed to detect new populations of any species targeted for removal (†) in Appendix A: Non-Native/Invasive Plant Species Observed. If new populations are detected, they will be removed as soon as practicable using hand tools or using other accepted management techniques.

4.0 MONITORING AND REPORTING

Implementation of this Plan will be monitored by SDG&E’s Environmental Inspectors and documented in daily and weekly monitoring reports and checklists. Monitoring reports will be provided to the California Public Utilities Commission as required by the Project’s MMCRP.

5.0 ONGOING WEED MANAGEMENT

SURVEYING

Annual weed inventory surveys of work areas in natural habitats where weeds could establish (e.g., undeveloped areas) will be conducted by a qualified biological monitor knowledgeable in applicable species identification starting one year after the start of construction and continue for two years after construction is complete. Surveys will not be conducted on areas where SDG&E does not have access permission from the landowner or entity with jurisdictional authority. Surveys will identify weed species considered by the San Diego County Agriculture Commissioner, MCAS Miramar or City of San Diego as a priority for control, rated ‘High’ or ‘Moderate’ for negative ecological impact in the California Invasive Plant Inventory (online) Database, are of concern to MCAS Miramar, or aid and promote the spread of wildfires in San Diego County. Surveys will also identify any weed species not present prior to construction.

SDG&E will monitor and control weeds to prevent establishment and limit the spread of localized invasive plant species that were not present prior to construction. Qualified biological monitors will have a minimum of 2 years’ experience identifying native and non-native plant species common in San Diego County. Monitors will have a working knowledge of dichotomous keys (e.g., Baldwin et al. 2012) or be able to consult with a more experienced botanist on a regular basis for any unknown species. Noxious weed management will include abatement efforts within the Project area and a 0-percent establishment criterion will be implemented for species with a Cal-IPC Alert status or “A” rating for weeds that were not known to occur within the Project site prior to construction. At year three, post-construction, surveys will continue every two years until no new weed species or populations (i.e., not previously documented prior to construction) are identified within undeveloped areas of the Project ROW. Once the Project

components become energized, operation and maintenance activities will be conducted in accordance with SDG&E's NCCP¹.

TREATMENT AND PREVENTION

SDG&E will treat weed populations identified in the surveys described above on an annual basis starting one year after construction is complete until no new weed species are identified within undeveloped areas of the Project ROW and existing weed populations along Project access roads and work areas are at or below their pre-Project coverage (as depicted in Appendix B: Weed Community Maps), unless otherwise approved by PCA, MCAS Miramar, or City of San Diego, as appropriate.

Treatment methods will consist of manual and/or mechanical removal and/or application of a pre-emergent herbicide. If chemical weed abatement methods are determined to be required, the application of these methods will be conducted in a manner that minimizes potential impacts to sensitive plant and wildlife species, such as the timing of implementation, the application rate for chemical controls, and the utilization of site-specific measures. In addition, herbicide use will be limited to pre-emergent, non-persistent herbicides and will be applied in accordance with label and application permit directions for terrestrial applications. Any weed control measures that require herbicide use will be applied by a licensed or certified applicator, under the recommendation of a licensed PCA. The timing of the weed control treatment shall be determined in coordination with a PCA, and with MCAS Miramar and the City of San Diego, as appropriate.

All seeds, straw materials, gravel and fill material used in the Project area during operations and maintenance will be certified weed free. All herbicides utilized during maintenance around transmission and power line structures will follow SDG&E's existing procedures for application of herbicides.

¹ Section 2.1.3.9 of the NCCP describes specific vegetation control techniques that will be utilized during operation and maintenance activities.

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APPENDIX A
Non-Native/Invasive Species Observed

Appendix A – Non-Native/Invasive Plant Species Observed

Scientific Name	Common Name	Cal-IPC Rating ¹	Cal-IPC Scores			MCAS ²	CISAC, Scorecard ³	CDFA/San Diego ⁴
			Impact	Invasiveness	Distribution			
ANGIOSPERMS (EUDICOTS)								
AIZOACEAE								
FIG-MARIGOLD FAMILY								
<i>Aptenia cordifolia</i> *	baby sun rose	NR	--	--	--	--	--	--
<i>Carpobrotus edulis</i> *†	hottentot-fig	Moderate	B	B	A	Present, NN/I	Widespread, 9, 16	--
<i>Mesembryanthemum crystallinum</i> *†◇	crystalline iceplant	Moderate	B	B	C	Present, NN/I	Widespread, 1, 9	--
<i>Mesembryanthemum nodiflorum</i> *†	slender-leaved iceplant	NR	--	--	--	Present, NN/I	--	--
ANACARDIACEAE								
SUMAC OR CASHEW FAMILY								
<i>Rhus lancea</i> *	African sumac	--	--	--	--	--	--	--
<i>Schinus molle</i> *	Peruvian pepper tree	Limited	C	B	B	Present, NN	Limited, 3, 8	--
<i>Schinus terebinthifolius</i> *	Brazilian pepper tree	Limited	C	B	C	--	Limited, 2, 8	--
APIACEAE								
CARROT FAMILY								
<i>Conium maculatum</i> *†	poison hemlock	Moderate	B	B	B	Present, NN	Widespread, 16, 5	--
<i>Foeniculum vulgare</i> *†	fennel	High	A	B	A	Present, NN/I	Widespread, 8, 10	Watch List, N/I
ASTERACEAE								
SUNFLOWER FAMILY								
<i>Bidens pilosa</i> *	common beggar-ticks	--	--	--	--	--	--	--
<i>Carduus pycnocephalus</i> subsp. <i>pycnocephalus</i> *†	Italian thistle	Moderate	B	B	A	Present, NN/I	Widespread	Watch List
<i>Centaurea melitensis</i> *†	tocalote	Moderate	B	B	B	Present, NN/I	Widespread	Watch List
<i>Cirsium vulgare</i> *†	bull thistle	Moderate	B	B	B	Present, NN	Widespread, 18, 12	Watch List

Weed Management Plan for Sycamore to Peñasquitos 230-Kilovolt Transmission Line Project
San Diego, California

Scientific Name	Common Name	Cal-IPC Rating ¹	Cal-IPC Scores			MCAS ²	CISAC, Scorecard ³	CDFA/San Diego ⁴
			Impact	Invasiveness	Distribution			
<i>Cynara cardunculus</i> *†	cardoon	Moderate	B	B	B	Present, NN/I	Widespread	Watch List; B
<i>Dimorphotheca aurantiaca</i> *	African daisy	--	--	--	--	--	--	--
<i>Dittrichia graveolens</i> *†◇	stinkwort	Moderate	B	A	C	Present, NN/I	Widespread	Watch List, N/I
<i>Erigeron bonariensis</i> *	flax-leaved horseweed	--	--	--	--	Present, NN	Widespread	--
<i>Erigeron sumatrensis</i> *	asthmaweed	--	--	--	--	--	--	--
<i>Glebionis coronaria</i> *†	garland daisy	--	--	--	--	--	--	Watch List, N/I
<i>Hedypnois cretica</i> *	Crete hedypnois	--	--	--	--	Present, NN	--	--
<i>Helminthotheca echioides</i> *	bristly ox-tongue	Limited	C	B	B	Present, NN	Widespread	--
<i>Hypochaeris glabra</i> *	smooth cat's-ear	Limited	C	B	B	Present, NN	Widespread	--
<i>Lactuca serriola</i> *	prickly lettuce	NL	D	C	B	Present, NN	Widespread	--
<i>Logfia gallica</i> *	narrow-leaf filago	--	--	--	--	Present, NN	--	--
<i>Pseudognaphalium luteoalbum</i> *	everlasting cudweed	--	--	--	--	Present, NN	--	--
<i>Senecio vulgaris</i> *	common groundsel	--	--	--	--	Present, NN	Widespread	--
<i>Silybum marianum</i> *†	milk thistle	Limited	C	C	A	Present, NN/I	Widespread	Watch List, N/I
<i>Sonchus asper</i> subsp. <i>asper</i> *	prickly sow thistle	NL	D	B	B	Present, NN	--	--
<i>Sonchus oleraceus</i> *	common sow thistle	--	--	--	--	Present, NN	Widespread	--
<i>Taraxacum officinale</i> *	common dandelion	--	--	--	--	Present, NN	--	--

Weed Management Plan for Sycamore to Peñasquitos 230-Kilovolt Transmission Line Project
San Diego, California

Scientific Name	Common Name	Cal-IPC Rating ¹	Cal-IPC Scores			MCAS ²	CISAC, Scorecard ³	CDFA/San Diego ⁴
			Impact	Invasiveness	Distribution			
BRASSICACEAE	MUSTARD FAMILY							
<i>Brassica nigra</i> *†	black mustard	Moderate	B	B	A	Present, NN/I	Widespread, 9, 4	--
<i>Brassica rapa</i> *	field mustard	Limited	C	B	B	--	Widespread	--
<i>Brassica tournefortii</i> *†	Sahara mustard	High	A	A	B	--	Limited, 10, 6	--
<i>Hirschfeldia incana</i> *†	shortpod mustard	Moderate	B	B	A	Present, NN	Widespread	--
<i>Raphanus sativus</i> *†	radish	Limited	C	C	B	Present, NN	Widespread, 12, 10	--
<i>Sisymbrium altissimum</i> *	tumble mustard	NR	--	--	--	--	--	--
<i>Sisymbrium irio</i> *†	London rocket	Moderate	B	B	A	--	Widespread	--
BUXACEAE	BOXWOOD FAMILY							
<i>Buxus</i> sp*	boxwood	--	--	--	--	--	--	--
CACTACEAE	CACTUS FAMILY							
<i>Opuntia ficus-indica</i> *	Indian fig	--	--	--	--	--	--	--
CARYOPHYLLACEAE	PINK FAMILY							
<i>Cerastium glomeratum</i> *	mouse-ear chickweed	--	--	--	--	Present, NN	--	--
<i>Polycarpon tetraphyllum</i> var. <i>tetraphyllum</i> *	four-leaf allseed	--	--	--	--	Present, NN	--	--
<i>Silene gallica</i> *	common catchfly	--	--	--	--	Present, NN	--	--
<i>Spergularia bocconi</i> *	Boccone's sandspurrey	--	--	--	--	Present, NN	--	--
CHENOPODIACEAE	GOOSEFOOT FAMILY							
<i>Atriplex semibaccata</i> *†	Australian saltbush	Moderate	B	B	B	Present, NN	Widespread	--
<i>Chenopodium album</i> *	lamb's quarters	--	--	--	--	Present, NN	--	--
<i>Salsola tragus</i> *†	Russian thistle	Limited	C	B	B	Present, NN/I	Widespread, 18, 9	Watch List

