

Mr. Jeremy Krout
EPD Solutions, Inc.
2355 Main Street, Suite 100
Irvine, CA 92614



Subject: Biologist's statement of Habitat and Biological Resources Assessment for NW Telegraph Road & Santa Fe Springs Road, Santa Fe Springs, Los Angeles County, California.

Mr. Jeremy Krout,

Hernandez Environmental Services (HES) has conducted a Biological Resources Assessment for the approximately 26.77-acre site located in the city of Santa Fe Springs, California. The purpose of this Habitat and Biological Resources Assessment is to document the biological resources identified as present or potentially present on the project site; identify potential biological resource impacts resulting from the proposed project; and recommend measures to avoid, minimize, and/or mitigate significant impacts consistent with federal, state, and local rules and regulations, including the California Environmental Quality Act (CEQA).

Project Site Location

The project site is located northwest of a corner intersection from Telegraph Road and Santa Fe Springs Road, east of Hawkins Street and industrial buildings, west of Santa Fe Springs Road with additional industrial buildings, and south of commercial buildings (Figure 1, Location Map). The project area is surrounded by industrial and commercial development in the City of Santa Fe Springs in Los Angeles County (Figure 2, Vicinity Map).

The site consists of Assessor Identification Number (AIN), 8005-015-051. Specifically, the proposed project site is located in land grant, Civil Colonies, Santa Gertrudes-McFarland & Downey. The approximate center of the project site is located at -13143137.557, 4021363.607.

Project Description

The proposed project includes the construction of two warehouses consisting of a building north that is approximately 298,373 square feet (SF) and a building south that is estimated to be 286,305 SF. The project also includes an associated office, landscaping, with employee and trailer parking lots. The total area of disturbance will be 26.77 acres.

Literature Review

HES conducted a literature search and reviewed aerial photographs and topographic maps of the project location and surrounding areas. The USGS 7.5-Minute Topographic *Whittier* Quadrangle and eight surrounding quadrangles were used to query the California Natural Diversity Database (CNDDDB). In addition, the California Native Plant Society (CNPS) On-line Inventory of Rare, Threatened, and Endangered Plants, the United States Fish and Wildlife Service (USFWS) Critical Habitat and Environmental

Conservation Online System (ECOS) Threatened/Endangered Species lists, the Los Angeles County Tree Ordinance, and the County of Los Angeles General Plan Significant Ecological Areas (SEA) were reviewed to obtain species information for the project area.

Existing Conditions and Results

A field survey was performed on December 15, 2023, by HES biologists Elizabeth Gonzalez and Carissa Gomez. The purpose of the field survey was to document the existing habitat conditions, obtain plant and animal species information, view the surrounding uses, assess the potential for state and federal waters, assess the potential for wildlife movement corridors, assess the presence of critical habitat, and, if present, assess for the presence of critical habitat constituent elements.

The entire 26.77-acre project site was surveyed. Where accessible, linear transects approximately 30 feet apart were walked for 100 percent coverage. All species observed were recorded and GPS waypoints were taken to delineate specific habitat types, species locations, state or federal waters, or any other pertinent locational information.

All wildlife species encountered visually or audibly during the field survey were identified and recorded in field notes. Binoculars were used to aid in the identification of observed wildlife. Wildlife field guides and photographs were used to assist with identification of wildlife species during the field survey, as necessary. Assessments of presence/absence were made based on the presence of suitable habitat to support the species, diagnostic signs (burrows, scat, tracks, vocalizations, and nests), known records or occurrence within the area, known distribution and elevation range, and habitat utilization from the relevant literature.

Sensitive plant and wildlife species with the potential to occur within the project area are listed in Appendix A. Representative site photographs were taken and are included within Appendix B.

Environmental Setting

The approximately 26.77-acre project site consists of mostly disturbed land where land grading has already occurred. The majority of vegetation on site is ornamental and nonnative. The majority of the project site is unvegetated with a sparse herbaceous layer and a few trees. The species on site include nettle leaf goosefoot (*Chenopodium murale*), cheeseweed mallow (*Malva parviflora*), tree of heaven (*Ailanthus altissima*), salt grass (*Distichlis spicata*), stinkgrass (*Eragrostis cilianensis*), flax-leaved horseweed (*Erigeron bonariensis*), redstem stork's bill (*Erodium cicutarium*), crimson fountaingrass (*Pennisetum setaceum*), tumbleweed (*Salsola tragus*), and Mexican fan palm (*Washingtonia robusta*). Onsite elevations range from 131 feet above mean sea level (AMSL) to 164 feet AMSL. Land uses surrounding the project site consist of commercial and industrial development to the south, east, and west. The project site is north of Telegraph Road, east of Hawkins Street and west of Santa Fe Springs Road.

Soils

One soil class is identified on the project site by the USDA Web Soil Survey (Appendix C). Soil at the project site is classified as:

- Urban land-Thumus-Pierview complex, 0 to 5 percent slopes.

Plant and Habitat Communities

The project site consists of a total of approximately 26.77 acres of land. The project site also supports one type of habitat which is disturbed (Figure 4). Below is a description for the habitat:

Disturbed

The project site contains 26.77 acres of disturbed habitat. The whole site is graded and relatively flat, containing piles of dirt due to construction. This habitat is fenced off and is neighboring industrial and commercial buildings. This habitat is sparsely vegetated with ornamental and nonnative species such as nettle leaf goosefoot, cheeseweed mallow, tree of heaven, salt grass, stinkgrass, flax-leaved horseweed, redstem stork's bill, crimson fountaingrass, tumbleweed, and Mexican fan palm.

Wildlife

Wildlife observed within the property, include American bushtit (*Psaltriparus minimus*), black phoebe (*Saynoris nigricans*) and California ground squirrel (*Otospermophilus beecheyi*).

Regional Connectivity/ Wildlife Movement

Wildlife movement corridors can be local or regional in scale; their functions may vary temporally and spatially based on conditions and species present. Wildlife corridors represent areas where wildlife movement is concentrated due to natural or anthropogenic constraints. Local corridors provide access to resources such as food, water, and shelter. Animals use these corridors, which are often hillsides or riparian areas, to move between different habitats. Regional corridors provide these functions and link two or more large habitat areas. They provide avenues for wildlife dispersal, migration, and contact between otherwise distinct populations.

The project site was evaluated for its function as a wildlife corridor. The project site is not located within a designated wildlife corridor or linkage. The entire project site is fenced and is located east, west, and south of industrial and commercial buildings. In addition, the site is north of the main street Telegraph Road, preventing wildlife from using the site as a corridor. This project site does not act as a wildlife corridor.

Critical Habitat

Critical habitat is defined as areas of land, water, and air space that contain the physical and biological features essential for the survival and recovery of endangered and threatened species. Designated critical

habitat includes sites for breeding and rearing, movement or migration, feeding, roosting, cover, and shelter. Critical habitat is designated by USFWS for endangered and threatened species per the federal ESA (16 U.S.C. § 1533 (a)(3)), and to the extent prudent and determinable. Special management of critical habitat, including measures for water quality and quantity, host animals and plants, food availability, pollinators, sunlight, and specific soil types is required to ensure the long-term survival and recovery of the identified species. Critical habitat designation delineates all suitable habitat for the species, whether or not it is occupied.

The project site is not located within or adjacent to any designated critical habitat for any endangered and/or threatened species.