Weed Management Plan for Sycamore to Peñasquitos 230-Kilovolt Transmission Line Project
San Diego, California

Scientific Name	Common Name	Cal-IPC Rating ¹	Cal-IPC Scores			MCAS ²	CISAC, Scorecard ³	CDFA/San Diego ⁴
			Impact	Invasiveness	Distribution			
CISTACEAE	ROCK-ROSE FAMILY							
<i>Cistus incanus</i> *	purple rock-rose	--	--	--	--	--	--	--
<i>Cistus salviifolius</i> *	sage leaf rockrose	--	--	--	--	--	--	--
CRASSULACEAE	STONECROP FAMILY							
<i>Crassula ovata</i> *	jade plant	--	--	--	--	--	--	--
EUPHORBIACEAE	SPURGE FAMILY							
<i>Euphorbia lathyris</i> *	caper spurge, gopher plant	NL	D	C	B	--	--	--
<i>Euphorbia tirucalli</i> *	pencil plant	--	--	--	--	--	--	--
FABACEAE	LEGUME FAMILY							
<i>Acacia melanoxylon</i> *†	blackwood acacia	Limited	C	C	B	Present, NN/I	Limited	--
<i>Medicago polymorpha</i> *	bur clover	Limited	C	C	A	Present, NN	Widespread	--
<i>Melilotus albus</i> *	white sweetclover	NR	--	--	--	Present, NN	--	--
<i>Melilotus indicus</i> *	Indian sweetclover	NR	--	--	--	Present, NN	--	--
<i>Trifolium hirtum</i> *†	rose clover	Moderate	C	B	B	Present, NN	Widespread	--
<i>Vicia sativa</i> subsp. <i>sativa</i> *	spring vetch	--	--	--	--	Present, NN	Widespread	--
<i>Vicia villosa</i> *	winter vetch	NL	D	C	B	Present, NN	Widespread	--
GERANIACEAE	GERANIUM FAMILY							
<i>Erodium botrys</i> *†	broad-lobed filaree	NL	D	C	A	Present, NN/I	Widespread	--
<i>Erodium cicutarium</i> *†	red-stemmed filaree	Limited	C	C	A	Present, NN/I	Widespread	--
<i>Erodium moschatum</i> *	white-stemmed filaree	NL	D	C	A	Present, NN	Widespread	--

Weed Management Plan for Sycamore to Peñasquitos 230-Kilovolt Transmission Line Project
San Diego, California

Scientific Name	Common Name	Cal-IPC Rating ¹	Cal-IPC Scores			MCAS ²	CISAC, Scorecard ³	CDFA/San Diego ⁴
			Impact	Invasiveness	Distribution			
<i>Geranium dissectum</i> *	cut-leaf geranium	Limited	C	B	A	Present, NN	Widespread	--
LAMIACEAE	MINT FAMILY							
<i>Marrubium vulgare</i> *	horehound	Limited	C	C	B	Present, NN	Widespread	--
<i>Rosmarinus officinalis</i> *	rosemary	--	--	--	--	--	--	--
<i>Salvia greggii</i> *	autumn sage	--	--	--	--	--	--	--
LYTHRACEAE	LOOSESTRIFE FAMILY							
<i>Lagerstroemia indica</i> *	Crape myrtle	--	--	--	--	--	--	--
MALVACEAE	MALLOW FAMILY							
<i>Malva parviflora</i> *	cheeseweed	--	--	--	--	Present, NN	Widespread	--
MYRSINACEAE	MYRSINE FAMILY							
<i>Anagallis arvensis</i> *	scarlet pimpernel	--	--	--	--	Present, NN	--	--
MYRTACEAE	MYRTLE FAMILY							
<i>Corymbia ficifolia</i> *	red flowering gum	--	--	--	--	--	--	--
<i>Eucalyptus globulus</i> *†	blue gum	Moderate	B	B	B	Present, NN	Widespread, 13, 11	--
<i>Melaleuca viminalis</i> *	bottlebrush	--	--	--	--	--	--	--
NYCTAGINACEAE	FOUR O'CLOCK FAMILY							
<i>Bougainvillea spectabilis</i> *	bougainvillea	--	--	--	--	--	--	--
OLEACEAE	OLIVE FAMILY							
<i>Ligustrum lucidum</i> *	glossy privet	NL	D	B	C	--	--	--
<i>Olea europaea</i> *	olive	Limited	C	B	B	Present, NN	Limited	--
OXALIDACEAE	OXALIS FAMILY							
<i>Oxalis pes-caprae</i> *†	Bermuda buttercup	Moderate	B	B	B	Present, NN/I	Widespread	--

Weed Management Plan for Sycamore to Peñasquitos 230-Kilovolt Transmission Line Project
San Diego, California

Scientific Name	Common Name	Cal-IPC Rating ¹	Cal-IPC Scores			MCAS ²	CISAC, Scorecard ³	CDFA/San Diego ⁴
			Impact	Invasiveness	Distribution			
PLANTAGINACEAE	PLANTAIN FAMILY							
<i>Plantago lanceolata</i> *	English plantain	Limited	C	C	B	Present, NN	Widespread	--
PLUMBAGINACEAE	LEADWORT FAMILY							
<i>Limonium perezii</i> *	Perez's marsh-rosemary	--	--	--	--	--	--	--
POLYGONACEAE	BUCKWHEAT FAMILY							
<i>Polygonum arenastrum</i> *	common knotweed	--	--	--	--	Present, NN	Widespread	--
<i>Rumex conglomeratus</i> *	dock	--	--	--	--	Present, NN	--	--
ROSACEAE	ROSE FAMILY							
<i>Photinia serrulata</i> *	Chinese photinia	--	--	--	--	--	--	--
<i>Raphiolepis indica</i> *	Indian hawthorne	--	--	--	--	--	--	--
<i>Spiraea douglasii</i> *	rock spirea	--	--	--	--	--	--	--
SAPINDACEAE	SOAPBERRY FAMILY							
<i>Cupaniopsis anacardioides</i> *	carrotwood	--	--	--	--	--	--	--
<i>Koelreuteria bipinnata</i> *	Chinese flame tree	--	--	--	--	--	--	--
SCROPHULARIACEAE	FIGWORT FAMILY							
<i>Myoporum parvifolium</i> *	creeping myoporum	--	--	--	--	--	--	--
SOLANACEAE	NIGHTSHADE FAMILY							
<i>Nicotiana glauca</i> *†	tree tobacco	Moderate	B	B	B	Present, NN/I	Widespread	--
TAMARICACEAE	TAMARISK FAMILY							
<i>Tamarix</i> sp.* †	tamarisk	High	A	A	A	Present, NN/I	Widespread, 16, 13	Watch List
URTICACEAE	NETTLE FAMILY							
<i>Urtica urens</i> *	dwarf nettle	--	--	--	--	--	--	--

Weed Management Plan for Sycamore to Peñasquitos 230-Kilovolt Transmission Line Project
San Diego, California

Scientific Name	Common Name	Cal-IPC Rating ¹	Cal-IPC Scores			MCAS ²	CISAC, Scorecard ³	CDFA/San Diego ⁴
			Impact	Invasiveness	Distribution			
VERBENACEAE	VERVAIN FAMILY							
<i>Lantana montevidensis</i> *	trailing lantana	--	--	--	--	--	--	--
ANGIOSPERMS (MONOCOTS)								
AGAVACEAE	AGAVE FAMILY							
<i>Agave americana</i> *	century plant	--	--	--	--	--	--	--
<i>Phormium tenax</i> *	New Zealand flax	--	--	--	--	--	--	--
ARECACEAE	PALM FAMILY							
<i>Phoenix canariensis</i> *	Canary Island date palm	Limited	C	B	D	--	Limited	--
<i>Washingtonia robusta</i> *†◇	Mexican fan palm	Moderate	B	B	C	Present, NN	Limited	--
ASPHODELACEAE	ASPHODEL FAMILY							
<i>Aloe vera</i> *	medicinal aloe	--	--	--	--	--	--	--
<i>Asphodelus fistulosus</i> *†◇	hollow-stem asphodel	Moderate	B	A	C	Present, NN	Limited	Watch List
CYPERACEAE	SEDGE FAMILY							
<i>Cyperus involucratus</i> *	umbrella-plant	--	--	--	--	Present, NN	--	--
IRIDACEAE	IRIS FAMILY							
<i>Iris pseudacorus</i> *†	pale yellow iris	Limited	C	B	C	--	--	Watch List, Q
LILIACEAE	LILY FAMILY							
<i>Diets iridioides</i> *	fortnight lily	--	--	--	--	--	--	--
POACEAE	GRASS FAMILY							
<i>Agrostis stolonifera</i> *	redtop	Limited	C	B	C	--	Limited	--
<i>Avena barbata</i> *†	slender wild oat	Moderate	B	B	A	Present, NN/I	Widespread, 4, 8	--
<i>Brachypodium distachyon</i> *†	false-brome	Moderate	--	--	--	Present, NN	Widespread	Watch List, N/I
<i>Bromus diandrus</i> *	ripgut grass	Moderate	B	B	A	Present,	Widespread,	--