Sensitive Plant Species

A total of 33 sensitive plant species were found to have the potential to occur on site according to the literature review (Appendix B, Potential Species List). These species were analyzed based on distribution, habitat requirements, and existing site conditions. A total of 13 of the reviewed sensitive plant species are listed as state and/or federal Threatened, Endangered, or Candidate species; or have a rare plant ranking of 1B.1 on the CNPS Rare Plant Inventory. No sensitive plant species recorded in the CNDDDB occur within 500 feet of the project site. Based upon the literature review and field surveys, the project site does not have habitat suitable for supporting any sensitive plant species. No sensitive plant species were determined to have the potential to occur on the project site.

Sensitive Habitats

According to CNDDDB four sensitive habitats have the potential to occur on site, including California walnut woodland, riversidean alluvial fan sage scrub, southern coastal salt marsh, and walnut forest. No sensitive habitats occur on site.

Sensitive Wildlife Species

A total of 48 sensitive wildlife species were found to have a potential to occur on the project site according to the literature review (Appendix B). These species were analyzed based on distribution, habitat requirements, and existing site conditions. A total of 17 of the reviewed sensitive wildlife species are listed as state and/or federal Endangered, Threatened and Candidate. Based upon the literature review and field surveys, the project site does not have habitat suitable for supporting any sensitive wildlife species. No sensitive wildlife species were found to have the potential to occur on the project site.

Project Impacts

The proposed project will impact approximately 26.77 acres of disturbed habitat on the site. The impacts include a parking lot for trailers and employees, trailer stalls, office areas, two warehouses (a north and south building), and landscaping.

Nesting Birds

Migratory non-game native bird species are protected under the federal Migratory Bird Treaty Act. Additionally, Sections 3503, 3503.5, and 3513 of the California Fish and Game Code prohibit the taking of all birds and their active nests. The project site contains trees and shrubs that can be utilized by nesting birds and raptors during the nesting bird season of February 1 through September 15.

It is recommended that vegetation removal be conducted during the non-nesting season for migratory birds to avoid direct impacts. The nesting season is between February 1 and September 15. If vegetation removal will occur during the migratory bird nesting season, between February 1 and September 15, it is recommended that preconstruction nesting bird surveys be performed within three days prior to vegetation removal. If active nests are found during nesting bird surveys, they shall be flagged, and an appropriate buffer shall be fenced around the nests. A biological monitor shall visit the site once a week during ground disturbing activities to ensure all fencing is in place and no nesting birds are being impacted.

Jurisdictional Drainages

No streams, drainages, or riparian habitat occur on site. No CDFW, United States Army Corps of Engineers (USACE), or Regional Water Quality Control Board (RWQCB) jurisdictional waters occur on site. Further, no wetlands or vernal pools were found on site. Therefore, no impacts to state or federal jurisdictional drainages will result from project implementation.

Santa Fe Springs Protected Trees

The City of Santa Fe Springs Tree Ordinance (Title IX, Chapter 96, Sections 130-140) regulates the relocation or removal of "Protected Trees or Shrubs". Per Chapter 96, Section 133 of the Santa Fe Springs Tree Ordinance it is stated, "No person shall cut, trim, prune, plant, remove, injure or interfere with any tree, shrub or plant upon any street, alley or public right-of-way within the city without a permit therefor from the Director. The Director is hereby authorized to grant such permit in his discretion and, where necessary, subject to the condition that the removed tree be replaced by an official tree as designated by the master street tree plan. No such permit shall be valid for a longer period than 30 days after its date of issuance".

There are offsite trees along Telegraph Road and Santa Fe Springs Road. Impacts to any offsite street trees would require a permit from the City of Santa Fe Springs prior to removal. The proposed project is not expected to impact any offsite street trees.


Please feel free to contact me via email at shawn@hernandezenvironmental.com or by telephone at 951.334.6219 if you have any questions regarding the findings of this report.

Sincerely,

Shawn Gatchel-Hernandez
Principal Regulatory Specialist

Certification

I hereby certify that the statements furnished above and in the attached exhibits present the 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.



Date 4/10/2024 Signed _____

Principal Regulatory Specialist

Fieldwork Performed By:

Elizabeth Gonzalez, Senior Biologist

Carissa Gomez, Associate Biologist

FIGURES

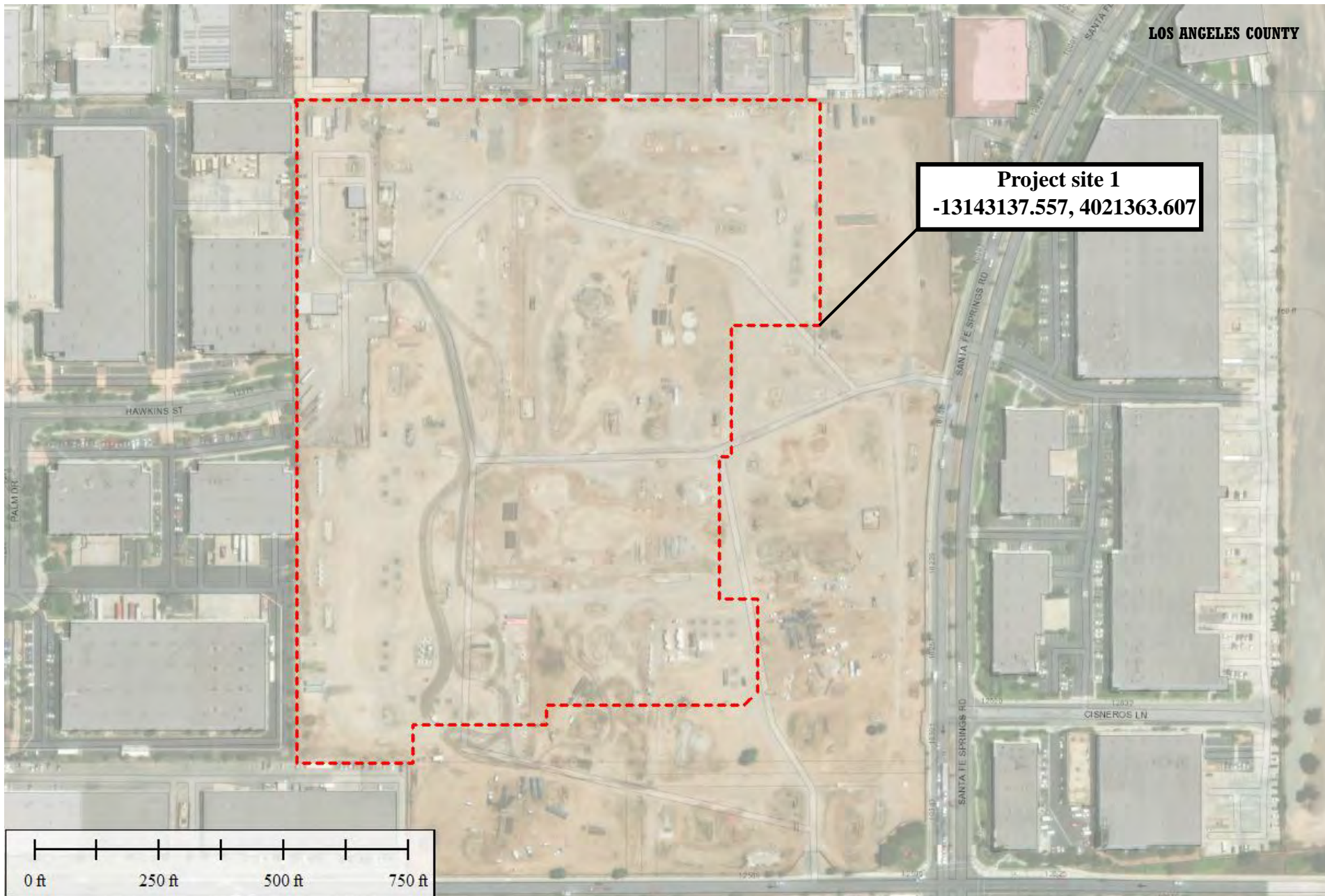


Figure 1
Location Map
AIN: 8005-015-051
City of Santa Fe Springs
Los Angeles County, California