Weed Management Plan for Sycamore to Peñasquitos 230-Kilovolt Transmission Line Project
San Diego, California

Scientific Name	Common Name	Cal-IPC Rating ¹	Cal-IPC Scores			MCAS ²	CISAC, Scorecard ³	CDFA/San Diego ⁴
			Impact	Invasiveness	Distribution			
						NN/I	18, 8	
<i>Bromus hordeaceus</i> *	soft chess	Limited	B	C	A	Present, NN/I	Widespread, 8, 8	--
<i>Bromus madritensis</i> subsp. <i>madritensis</i> *	foxtail chess	High	A	B	A	Present, NN/I	Widespread, 17, 7	--
<i>Cortaderia selloana</i> *†	pampas grass	High	A	A	B	Present, NN/I	Widespread, 9, 14	Watch List, B
<i>Cynodon dactylon</i> *†	Bermuda grass	Moderate	B	B	B	Present, NN/I	Widespread	--
<i>Digitaria sanguinalis</i> *	crab grass	--	--	--	--	--	Widespread	--
<i>Festuca myuros</i> *	rat-tail fescue	--	--	--	--	Present, NN	Widespread	--
<i>Festuca perennis</i> *†	Italian ryegrass	Moderate	B	B	A	Present, NN	Widespread, 10, 8	--
<i>Gastridium phleoides</i> *	nit grass	--	--	--	--	Present, NN	--	--
<i>Hordeum murinum</i> *†	glaucous foxtail barley	Moderate	B	B	A	Present, NN	Widespread	--
<i>Lamarckia aurea</i> *	goldentop	--	--	--	--	Present, NN	--	--
<i>Melinis repens</i> subsp. <i>repens</i> *	natal grass	--	--	--	--	Present, NN	--	--
<i>Pennisetum setaceum</i> *†	fountain grass	Moderate	B	B	B	Present, NN/I	Widespread, 6, 8	--
<i>Phalaris canariensis</i> *	canary grass	--	--	--	--	--	--	--
<i>Schismus barbatus</i> *	Mediterranean schismus	Limited	B	C	A	--	Widespread	--
<i>Stipa miliacea</i> var. <i>miliacea</i> *	smilo grass	Limited	C	B	B	Present, NN	Widespread	--

Definitions:

An asterisk (*) after the scientific name are those species listed as non-native by *The Jepson Manual: Vascular Plants of California, Second Edition* (Baldwin et al., 2012). A dagger (†) designates those species that have been targeted for removal by the Project. A red diamond (◊) designates an Alert status with the

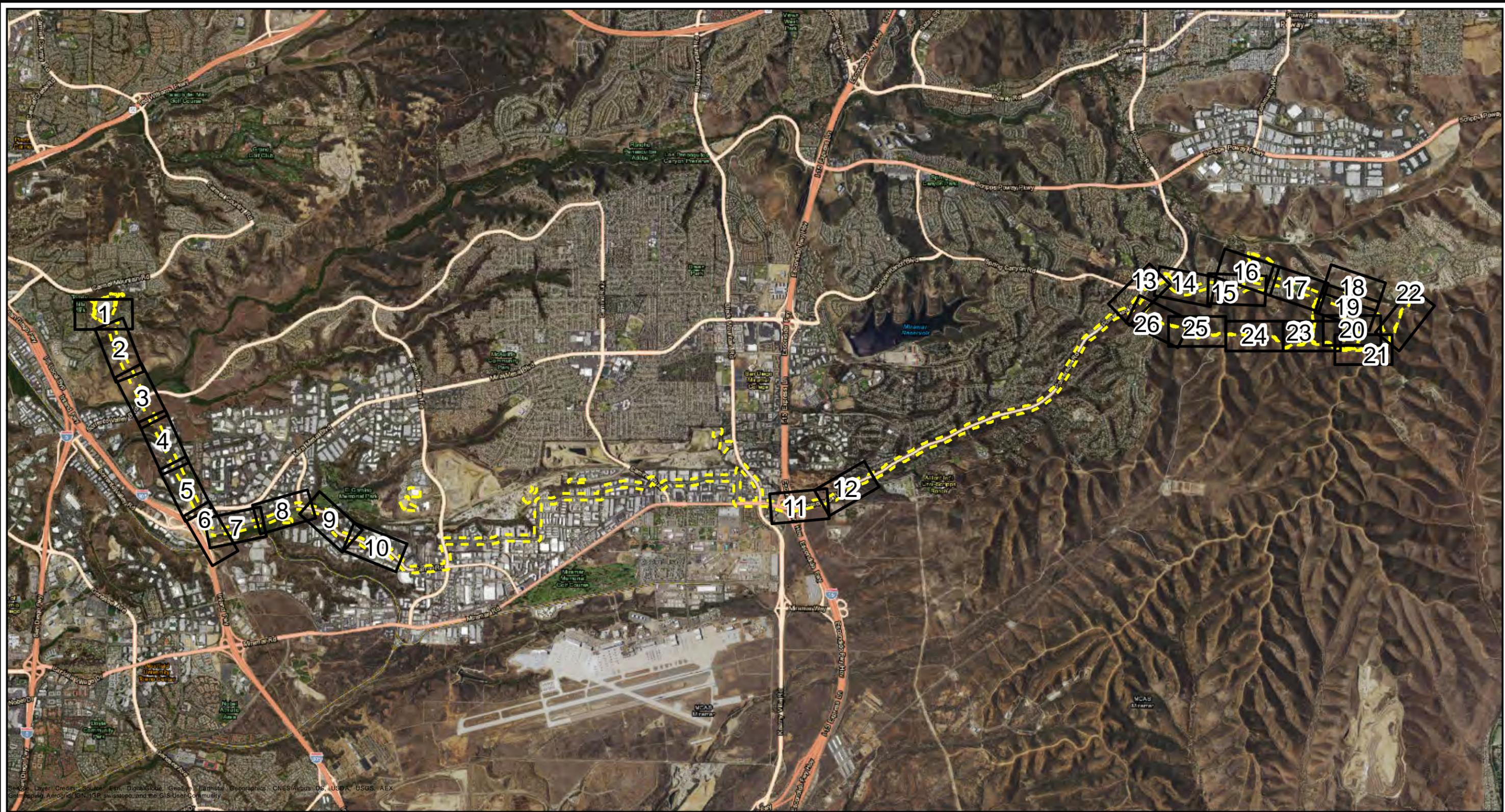
California Invasive Plant Council.¹California Invasive Plant Council (Cal-IPC 2006) Invasiveness Rating with additional species nominated or evaluated, but where **NR** = Not Reviewed; **NL** = Not Listed; Scores: **A** = Severe, **B** = Moderate, **C**= Limited, **D**= None, **U** = Unknown.

²Marine Corps Air Station (MCAS) – species known to occur at MCAS Miramar within undeveloped areas (MCAS 2011); **NN** = Non-Native per Cal-IPC, growing beyond their natural range or natural zone of potential dispersal; **I** = Invasive per Cal-IPC, non-native species that displaces natives or brings about changes in species composition, community structure, or ecosystem function.

³California Invasive Species Advisory Committee (CISAC 2010) in association with the California Department of Agriculture and the City of San Diego Scorecards – the highest score for impacts is 27 (meaning a very high level of impact), and the highest score for ability to respond is 23 (meaning CISAC is currently very well equipped to respond).

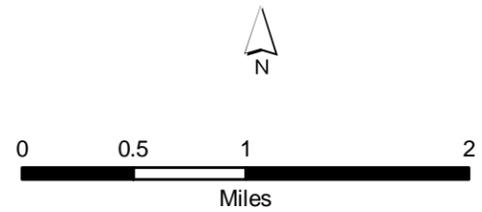
⁴California Department of Food and Agriculture (CDFA) Pest Health and Pest Prevention Services Encycloweedie Weed Ratings on the San Diego County Watch List or deemed N/I = Noxious or Invasive by CDFA (SDWMA 2016; CDFA 2016). CDFA Ratings include: **A** = A pest of known economic or environmental detriment and is either not known to be established in California or it is present in a limited distribution that allows for the possibility of eradication or successful containment; **B** = An pest of known economic or environmental detriment and is of limited distribution; **C** = A pest of known economic or environmental detriment and is usually widespread; **Q** = An organism or disorder suspected to be of economic or environmental detriment, but whose status is uncertain because of incomplete identification or inadequate information.