Legend
Project site 1 (27.06 acres)



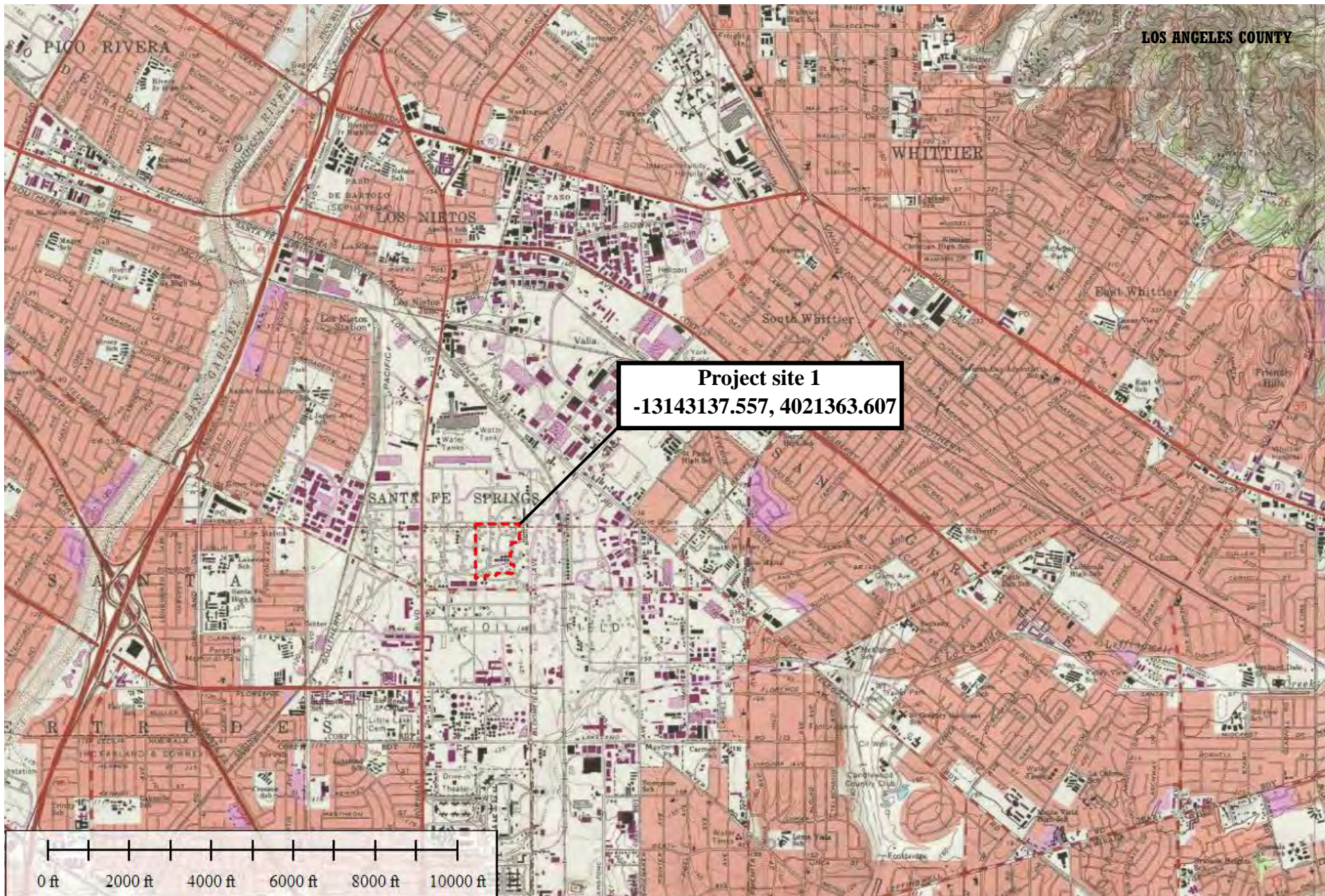


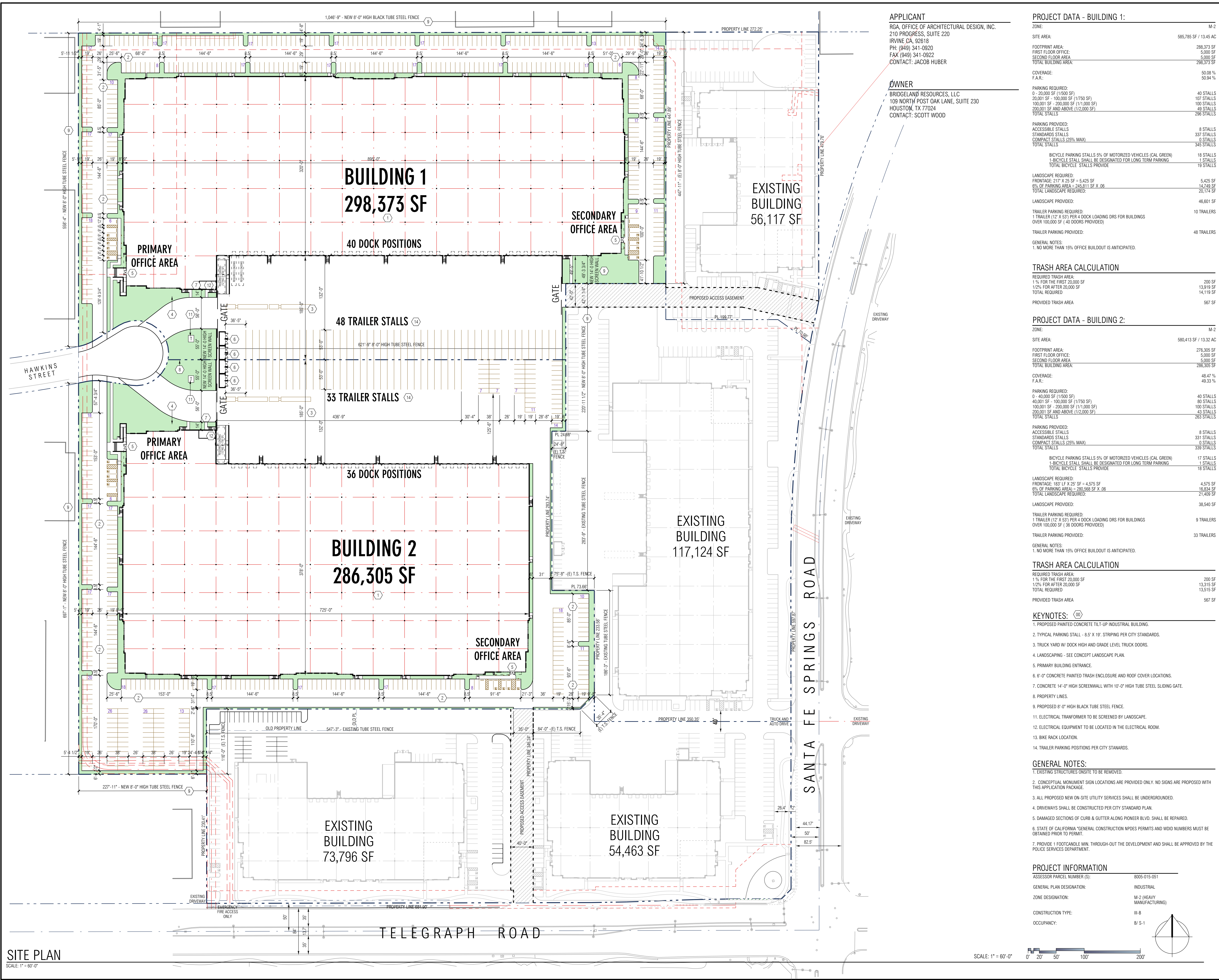
Figure 2
 Vicinity Map
 AIN: 8005-015-051
 City of Santa Fe Springs
 Los Angeles County, California

Legend
 Project site 1 (27.06 acres)



CD		
BID		
FC		
DD		
SD	02/27/24	SCHEMATIC DESIGN
MARK	DATE	DESCRIPTION

RGD PROJECT NO:	22100-00
OWNER PROJECT NO:	00000.00
CAD FILE NAME:	22100-00-A1-01P
DRAWN BY:	JH
CHK'D BY:	JH
COPYRIGHT:	RGD, OFFICE OF ARCHITECTURAL DESIGN
SHEET TITLE:	OVERALL SITE PLAN



APPLICANT
 RGA, OFFICE OF ARCHITECTURAL DESIGN, INC.
 210 PROGRESS, SUITE 220
 IRVINE, CA, 92618
 PH: (949) 341-0920
 FAX: (949) 341-0922
 CONTACT: JACOB HUBER

OWNER
 BRIDGLAND RESOURCES, LLC
 109 NORTH POST OAK LANE, SUITE 230
 HOUSTON, TX 77024
 CONTACT: SCOTT WOOD

PROJECT DATA - BUILDING 1:

ZONE:	M-2
SITE AREA:	585,785 SF / 13.45 AC
FOOTPRINT AREA:	288,373 SF
FIRST FLOOR OFFICE:	5,000 SF
SECOND FLOOR AREA:	5,000 SF
TOTAL BUILDING AREA:	288,373 SF
COVERAGE:	50.08 %
F.A.R.:	50.94 %
PARKING REQUIRED:	40 STALLS
0 - 20,000 SF (1/500 SF)	107 STALLS
20,001 SF - 100,000 SF (1/750 SF)	100 STALLS
100,001 SF - 200,000 SF (1/1,000 SF)	43 STALLS
200,001 SF AND ABOVE (1/2,000 SF)	296 STALLS
PARKING PROVIDED:	40 STALLS
ACCESSIBLE STALLS:	8 STALLS
STANDARDS STALLS:	337 STALLS
COMPACT STALLS (25% MAX):	1 STALLS
TOTAL STALLS:	345 STALLS
BICYCLE PARKING STALLS 5% OF MOTORIZED VEHICLES (CAL GREEN):	18 STALLS
1-BICYCLE STALL SHALL BE DESIGNATED FOR LONG TERM PARKING:	1 STALLS
TOTAL BICYCLE STALLS PROVIDED:	19 STALLS
LANDSCAPE REQUIRED:	5,425 SF
FRONTAGE: 217' X 25' SF = 5,425 SF	17,750 SF
6% OF PARKING AREA = 265,611 SF X .06	20,174 SF
TOTAL LANDSCAPE REQUIRED:	46,601 SF
LANDSCAPE PROVIDED:	10 TRAILERS
TRAILER PARKING REQUIRED:	48 TRAILERS
1 TRAILER (12' X 53') PER 4 DOCK LOADING DRS FOR BUILDINGS OVER 100,000 SF (40 DOCKS PROVIDED)	
TRAILER PARKING PROVIDED:	

GENERAL NOTES:
 1. NO MORE THAN 15% OFFICE BUILDOUT IS ANTICIPATED.

TRASH AREA CALCULATION

REQUIRED TRASH AREA:	200 SF
1% FOR THE FIRST 20,000 SF	13,916 SF
1/2% FOR AFTER 20,000 SF	14,119 SF
TOTAL REQUIRED:	567 SF
PROVIDED TRASH AREA:	567 SF

PROJECT DATA - BUILDING 2:

ZONE:	M-2
SITE AREA:	580,413 SF / 13.32 AC
FOOTPRINT AREA:	276,305 SF
FIRST FLOOR OFFICE:	5,000 SF
SECOND FLOOR AREA:	5,000 SF
TOTAL BUILDING AREA:	286,305 SF
COVERAGE:	48.47 %
F.A.R.:	49.33 %
PARKING REQUIRED:	40 STALLS
0 - 40,000 SF (1/500 SF)	80 STALLS
40,001 SF - 100,000 SF (1/750 SF)	100 STALLS
100,001 SF - 200,000 SF (1/1,000 SF)	43 STALLS
200,001 SF AND ABOVE (1/2,000 SF)	263 STALLS
PARKING PROVIDED:	9 STALLS
ACCESSIBLE STALLS:	331 STALLS
STANDARDS STALLS:	0 STALLS
COMPACT STALLS (25% MAX):	339 STALLS
TOTAL STALLS:	17 STALLS
BICYCLE PARKING STALLS 5% OF MOTORIZED VEHICLES (CAL GREEN):	1 STALLS
1-BICYCLE STALL SHALL BE DESIGNATED FOR LONG TERM PARKING:	1 STALLS
TOTAL BICYCLE STALLS PROVIDED:	18 STALLS
LANDSCAPE REQUIRED:	4,575 SF
FRONTAGE: 183' X 25' SF = 4,575 SF	16,834 SF
6% OF PARKING AREA = 280,568 SF X .06	21,409 SF
TOTAL LANDSCAPE REQUIRED:	38,540 SF
LANDSCAPE PROVIDED:	9 TRAILERS
TRAILER PARKING REQUIRED:	33 TRAILERS
1 TRAILER (12' X 53') PER 4 DOCK LOADING DRS FOR BUILDINGS OVER 100,000 SF (36 DOCKS PROVIDED)	
TRAILER PARKING PROVIDED:	

GENERAL NOTES:
 1. NO MORE THAN 15% OFFICE BUILDOUT IS ANTICIPATED.