APPENDIX B
Weed Community Maps



- Legend**
- Map Page
 - Weed Mapping Survey Area

Surveyed areas without weed populations mapped are provided in the overview map; but were not displayed in the detailed mapset to reduce overall size of the mapset



Appendix B
Weed Community Map
Proposed Project
Overview Map



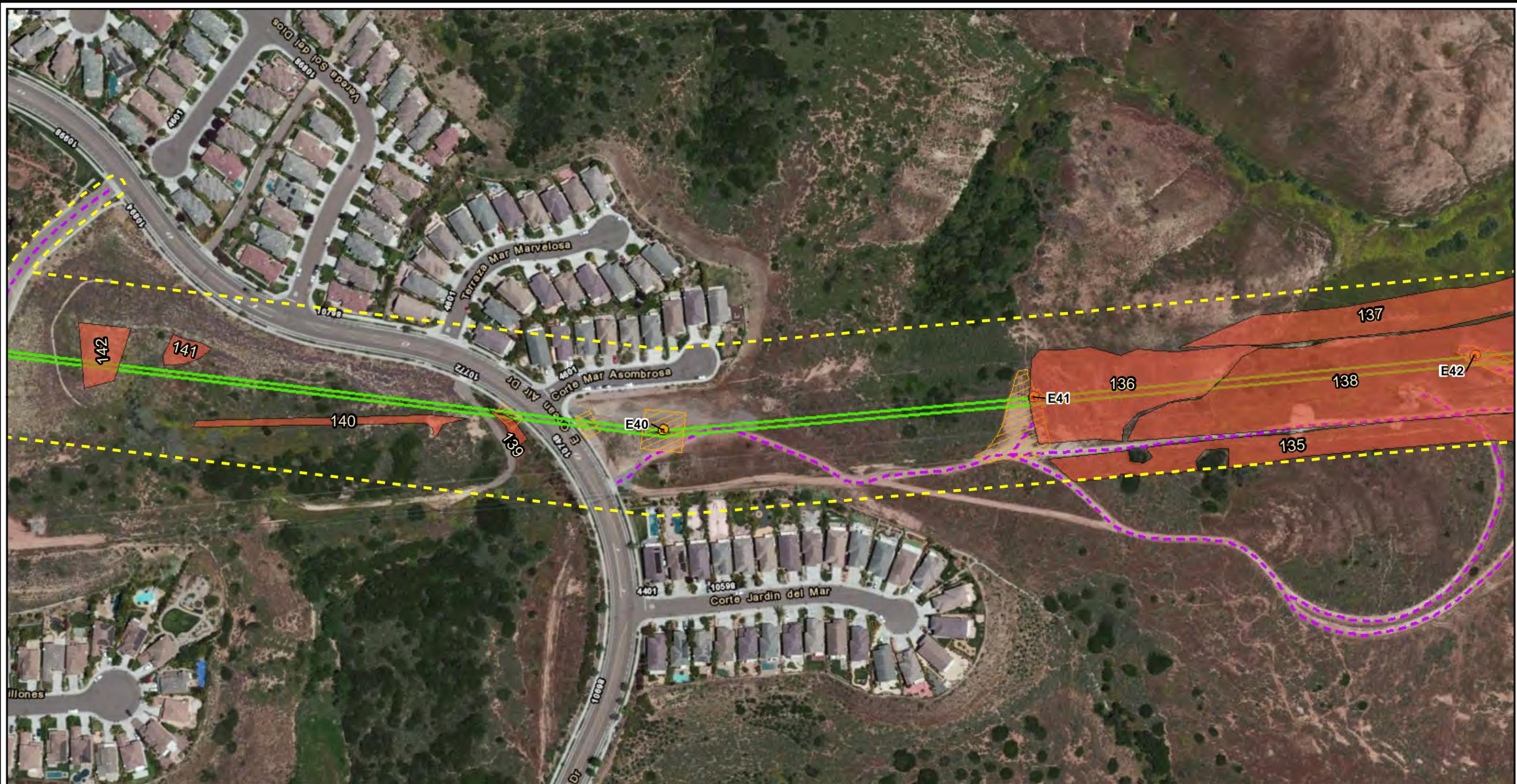
Legend

- Proposed Project (Overhead)
- Poles
- Substations
- Access Road
- Temporary Impact Area
- Weed Mapping Survey Area
- Weed Community
- 140: Shortpod Mustard (L), Russian Thistle (L), Stalice (L)

- 141: Brome Grass (M), Russian Thistle (L), Shortpod Mustard (L)
- 142: Russian Thistle (L), Stalice (M)
- 143: Brome Grass (M)

Appendix B
Weed Community Map
Proposed Project
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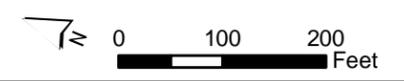




Legend

- Proposed Project (Overhead)
 - Poles
 - - - Access Road
 - Temporary Impact Area
 - Weed Mapping Survey Area
 - Weed Community
- | | | |
|---|---|---|
| <ul style="list-style-type: none"> 135: Brome Grass (L), Shortpod Mustard (L), Russian Thistle (L) 136: Russian Thistle (H) | <ul style="list-style-type: none"> 137: Brome Grass (H), Russian Thistle (L) 138: Brome Grass (M), Shortpod Mustard (M), Russian Thistle (M), Tree Tobacco (L) 139: Brome Grass (M), Shortpod Mustard (L), Russian Thistle (H) 140: Shortpod Mustard (L), Russian Thistle (L), Statice (L) 141: Brome Grass (M), Russian Thistle (L), Shortpod Mustard (L) | <ul style="list-style-type: none"> 142: Russian Thistle (L), Statice (M) |
|---|---|---|

Appendix B
Weed Community Map
Proposed Project
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Legend

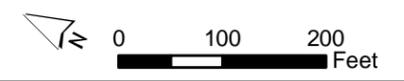
- Proposed Project (Overhead)
- Poles
- Temporary Impact Area
- Weed Mapping Survey Area
- Weed Community
- 124: Russian Thistle (H), Shortpod Mustard (L)
- 125: Brome Grass (H), Shortpod Mustard (M), Tocalote (L)

- 127: Russian Thistle (L), Shortpod Mustard (L), Italian Thistle (L), Tocalote (L)
- 128: Italian Thistle (L)
- 129: Shortpod Mustard (L), Fennel (L), Ox-Tongue (L)
- 130: Italian Thistle (L), Russian Thistle (L)
- 131: Ox-Tongue (M), Fennel (L)

- 132: Brome Grass (H), Artichoke Thistle (L), Russian Thistle (L), Fennel (L), Shortpod Mustard (L)
- 133: Ox-Tongue (L), Fennel (L), Russian Thistle (M), Artichoke Thistle (L), Tree Tobacco (L)
- 134: Brome Grass (M), Shortpod Mustard (L), Russian Thistle (M)
- 135: Brome Grass (L), Shortpod Mustard (L), Russian Thistle (L)

- 137: Brome Grass (H), Russian Thistle (L)
- 138: Brome Grass (M), Shortpod Mustard (M), Russian Thistle (M), Tree Tobacco (L)
- 144: Russian Thistle (L), Italian Thistle (M), Fennel (L)
- 145: Russian Thistle (L), Italian Thistle (M), Fennel (L)

Appendix B
Weed Community Map
Proposed Project
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Legend

- Proposed Project (Overhead)
- Poles
- Temporary Impact Area
- Weed Mapping Survey Area
- Weed Community

- 125: Brome Grass (H), Shortpod Mustard (M), Tocalote (L)
- 126: Shortpod Mustard (H), Italian Thistle (H)
- 127: Russian Thistle (L), Shortpod Mustard (L), Italian Thistle (L), Tocalote (L)
- 144: Russian Thistle (L), Italian Thistle (M), Fennel (L)
- 145: Russian Thistle (L), Italian Thistle (M), Fennel (L)

- 123: Russian Thistle (L), Fennel (L), Aust. Saltbush (L), Italian Thistle (M)
- 124: Russian Thistle (H), Shortpod Mustard (L)

Appendix B
Weed Community Map
Proposed Project
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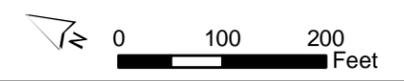