TRASH AREA CALCULATION

REQUIRED TRASH AREA:	200 SF
1% FOR THE FIRST 20,000 SF	13,315 SF
1/2% FOR AFTER 20,000 SF	13,115 SF
TOTAL REQUIRED:	567 SF
PROVIDED TRASH AREA:	567 SF

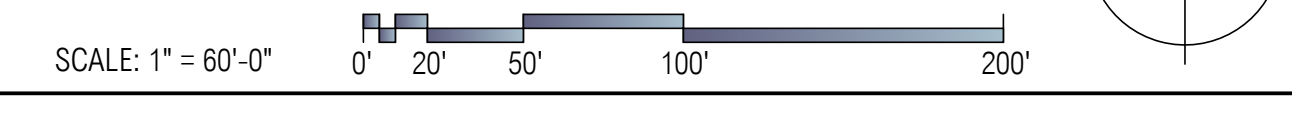
- KEYNOTES:**
- PROPOSED PAINTED CONCRETE TILT-UP INDUSTRIAL BUILDING.
 - TYPICAL PARKING STALL - 8.5' X 19'. STRIPING PER CITY STANDARDS.
 - TRUCK YARD W/ DOCK HIGH AND GRADE LEVEL TRUCK DOORS.
 - LANDSCAPING - SEE CONCEPT LANDSCAPE PLAN.
 - PRIMARY BUILDING ENTRANCE.
 - 6'-0" CONCRETE PAINTED TRASH ENCLOSURE AND ROOF COVER LOCATIONS.
 - CONCRETE 14'-0" HIGH SCREENWALL WITH 10'-0" HIGH TUBE STEEL SLIDING GATE.
 - PROPERTY LINES.
 - PROPOSED 8'-0" HIGH BLACK TUBE STEEL FENCE.
 - ELECTRICAL TRANSFORMER TO BE SCREENED BY LANDSCAPE.
 - ELECTRICAL EQUIPMENT TO BE LOCATED IN THE ELECTRICAL ROOM.
 - BIKE RACK LOCATION.
 - TRAILER PARKING POSITIONS PER CITY STANDARDS.

- GENERAL NOTES:**
- EXISTING STRUCTURES ON-SITE TO BE REMOVED.
 - CONCEPTUAL MONUMENT SIGN LOCATIONS ARE PROVIDED ONLY. NO SIGNS ARE PROPOSED WITH THIS APPLICATION PACKAGE.
 - ALL PROPOSED NEW ON-SITE UTILITY SERVICES SHALL BE UNDERGROUND.
 - DRIVEWAYS SHALL BE CONSTRUCTED PER CITY STANDARD PLAN.
 - DAMAGED SECTIONS OF CURB & GUTTER ALONG PIONEER BLVD. SHALL BE REPAIRED.
 - STATE OF CALIFORNIA "GENERAL CONSTRUCTION NPDES PERMITS AND WQID NUMBERS MUST BE OBTAINED PRIOR TO PERMIT.
 - PROVIDE 1 FOOT CANDLE MIN. THROUGH-OUT THE DEVELOPMENT AND SHALL BE APPROVED BY THE POLICE SERVICES DEPARTMENT.

PROJECT INFORMATION

ASSESSOR PARCEL NUMBER (S):	8005-015-051
GENERAL PLAN DESIGNATION:	INDUSTRIAL
ZONE DESIGNATION:	M-2 (HEAVY MANUFACTURING)
CONSTRUCTION TYPE:	III-B
OCCUPANCY:	B/S-1

SITE PLAN
SCALE: 1" = 60'-0"



LOS ANGELES COUNTY

Project site 1
-13143137.557, 4021363.607

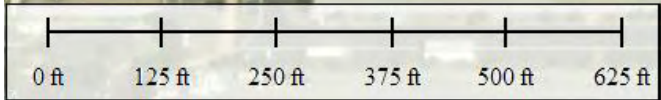




Figure 4
Habitat Map
AIN: 8005-015-051
City of Santa Fe Springs
Los Angeles County, California

Legend

-  Project site 1 (27.06 acres)
-  Disturbed habitat (27.06 acres)



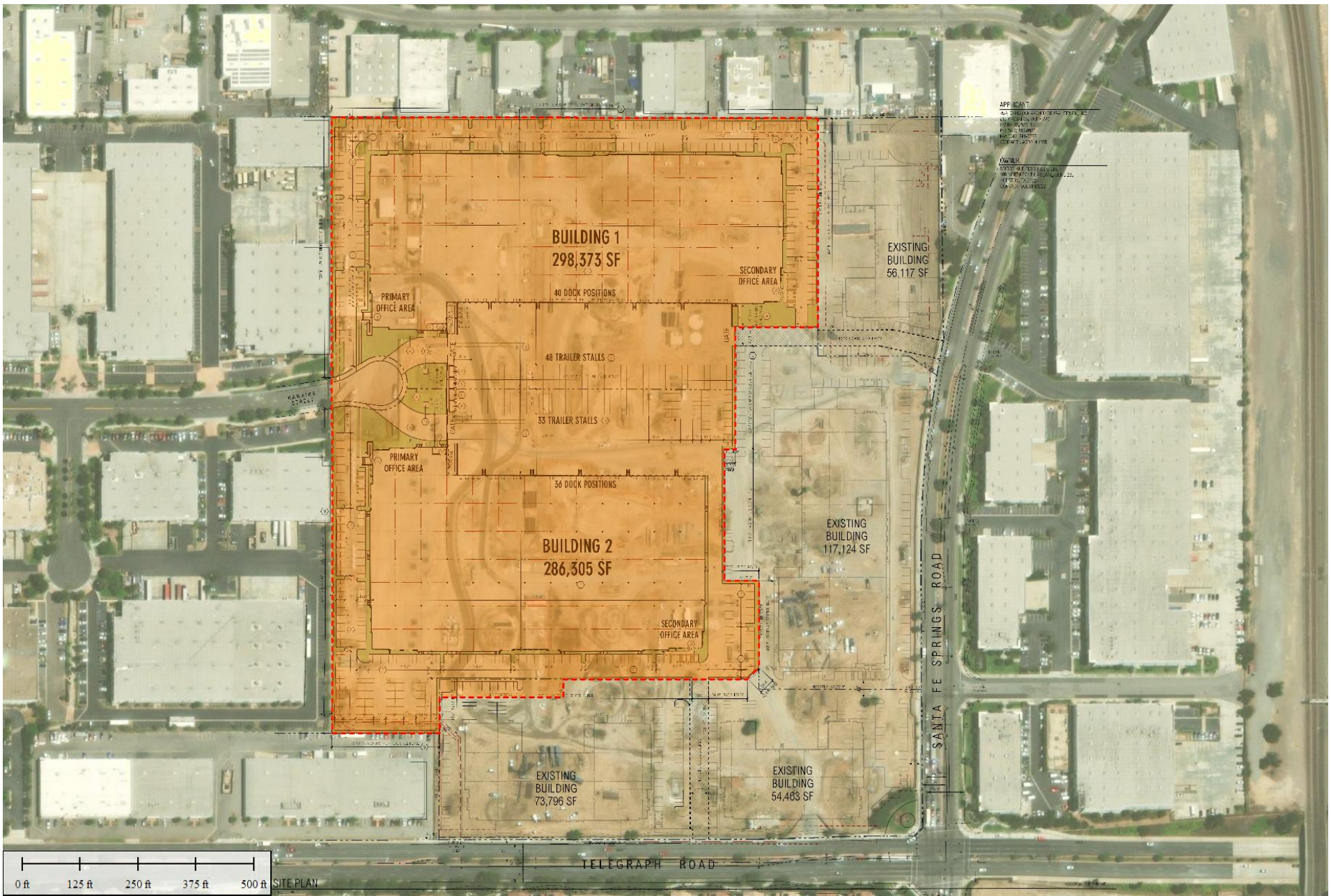


Figure 5
 Impact Map
 AIN: 8005-015-051
 City of Santa Fe Springs
 Los Angeles County, California

- Legend**
- Project site 1 (27.06 acres)
 - Disturbed habitat (27.06 acres)



APPENDIX A

Observed Species

Plant List

Scientific Name

Ailanthus altissima

Chenopodium murale

Distichlis spicata

Eragrostis cilianesis

Erigeron bonariensis

Erodium cicutarium

Malva parviflora

Pennisetum setaceum

Salsola tragus

Washingtonia robusta

Common Name

Tree of heaven

Nettle leaf goosefoot

Salt grass

Stinkgrass

Flax-leaved horseweed

Redstem stork's bill

Cheeseweed mallow

Crimson fountaingrass

Tumbleweed

Mexican fan palm

Wildlife List

Scientific Name

Otospermophilus beecheyi

Psaltriparus minimus

Saynoris nigricans

Common Name

California ground squirrel

American bushtit

Black phoebe

APPENDIX B

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
<i>Abronia villosa</i> var. <i>aurita</i>	chaparral sand-verbena	Dicots	None	None	1B.1	BLM_S-Sensitive SB_CalBG/RSAB G-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	Chaparral Coastal scrub Desert dunes	Chaparral, coastal scrub, desert dunes.	Sandy areas. - 60-1570 m.	There is no suitable habitat on site. This species is not present.
<i>Astragalus hornii</i> var. <i>hornii</i>	Horn's milk-vetch	Dicots	None	None	1B.1	BLM_S-Sensitive	Alkali playa Meadow & seep Wetland	Meadows and seeps, playas.	Lake margins, alkaline sites. 75-350 m.	There is no suitable habitat on site. This species is not present.
<i>Atriplex coulteri</i>	Coulter's saltbush	Dicots	None	None	1B.2	SB_CalBG/RSAB G-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	Coastal bluff scrub Coastal dunes Coastal scrub Valley & foothill grassland	Coastal bluff scrub, coastal dunes, coastal scrub, valley and foothill grassland.	Ocean bluffs, ridgetops, as well as alkaline low places. Alkaline or clay soils. 2-460 m.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
<i>Atriplex parishii</i>	Parish's brittle scale	Dicots	None	None	1B.1	SB_CRES-San Diego Zoo CRES Native Gene Seed Bank USFS_S-Sensitive	Alkali playa Chenopod scrub Meadow & seep Vernal pool Wetland	Vernal pools, chenopod scrub, playas.	Usually on drying alkali flats with fine soils. 4-1420 m.	There is no suitable habitat on site. This species is not present.
<i>Atriplex serenana</i> var. <i>davidsonii</i>	Davidson's salt scale	Dicots	None	None	1B.2	SB_CalBG/RSAB G-California/Rancho Santa Ana Botanic Garden	Coastal bluff scrub Coastal scrub	Coastal bluff scrub, coastal scrub.	Alkaline soil. 0-480 m.	There is no suitable habitat on site. This species is not present.
California Walnut Woodland	California Walnut Woodland	Woodland	None	None			Cismontane woodland			Not present.
<i>Calochortus plummerae</i>	Plummer's mariposa-lily	Monocots	None	None	4.2	SB_CalBG/RSAB G-California/Rancho Santa Ana Botanic Garden	Chaparral Cismontane woodland Coastal scrub Lower montane coniferous forest Valley & foothill grassland	Coastal scrub, chaparral, valley and foothill grassland, cismontane woodland, lower montane coniferous forest.	Occurs on rocky and sandy sites, usually of granitic or alluvial material. Can be very common after fire. 60-2500 m.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Calochortus weedii var. intermedius	intermediate mariposa-lily	Monocots	None	None	1B.2	SB_CalBG/RSAB G-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	Chaparral Coastal scrub Valley & foothill grassland	Coastal scrub, chaparral, valley and foothill grassland.	Dry, rocky calcareous slopes and rock outcrops. 60-1575 m.	There is no suitable habitat on site. This species is not present.
Calystegia felix	lucky morning-glory	Dicots	None	None	1B.1		Meadow & seep Riparian scrub	Meadows and seeps, riparian scrub.	Sometimes alkaline, alluvial. 9-205 m.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Centromadia parryi ssp. australis	southern tarplant	Dicots	None	None	1B.1	SB_CalBG/RSAB G- California/Ranc ho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank SB_SBBG-Santa Barbara Botanic Garden	Marsh & swamp Salt marsh Valley & foothill grassland Vernal pool Wetland	Marshes and swamps (margins), valley and foothill grassland, vernal pools.	Often in disturbed sites near the coast at marsh edges; also in alkaline soils sometimes with saltgrass. Sometimes on vernal pool margins. 0- 975 m.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
<i>Chloropyron maritimum</i> ssp. <i>maritimum</i>	salt marsh bird's-beak	Dicots	Endangered	Endangered	1B.2	BLM_S-Sensitive SB_CalBG/RSAB G-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank SB_SBBG-Santa Barbara Botanic Garden	Coastal dunes Marsh & swamp Salt marsh Wetland	Marshes and swamps, coastal dunes.	Limited to the higher zones of salt marsh habitat. 0-10 m.	There is no suitable habitat on site. This species is not present.
<i>Cuscuta obtusiflora</i> var. <i>glandulosa</i>	Peruvian dodder	Dicots	None	None	2B.2		Marsh & swamp Wetland	Marshes and swamps (freshwater).	Freshwater marsh. 15-280 m.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
<i>Dodecahema leptoceras</i>	slender-horned spineflower	Dicots	Endangered	Endangered	1B.1	SB_CalBG/RSAB G-California/Rancho Santa Ana Botanic Garden	Chaparral Cismontane woodland Coastal scrub	Chaparral, cismontane woodland, coastal scrub (alluvial fan sage scrub).	Flood deposited terraces and washes; associates include <i>Encelia</i> , <i>Dalea</i> , <i>Lepidospartum</i> , etc. Sandy soils. 200-765 m.	There is no suitable habitat on site. This species is not present.
<i>Dudleya multicaulis</i>	many-stemmed dudleya	Dicots	None	None	1B.2	SB_CalBG/RSAB G-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	Chaparral Coastal scrub Valley & foothill grassland	Chaparral, coastal scrub, valley and foothill grassland.	In heavy, often clayey soils or grassy slopes. 1-910 m.	There is no suitable habitat on site. This species is not present.
<i>Helianthus nuttallii</i> ssp. <i>parishii</i>	Los Angeles sunflower	Dicots	None	None	1A		Freshwater marsh Marsh & swamp Salt marsh Wetland	Marshes and swamps (coastal salt and freshwater).	35-1525 m.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
<i>Horkelia cuneata</i> var. <i>puberula</i>	mesa horkelia	Dicots	None	None	1B.1	SB_CalBG/RSAB G- California/Rancho Santa Ana Botanic Garden USFS_S- Sensitive	Chaparral Cismontane woodland Coastal scrub	Chaparral, cismontane woodland, coastal scrub.	Sandy or gravelly sites. 15-1645 m.	There is no suitable habitat on site. This species is not present.
<i>Isocoma menziesii</i> var. <i>decumbens</i>	decumbent goldenbush	Dicots	None	None	1B.2	BLM_S- Sensitive SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	Chaparral Coastal scrub	Coastal scrub, chaparral.	Sandy soils; often in disturbed sites. 1-915 m.	There is no suitable habitat on site. This species is not present.
<i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	Coulter's goldfields	Dicots	None	None	1B.1	BLM_S- Sensitive SB_CalBG/RSAB G- California/Rancho Santa Ana Botanic Garden SB_SBBG- Santa Barbara Botanic Garden	Alkali playa Marsh & swamp Salt marsh Vernal pool Wetland	Coastal salt marshes, playas, vernal pools.	Usually found on alkaline soils in playas, sinks, and grasslands. 1- 1375 m.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Lepidium virginicum var. robinsonii	Robinson's pepper-grass	Dicots	None	None	4.3		Chaparral Coastal scrub	Chaparral, coastal scrub.	Dry soils, shrubland. 4-1435 m.	There is no suitable habitat on site. This species is not present.