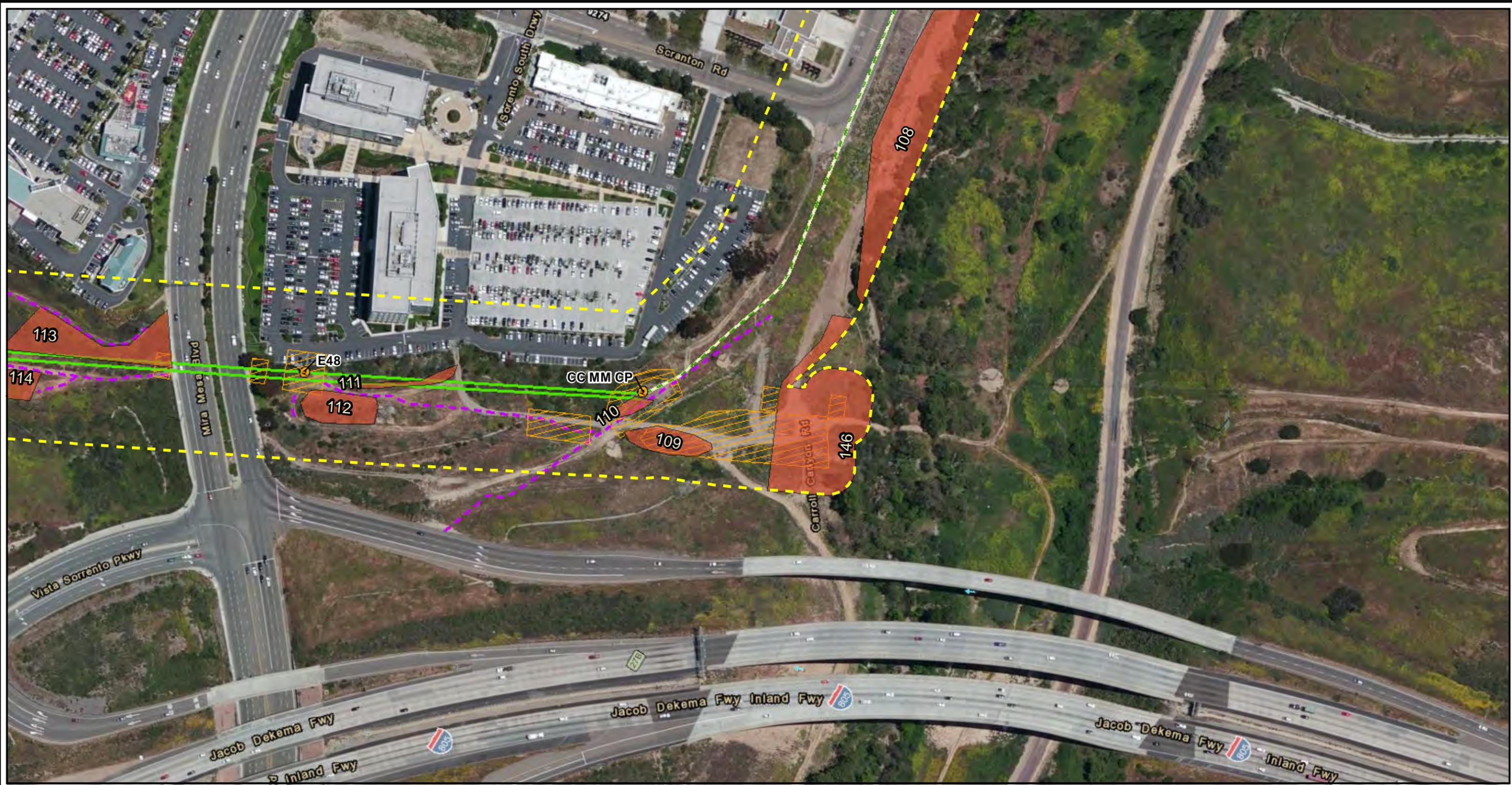


Legend

- Proposed Project (Overhead)
 - Poles
 - Temporary Impact Area
 - Weed Mapping Survey Area
 - Weed Community
- | | | |
|---|--|--|
| <ul style="list-style-type: none"> 113: Black Mustard (M) 114: Brome Grass (M), Shortpod Mustard (M), Artichoke Thistle (L), Fennel (L) | <ul style="list-style-type: none"> 115: Black Mustard (L) 116: Acacia (H) 117: Brome Grass (L), Shortpod Mustard (L), Russian Thistle (M) 118: Brome Grass (L), Shortpod Mustard (L), Russian Thistle (L) 119: Shortpod Mustard (L), Russian Thistle (M), Tocalote (L) 120: Brome Grass (M), Russian Thistle (H), Aust. Saltbush (L) | <ul style="list-style-type: none"> 121: Brome Grass (M), Shortpod Mustard (L), Russian Thistle (L), Aust. Saltbush (L), Crystalline Iceplant (L) 122: Brome Grass (L), Shortpod Mustard (L), Russian Thistle (L) |
|---|--|--|

Appendix B
Weed Community Map
Proposed Project
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Legend

- Proposed Project (Overhead)
 - - - Proposed Project (Underground)
 - Poles
 - Temporary Impact Area
 - Weed Mapping Survey Area
 - Weed Community
- | | | |
|---|---|--|
| <ul style="list-style-type: none"> 108: Pampas Grass (L), Tamarisk (L), Acacia (L), Eucalyptus (L), Fan Palm (L) | <ul style="list-style-type: none"> 109: Russian Thistle (H) 110: Russian Thistle (M), Tocalote (L), Acacia (L) 111: Russian Thistle (L), Aust. Saltbush (L), Crystalline Iceplant (L) 112: Brome Grass (M), Russian Thistle (M), Shortpod Mustard (L), Fennel (L) 113: Black Mustard (M) | <ul style="list-style-type: none"> 114: Brome Grass (M), Shortpod Mustard (M), Artichoke Thistle (L), Fennel (L) 146: Russian Thistle (H), Fennel (L), Lamb's Quarters (L) |
|---|---|--|

Appendix B
Weed Community Map
Proposed Project
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Legend

- Proposed Project (Overhead)
 - - - Proposed Project (Underground)
 - Poles
 - Temporary Impact Area
 - Weed Mapping Survey Area
 - Weed Community
- | | |
|---|--|
| <ul style="list-style-type: none"> 108: Pampas Grass (L), Tamarisk (L), Acacia (L), Eucalyptus (L), Fan Palm (L) | <ul style="list-style-type: none"> 109: Russian Thistle (H) 110: Russian Thistle (M), Tocalote (L), Acacia (L) 111: Russian Thistle (L), Aust. Saltbush (L), Crystalline Iceplant (L) 112: Brome Grass (M), Russian Thistle (M), Shortpod Mustard (L), Fennel (L) 146: Russian Thistle (H), Fennel (L), Lamb's Quarters (L) |
|---|--|

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Weed Community Map
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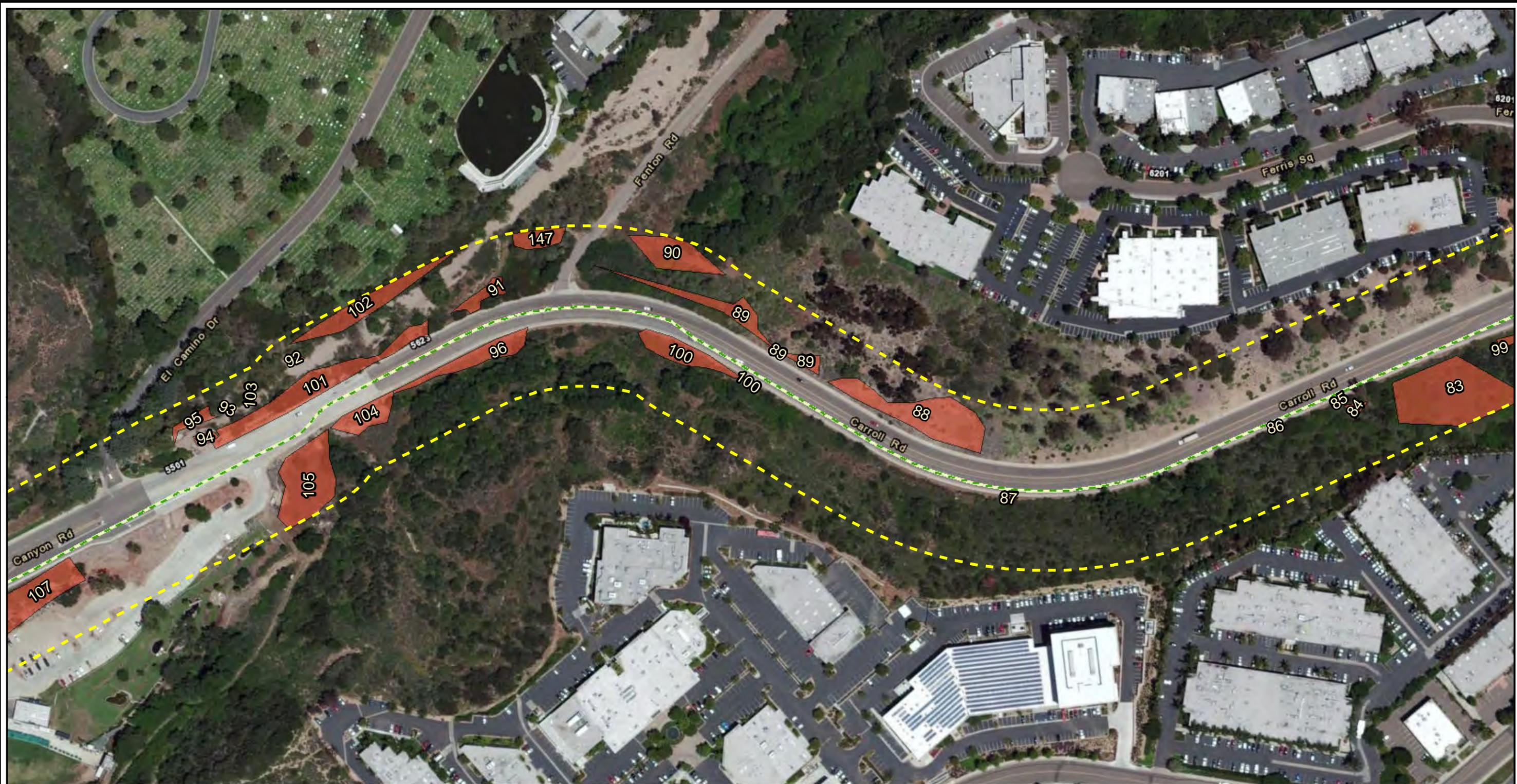


Legend

- Proposed Project (Underground)
 - Potential Staging Yard
 - Weed Mapping Survey Area
 - Weed Community
- | | | |
|--|---|---|
| <ul style="list-style-type: none"> 94: Tamarisk (L) 95: Pampas Grass (L), Acacia (M), Eucalyptus (L), Fan Palm (L) 97: Fan Palm (L) | <ul style="list-style-type: none"> 98: Pampas Grass (M), Tamarisk (M) 101: Acacia (H) 105: Brome Grass (L), Russian Thistle (M), Fennel (L) 106: Pampas Grass (L), Acacia (L) 107: Pampas Grass (M), Tamarisk (M), Acacia (M), Eucalyptus (L), Hottentot (L) | <ul style="list-style-type: none"> 108: Pampas Grass (L), Tamarisk (L), Acacia (L), Eucalyptus (L), Fan Palm (L) |
|--|---|---|