Nama stenocarpa	mud nama	Dicots	None	None	2B.2		Marsh & swamp Wetland	Marshes and swamps.	Lake shores, river banks, intermittently wet areas. 15-815 m.	There is no suitable habitat on site. This species is not present.
Nasturtium gambelii	Gambel's water cress	Dicots	Endangered	Threatened	1B.1	SB_CalBG/RSAB G-California/Rancho Santa Ana Botanic Garden SB_SBBG-Santa Barbara Botanic Garden	Brackish marsh Freshwater marsh Marsh & swamp Wetland	Marshes and swamps.	Freshwater and brackish marshes at the margins of lakes and along streams, in or just above the water level. 5-305 m.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Navarretia prostrata	prostrate vernal pool navarretia	Dicots	None	None	1B.2		Coastal scrub Meadow & seep Valley & foothill grassland Vernal pool Wetland	Coastal scrub, valley and foothill grassland, vernal pools, meadows and seeps.	Alkaline soils in grassland, or in vernal pools. Mesic, alkaline sites. 3-1235 m.	There is no suitable habitat on site. This species is not present.
Nemacaulis denudata var. denudata	coast woolly-heads	Dicots	None	None	1B.2	SB_CalBG/RSAB G-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	Coastal dunes	Coastal dunes.	0-5 m.	There is no suitable habitat on site. This species is not present.
Orcuttia californica	California Orcutt grass	Monocots	Endangered	Endangered	1B.1	SB_CalBG/RSAB G-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank	Vernal pool Wetland	Vernal pools.	10-660 m.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
<i>Pentachaeta lyonii</i>	Lyon's pentachaeta	Dicots	Endangered	Endangered	1B.1	SB_CalBG/RSAB G-California/Rancho Santa Ana Botanic Garden	Chaparral Coastal scrub Valley & foothill grassland	Chaparral, valley and foothill grassland, coastal scrub.	Edges of clearings in chaparral, usually at the ecotone between grassland and chaparral or edges of firebreaks. 30-670 m.	There is no suitable habitat on site. This species is not present.
<i>Phacelia stellaris</i>	Brand's star phacelia	Dicots	None	None	1B.1	SB_CalBG/RSAB G-California/Rancho Santa Ana Botanic Garden	Coastal dunes Coastal scrub	Coastal scrub, coastal dunes.	Open areas. 3-370 m.	There is no suitable habitat on site. This species is not present.
<i>Pseudognaphalium leucocephalum</i>	white rabbit-tobacco	Dicots	None	None	2B.2		Chaparral Cismontane woodland Coastal scrub Riparian woodland	Riparian woodland, cismontane woodland, coastal scrub, chaparral.	Sandy, gravelly sites. 35-515 m.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Ribes divaricatum var. parishii	Parish's gooseberry	Dicots	None	None	1A		Riparian woodland	Riparian woodland.	Salix swales in riparian habitats. 65-300 m.	There is no suitable habitat on site. This species is not present.
Riversidian Alluvial Fan Sage Scrub	Riversidian Alluvial Fan Sage Scrub	Scrub	None	None			Coastal scrub			Not present.
Sagittaria sanfordii	Sanford's arrowhead	Monocots	None	None	1B.2	BLM_S-Sensitive	Marsh & swamp Wetland	Marshes and swamps.	In standing or slow-moving freshwater ponds, marshes, and ditches. 0-605 m.	There is no suitable habitat on site. This species is not present.
Scutellaria bolanderi ssp. austromontana	southern mountains skullcap	Dicots	None	None	1B.2	SB_CalBG/RSAB G-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	Chaparral Cismontane woodland Lower montane coniferous forest	Chaparral, cismontane woodland, lower montane coniferous forest.	In gravelly soils on streambanks or in mesic sites in oak or pine woodland. 425-2000 m.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Sidalcea neomexicana	salt spring checkerbloom	Dicots	None	None	2B.2	USFS_S-Sensitive	Alkali playa Chaparral Coastal scrub Lower montane coniferous forest Mojavean desert scrub Wetland	Playas, chaparral, coastal scrub, lower montane coniferous forest, Mojavean desert scrub.	Alkali springs and marshes. 3-2380 m.	There is no suitable habitat on site. This species is not present.
Southern Coastal Salt Marsh	Southern Coastal Salt Marsh	Marsh	None	None			Marsh & swamp Wetland			Not present.
Suaeda esteroa	estuary seablite	Dicots	None	None	1B.2		Marsh & swamp Salt marsh Wetland	Marshes and swamps.	Coastal salt marshes in clay, silt, and sand substrates. 0-80 m.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Symphotrichum defoliatum	San Bernardino aster	Dicots	None	None	1B.2	SB_CalBG/RSAB G-California/Rancho Santa Ana Botanic Garden SB_CRES-San Diego Zoo CRES Native Gene Seed Bank USFS_S-Sensitive	Cismontane woodland Coastal scrub Lower montane coniferous forest Marsh & swamp Meadow & seep Valley & foothill grassland	Meadows and seeps, cismontane woodland, coastal scrub, lower montane coniferous forest, marshes and swamps, valley and foothill grassland.	Vernally mesic grassland or near ditches, streams and springs; disturbed areas. 3-2045 m.	There is no suitable habitat on site. This species is not present.
Symphotrichum greatae	Greata's aster	Dicots	None	None	1B.3	SB_CalBG/RSAB G-California/Rancho Santa Ana Botanic Garden	Broadleaved upland forest Chaparral Cismontane woodland Lower montane coniferous forest Riparian woodland	Chaparral, cismontane woodland, broadleaved upland forest, lower montane coniferous forest, riparian woodland.	Mesic canyons. 335-2015 m.	There is no suitable habitat on site. This species is not present.
Walnut Forest	Walnut Forest	Forest	None	None			Broadleaved upland forest			Not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Accipiter cooperii	Cooper's hawk	Birds	None	None	CDFW_WL-Watch List IUCN_LC-Least Concern	Cismontane woodland Riparian forest Riparian woodland Upper montane coniferous forest	Woodland, chiefly of open, interrupted or marginal type.	Nest sites mainly in riparian growths of deciduous trees, as in canyon bottoms on river flood-plains; also, live oaks.	There is no suitable habitat on site. This species is not present.
Agelaius tricolor	tricolored blackbird	Birds	None	Threatened	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_EN-Endangered USFWS_BCC-Birds of Conservation Concern	Freshwater marsh Marsh & swamp Swamp Wetland	Highly colonial species, most numerous in Central Valley and vicinity. Largely endemic to California.	Requires open water, protected nesting substrate, and foraging area with insect prey within a few km of the colony.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
<i>Aimophila ruficeps canescens</i>	southern California rufous-crowned sparrow	Birds	None	None	CDFW_WL-Watch List	Chaparral Coastal scrub	Resident in Southern California coastal sage scrub and sparse mixed chaparral.	Frequents relatively steep, often rocky hillsides with grass and forb patches.	There is no suitable habitat on site. This species is not present.