Appendix B
Weed Community Map
Proposed Project
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Legend

- Proposed Project (Underground)
- Weed Mapping Survey Area
- Weed Community
- 83: Brome Grass (H), Shortpod Mustard (M), Fennel (M)
- 84: Brome Grass (M), Fountain Grass (L), Fennel (L)
- 85: Brome Grass (H), Fennel (M)
- 86: Brome Grass (H), Fennel (L)

- 87: Tamarisk (H)
- 88: Brome Grass (L), Shortpod Mustard (L), Wild Oat (M), Horseweed (L)
- 89: Pampas Grass (H)
- 90: Brome Grass (H), Fennel (M)
- 91: Acacia (H)
- 92: Pampas Grass (L), Fennel (L)

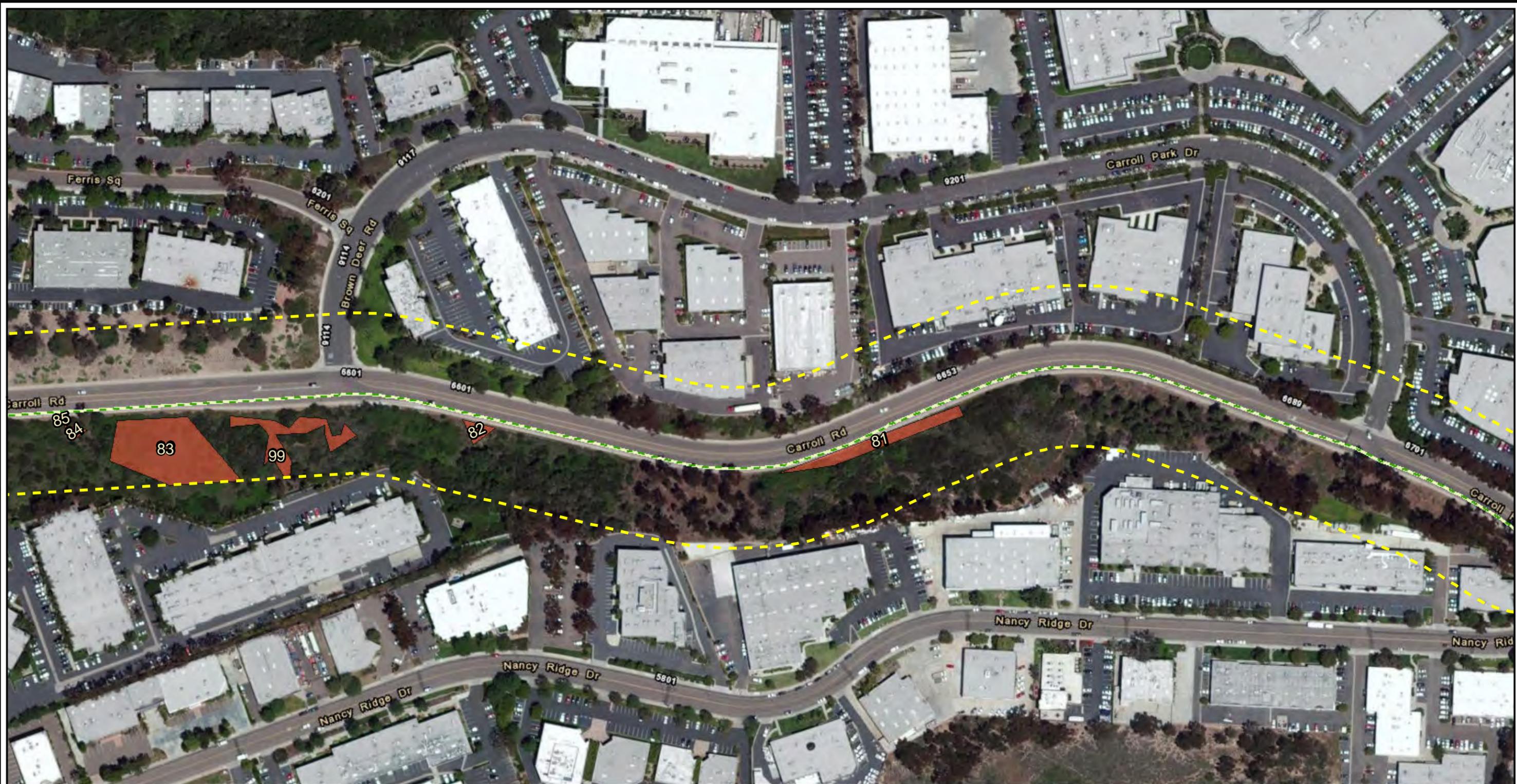
- 93: Pampas Grass (L), Acacia (L)
- 94: Tamarisk (L)
- 95: Pampas Grass (L), Acacia (M), Eucalyptus (L), Fan Palm (L)
- 96: Brome Grass (L), Pampas Grass (L), Shortpod Mustard (L), Fennel (L)
- 99: Brome Grass (H), Ox-Tongue (L)

- 100: Brome Grass (M)
- 101: Acacia (H)
- 102: Acacia (H)
- 103: Pampas Grass (L), Fennel (L)
- 104: Brome Grass (L), Pampas Grass (L), Fennel (L), Stinkwort (L)
- 105: Brome Grass (L), Russian Thistle (M), Fennel (L)

- 107: Pampas Grass (M), Tamarisk (M), Acacia (M), Eucalyptus (L), Hottentot (L)
- 147: Pampas Grass (M), Fennel (L)

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Weed Community Map
Proposed Project
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Legend

- Proposed Project (Underground)
- Weed Mapping Survey Area
- Weed Community
- 81: Brome Grass (H), Fountain Grass (L), Fennel (H)
- 82: Brome Grass (M), Pampas Grass (L), Fennel (L)
- 83: Brome Grass (H), Shortpod Mustard (M), Fennel (M)

- 84: Brome Grass (M), Fountain Grass (L), Fennel (L)
- 85: Brome Grass (H), Fennel (M)
- 99: Brome Grass (H), Ox-Tongue (L)

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Weed Community Map
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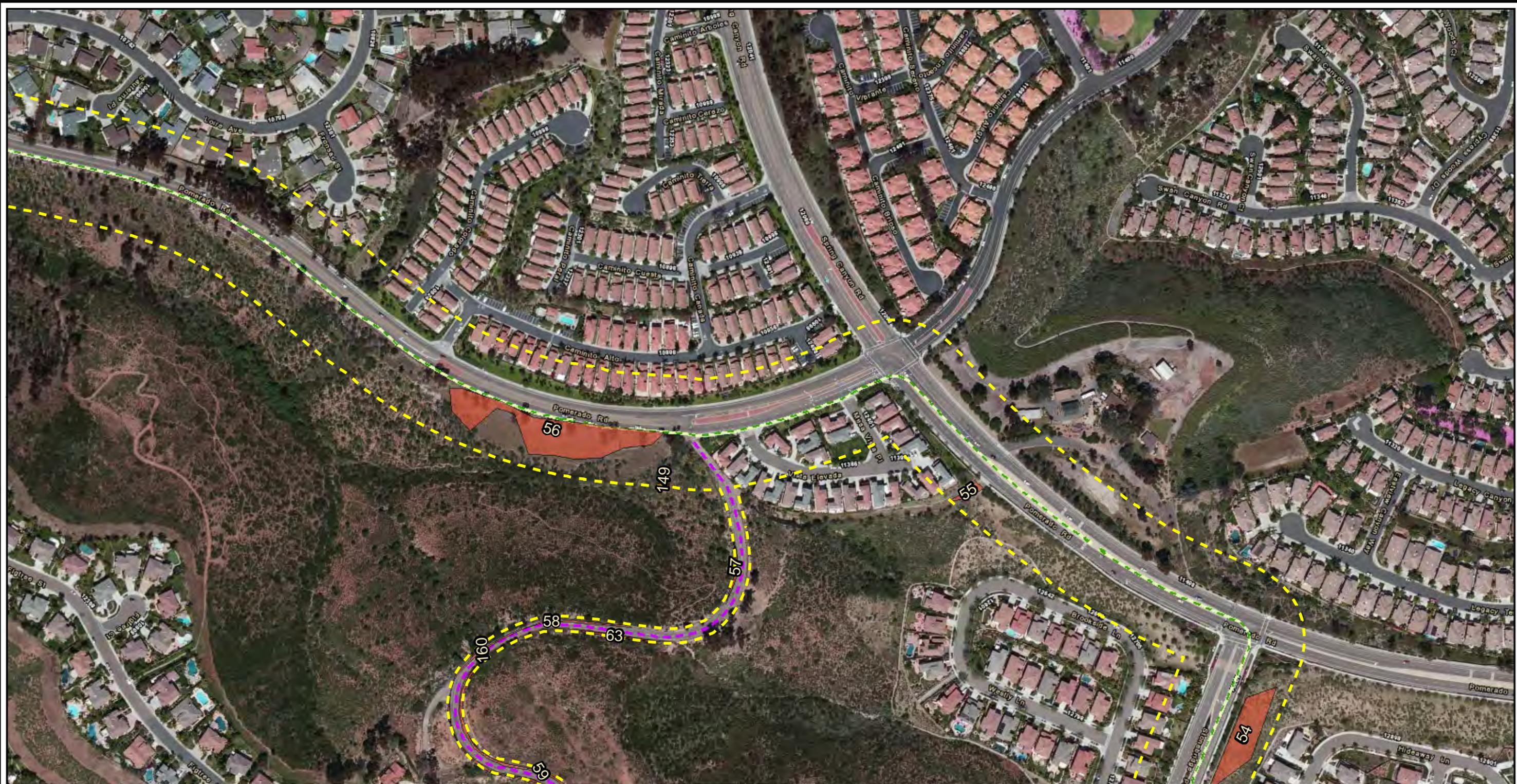


Legend

- Proposed Project (Underground)
- Weed Mapping Survey Area
- Weed Community
- 80: Tocalote (M)
- 148: Brome Grass (H)

Appendix B
Weed Community Map
Proposed Project
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Legend

- Proposed Project (Underground)
- Access Road
- Weed Mapping Survey Area
- Weed Community
- 54: Rock Rose (L)
- 55: Fountain Grass (L), Russian Thistle (L)
- 56: Russian Thistle (M)
- 57: Natal Grass (L)
- 58: Natal Grass (L), Fountain Grass (M), Stinkwort (L)
- 59: Natal Grass (H)
- 63: Fountain Grass (M), Russian Thistle (L)
- 149: Pampas Grass (H)
- 160: Natal Grass (L)
- 161: Natal Grass (L)

Appendix B
Weed Community Map
Proposed Project
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Legend

- Proposed Project (Underground)
- Weed Mapping Survey Area
- Weed Community
- 53: Brome Grass (L), Tocalote (L)
- 54: Rock Rose (L)
- 55: Fountain Grass (L), Russian Thistle (L)

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Weed Community Map
Proposed Project
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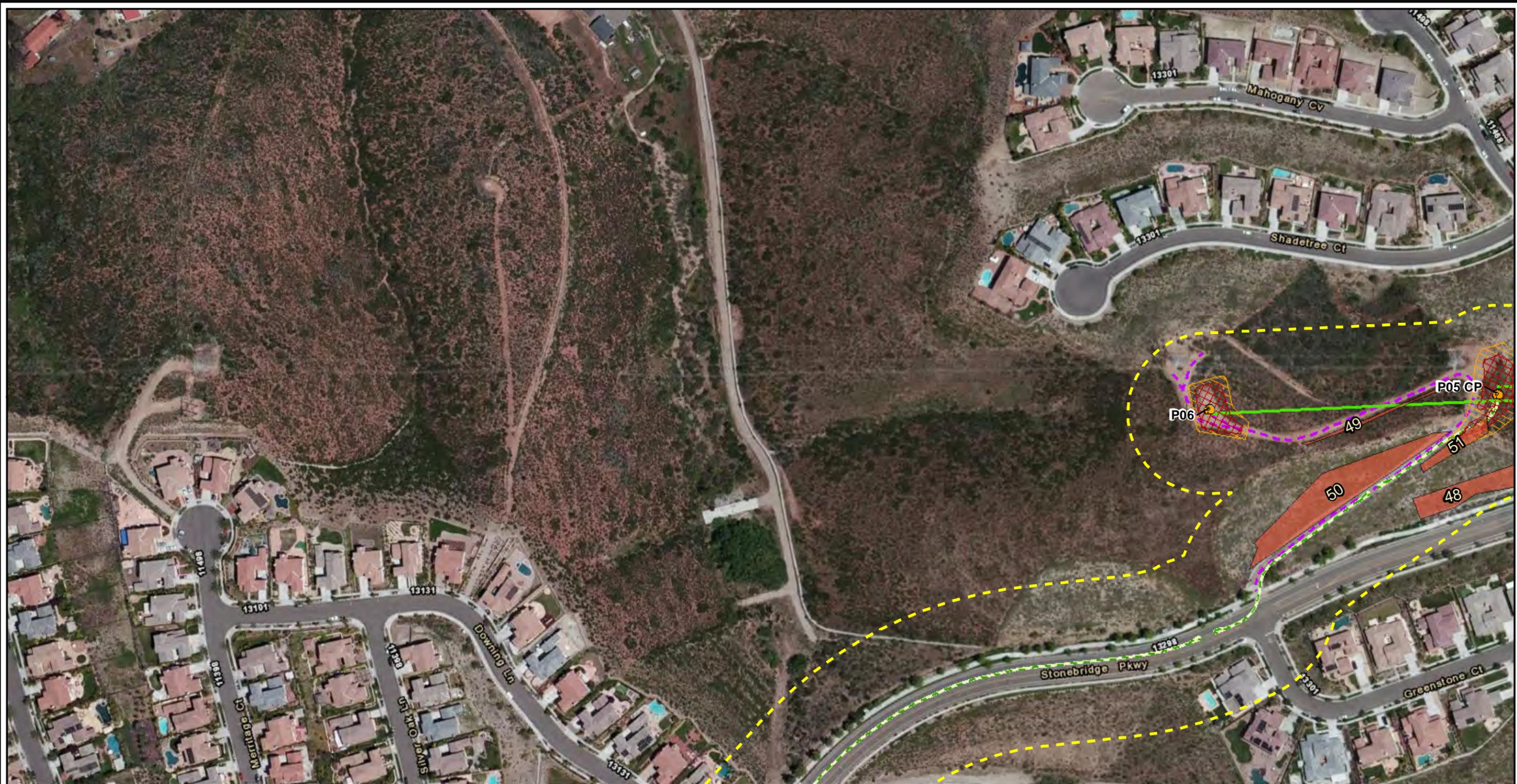


Legend

- Proposed Project (Overhead)
 - - - Proposed Project (Underground)
 - Poles
 - Access Road
 - Permanent Impact Area
 - Temporary Impact Area
 - Weed Mapping Survey Area
 - Weed Community
- 49: Brome Grass (L), Tocalote (L)
 - 50: Fountain Grass (L)
 - 52: Natal Grass (L)

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Weed Community Map
Proposed Project
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Legend

- Proposed Project (Overhead)
 - - - Proposed Project (Underground)
 - P Poles
 - Access Road
 - Permanent Impact Area
 - Temporary Impact Area
 - Weed Mapping Survey Area
 - Weed Community
- 48: Natal Grass (L), Statice (L)
 - 49: Brome Grass (L), Tocalote (L)
 - 50: Fountain Grass (L)
 - 51: Brome Grass (L), Fountain Grass (L), Tocalote (L)

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Weed Community Map
Proposed Project
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Legend

- Proposed Project (Overhead)
 - - - Proposed Project (Underground)
 - Poles
 - - - Access Road
 - Permanent Impact Area
 - Temporary Impact Area
 - Weed Mapping Survey Area
 - Weed Community
- | | |
|--|--|
| <ul style="list-style-type: none"> 38: Brome Grass (L), Shortpod Mustard (L), Wild Oat (L) 39: Brome Grass (L), Fountain Grass (L) 42: Brome Grass (L), Wild Oat (L), Nit Grass (L) 43: Stinkwort (L) 44: Stinkwort (L) 45: Med. Schismus (L) 47: Brome Grass (L) | <ul style="list-style-type: none"> 48: Natal Grass (L), Statice (L) 49: Brome Grass (L), Tocalote (L) 50: Fountain Grass (L) 51: Brome Grass (L), Fountain Grass (L), Tocalote (L) 162: Brome Grass (L), Shortpod Mustard (L), Wild Oat (L) |
|--|--|

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Weed Community Map
Proposed Project
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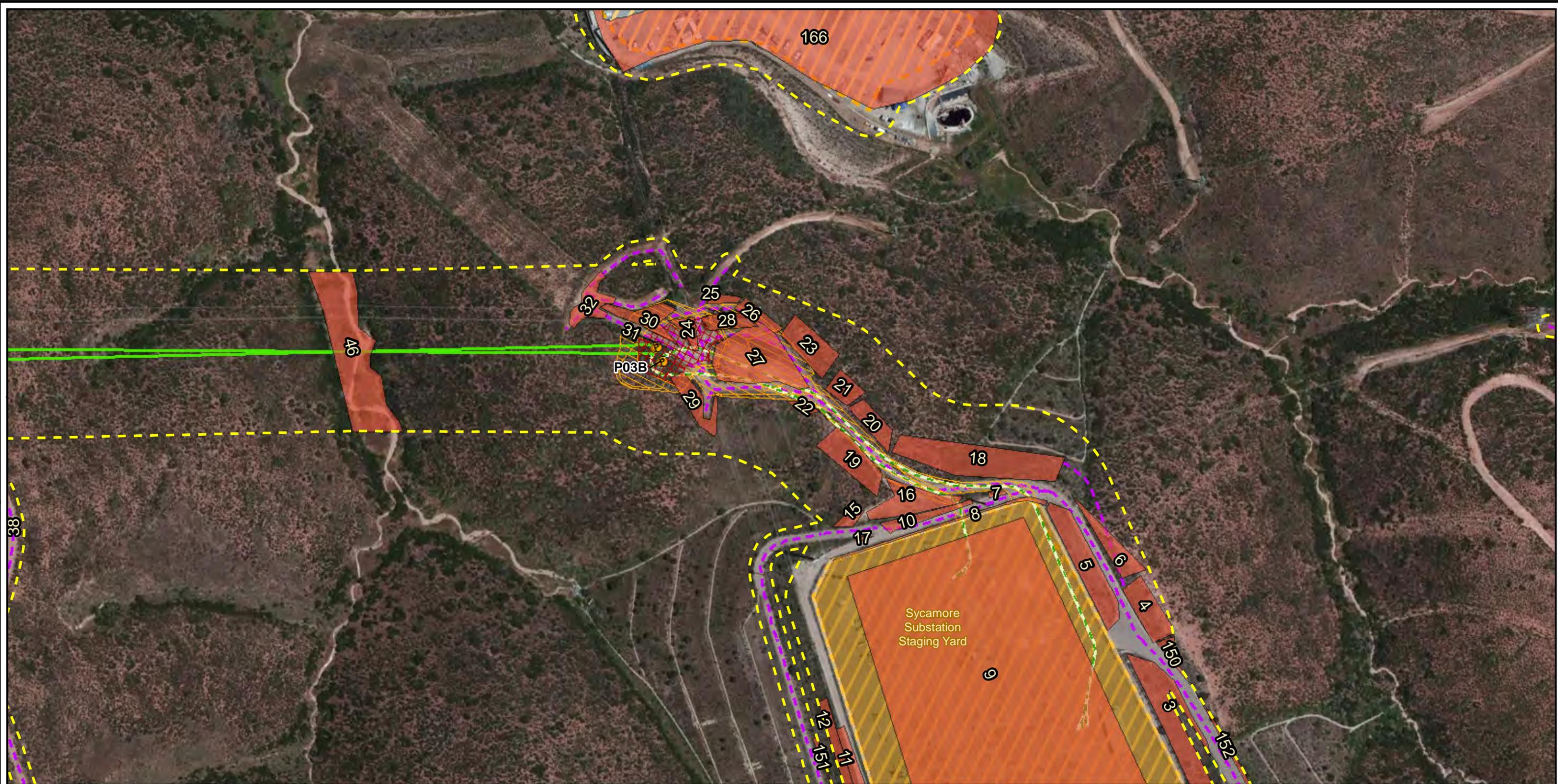
Legend

-  Potential Staging Yard
-  Access Road
-  Weed Mapping Survey Area
-  Weed Community
- 32: Brome Grass (L), Russian Thistle (L), Wild Oat (L), Filaree (L), Sweet Clover (L)
- 46: Brome Grass (M), Wild Oat (L), Fountain Grass (L), Tocalote (L), Stinkwort (L)

- 166: Brome Grass (L), Wild Oat (L), Italian thistle (L), Stinkwort (L), Sweet Clover (L), Tocalote (L), Shortpod Mustard (L), Filaree (L), Med. Schismus (L)

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Weed Community Map
Proposed Project
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Legend

- Proposed Project (Overhead)
- - - Proposed Project (Underground)
- P Poles
- Substations
- Potential Staging Yard
- Access Road
- Permanent Impact Area
- Temporary Impact Area
- Weed Mapping Survey Area
- Weed Community

- 3: Brome Grass (L), Fountain Grass (L)
- 4: Brome Grass (L), Fountain Grass (L)
- 5: Brome Grass (L), Fountain Grass (L)
- 6: Brome Grass (L), Fountain Grass (L)
- 7: Fountain Grass (L)
- 8: Brome Grass (L), Fountain Grass (L), Sweet Clover (L)
- 9: Med. Schismus (M)

- 10: Brome Grass (L), Fountain Grass (L)
- 11: Brome Grass (L), Tocalote (L), Sweet Clover (L)
- 12: Brome Grass (L), Tocalote (L), Russian Thistle (L)
- 15: Mustard (L), Fountain Grass (L)
- 16: Brome Grass (L), Crab Grass (L), Fountain Grass (L)
- 17: Brome Grass (L), Tocalote (L)

- 18: Brome Grass (L)
- 19: Brome Grass (L), Med. Schismus (L), Tocalote (L)
- 20: Brome Grass (L), Tocalote (L), Med. Schismus (L)
- 21: Brome Grass (L), Russian Thistle (L)
- 22: Brome Grass (L), Tocalote (L), Wild Oat (M)
- 23: Brome Grass (L), Tocalote (L), Russian Thistle (L), Fountain Grass (L)

- 24: Brome Grass (L), Shortpod Mustard (L)
- 25: Brome Grass (L)
- 26: Brome Grass (L), Russian Thistle (L)
- 27: Brome Grass (M), Med. Schismus (L), Mustard (L), Tocalote (L)
- 28: Brome Grass (L), Tocalote (L), Wild Oat (L)
- 29: Brome Grass (L), Russian Thistle (L), Wild Oat (L)

- 30: Brome Grass (L), Shortpod Mustard (L), Wild Oat (L)
- 31: Brome Grass (L), Wild Oat (L)
- 32: Brome Grass (L), Russian Thistle (L), Wild Oat (L), Filaree (L), Sweet Clover (L)
- 38: Brome Grass (L), Shortpod Mustard (L), Wild Oat (L)
- 46: Brome Grass (M), Wild Oat (L), Fountain Grass (L), Tocalote (L), Stinkwort (L)

- 150: Fountain Grass (L)
- 151: Brome Grass (L), Tocalote (L), Sweet Clover (L)
- 152: Fountain Grass (L)
- 166: Brome Grass (L), Wild Oat (L), Italian thistle (L), Stinkwort (L), Sweet Clover (L), Tocalote (L), Shortpod Mustard (L), Filaree (L), Med. Schismus (L)

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Weed Community Map
Proposed Project
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Legend

- Proposed Project (Underground)
- Substations
- Access Road
- Temporary Impact Area
- Weed Mapping Survey Area
- Weed Community

- 2: Brome Grass (L), Fountain Grass (L)
- 3: Brome Grass (L), Fountain Grass (L)
- 4: Brome Grass (L), Fountain Grass (L)
- 5: Brome Grass (L), Fountain Grass (L)
- 6: Brome Grass (L), Fountain Grass (L)

- 9: Med. Schismus (M)
- 11: Brome Grass (L), Tocalote (L), Sweet Clover (L)
- 12: Brome Grass (L), Tocalote (L), Russian Thistle (L)
- 13: Brome Grass (L), Med. Schismus (M), Tocalote (L), Fountain Grass (L), Filaree (L)
- 14: Fountain Grass (L)

- 34: Crab Grass (L), Shortpod Mustard (L), Fountain Grass (L)
- 150: Fountain Grass (L)
- 151: Brome Grass (L), Tocalote (L), Sweet Clover (L)
- 152: Fountain Grass (L)
- 153: Brome Grass (L), Sweet Clover (L)
- 154: Brome Grass (M), Fountain Grass (L)

- 158: Fountain Grass (L)
- 159: Brome Grass (L), Fountain Grass (L), Stinkwort (L)

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Weed Community Map
Proposed Project
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Legend

- Access Road
 - Temporary Impact Area
 - Weed Mapping Survey Area
 - Weed Community
- | | | |
|--|---|--|
| <ul style="list-style-type: none"> 1: Brome Grass (L), Fountain Grass (L) 2: Brome Grass (L), Fountain Grass (L) | <ul style="list-style-type: none"> 13: Brome Grass (L), Med. Schismus (M), Tocalote (L), Fountain Grass (L), Filaree (L) 33: Crab Grass (L) 75: Natal Grass (M), Stinkwort (L) 76: Fountain Grass (L), Tocalote (L), Stinkwort (L) 77: Natal Grass (M) | <ul style="list-style-type: none"> 153: Brome Grass (L), Sweet Clover (L) 154: Brome Grass (M), Fountain Grass (L) 155: Fountain Grass (L) 156: Fountain Grass (L) 157: Brome Grass (L), Fountain Grass (L) |
|--|---|--|

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Weed Community Map
Proposed Project
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Legend

- Access Road
- Temporary Impact Area
- Weed Mapping Survey Area
- Weed Community
- 2: Brome Grass (L), Fountain Grass (L)
- 33: Crab Grass (L)
- 34: Crab Grass (L), Shortpod Mustard (L), Fountain Grass (L)

- 35: Natal Grass (L), Fountain Grass (L)
- 36: Brome Grass (L)
- 37: Brome Grass (L), Tocalote (L), Wild Oat (L)
- 40: Brome Grass (L), Shortpod Mustard (L)
- 41: Brome Grass (L), Wild Oat (L)
- 74: Natal Grass (M)

- 157: Brome Grass (L), Fountain Grass (L)
- 158: Fountain Grass (L)
- 159: Brome Grass (L), Fountain Grass (L), Stinkwort (L)

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Weed Community Map
Proposed Project
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Legend

- Access Road
- Weed Mapping Survey Area
- Weed Community
- 61: Natal Grass (L), Fountain Grass (M), Stinkwort (L)
- 62: Natal Grass (L), Fountain Grass (M)
- 69: Natal Grass (M), Fountain Grass (L)

- 70: Natal Grass (M), Fountain Grass (M), Stinkwort (L)
- 71: Fountain Grass (M)
- 72: Fountain Grass (M)
- 73: Fountain Grass (H)

Appendix B
Weed Community Map
Proposed Project
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Legend

- Proposed Project (Underground)
 - Access Road
 - Weed Mapping Survey Area
 - Weed Community
- | | | |
|--|--|----------------------|
| 56: Russian Thistle (M) | 60: Natal Grass (M), Fountain Grass (L) | 160: Natal Grass (L) |
| 57: Natal Grass (L) | 63: Fountain Grass (M), Russian Thistle (L) | 161: Natal Grass (L) |
| 58: Natal Grass (L), Fountain Grass (M), Stinkwort (L) | 64: Natal Grass (H) | |
| 59: Natal Grass (H) | 65: Natal Grass (H), Fountain Grass (L) | |
| | 66: Natal Grass (M), Fountain Grass (M), Stinkwort (L) | |
| | 149: Pampas Grass (H) | |

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Weed Community Map
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