<i>Ammodramus savannarum</i>	grasshopper sparrow	Birds	None	None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	Valley & foothill grassland	Dense grasslands on rolling hills, lowland plains, in valleys and on hillsides on lower mountain slopes.	Favors native grasslands with a mix of grasses, forbs and scattered shrubs. Loosely colonial when nesting.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Anniella stebbinsi	Southern California legless lizard	Reptiles	None	None	CDFW_SSC- Species of Special Concern USFS_S- Sensitive	Broadleaved upland forest Chaparral Coastal dunes Coastal scrub	Generally south of the Transverse Range, extending to northwestern Baja California. Occurs in sandy or loose loamy soils under sparse vegetation. Disjunct populations in the Tehachapi and Piute Mountains in Kern County.	Variety of habitats; generally in moist, loose soil. They prefer soils with a high moisture content.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Antrozous pallidus	pallid bat	Mammals	None	None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFS_S-Sensitive	Chaparral Coastal scrub Desert wash Great Basin grassland Great Basin scrub Mojavean desert scrub Riparian woodland Sonoran desert scrub Upper montane coniferous forest Valley & foothill grassland	Deserts, grasslands, shrublands, woodlands and forests. Most common in open, dry habitats with rocky areas for roosting.	Roosts must protect bats from high temperatures. Very sensitive to disturbance of roosting sites.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Arizona elegans occidentalis	California glossy snake	Reptiles	None	None	CDFW_SSC-Species of Special Concern		Patchily distributed from the eastern portion of San Francisco Bay, southern San Joaquin Valley, and the Coast, Transverse, and Peninsular ranges, south to Baja California.	Generalist reported from a range of scrub and grassland habitats, often with loose or sandy soils.	There is no suitable habitat on site. This species is not present.
Aspidoscelis tigris stejnegeri	coastal whiptail	Reptiles	None	None	CDFW_SSC-Species of Special Concern		Found in deserts and semi-arid areas with sparse vegetation and open areas. Also found in woodland and riparian areas.	Ground may be firm soil, sandy, or rocky.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Athene cunicularia	burrowing owl	Birds	None	None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	Coastal prairie Coastal scrub Great Basin grassland Great Basin scrub Mojavean desert scrub Sonoran desert scrub Valley & foothill grassland	Open, dry annual or perennial grasslands, deserts, and scrublands characterized by low-growing vegetation.	Subterranean nester, dependent upon burrowing mammals, most notably, the California ground squirrel.	There is no suitable habitat on site. This species is not present.
Bombus crotchii	Crotch bumble bee	Insects	None	Candidate Endangered	IUCN_EN-Endangered		Coastal California east to the Sierra-Cascade crest and south into Mexico.	Food plant genera include Antirrhinum, Phacelia, Clarkia, Dendromecon, Eschscholzia, and Eriogonum.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Bombus pensylvanicus	American bumble bee	Insects	None	None	IUCN_VU-Vulnerable	Coastal prairie Great Basin grassland Valley & foothill grassland		<p>Long-tongued; forages on a wide variety of flowers including vetches (Vicia), clovers (Trifolium), thistles (Cirsium), sunflowers (Helianthus), etc. Nests above ground under long grass or underground. Queens overwinter in rotten wood or underground.</p>	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Buteo regalis	ferruginous hawk	Birds	None	None	CDFW_WL-Watch List IUCN_LC-Least Concern	Great Basin grassland Great Basin scrub Pinon & juniper woodlands Valley & foothill grassland	Open grasslands, sagebrush flats, desert scrub, low foothills and fringes of pinyon and juniper habitats.	Eats mostly lagomorphs, ground squirrels, and mice. Population trends may follow lagomorph population cycles.	There is no suitable habitat on site. This species is not present.
Buteo swainsoni	Swainson's hawk	Birds	None	Threatened	BLM_S-Sensitive IUCN_LC-Least Concern	Great Basin grassland Riparian forest Riparian woodland Valley & foothill grassland	Breeds in grasslands with scattered trees, juniper-sage flats, riparian areas, savannahs, and agricultural or ranch lands with groves or lines of trees.	Requires adjacent suitable foraging areas such as grasslands, or alfalfa or grain fields supporting rodent populations.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Campylorhynchus brunneicapillus sandiegensis	coastal cactus wren	Birds	None	None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive USFWS_BCC-Birds of Conservation Concern	Coastal scrub	Southern California coastal sage scrub.	Wrens require tall opuntia cactus for nesting and roosting.	There is no suitable habitat on site. This species is not present.
Chelonia mydas	green turtle	Reptiles	Threatened	None	IUCN_EN-Endangered	Marine bay	Marine.	Completely herbivorous; needs adequate supply of seagrasses and algae.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
<i>Cicindela hirticollis gravida</i>	sandy beach tiger beetle	Insects	None	None		Coastal dunes	Inhabits areas adjacent to non-brackish water along the coast of California from San Francisco Bay to northern Mexico.	Clean, dry, light-colored sand in the upper zone. Subterranean larvae prefer moist sand not affected by wave action.	There is no suitable habitat on site. This species is not present.
<i>Cicindela latesignata</i>	western beach tiger beetle	Insects	None	None		Estuary Mud shore/flats Salt marsh Sand shore	Mudflats and beaches of coastal estuaries from San Diego County to Los Angeles County.	Typically inhabit wet or dry sandy beaches and mud, sand, or salt flats.	There is no suitable habitat on site. This species is not present.
<i>Cicindela senilis frosti</i>	senile tiger beetle	Insects	None	None		Mud shore/flats Wetland	Inhabits marine shoreline, from Central California coast south to salt marshes of San Diego. Also found at Lake Elsinore.	Inhabits dark-colored mud in the lower zone and dried salt pans in the upper zone.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
<i>Coccyzus americanus occidentalis</i>	western yellow-billed cuckoo	Birds	Threatened	Endangered	BLM_S-Sensitive USFS_S-Sensitive	Riparian forest	Riparian forest nester, along the broad, lower flood bottoms of larger river systems.	Nests in riparian jungles of willow, often mixed with cottonwoods, with lower story of blackberry, nettles, or wild grape.	There is no suitable habitat on site. This species is not present.
<i>Danaus plexippus plexippus</i> pop. 1	monarch - California overwintering population	Insects	Candidate	None	IUCN_EN-Endangered USFS_S-Sensitive	Closed-cone coniferous forest	Winter roost sites extend along the coast from northern Mendocino to Baja California, Mexico.	Roosts located in wind-protected tree groves (eucalyptus, Monterey pine, cypress), with nectar and water sources nearby.	There is no suitable habitat on site. This species is not present.
<i>Empidonax traillii extimus</i>	southwestern willow flycatcher	Birds	Endangered	Endangered		Riparian woodland	Riparian woodlands in Southern California.		There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Emys marmorata	western pond turtle	Reptiles	Proposed Threatened	None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_VU-Vulnerable USFS_S-Sensitive	Aquatic Artificial flowing waters Klamath/North coast flowing waters Klamath/North coast standing waters Marsh & swamp Sacramento/San Joaquin flowing waters Sacramento/San Joaquin standing waters South coast flowing waters South coast stan	A thoroughly aquatic turtle of ponds, marshes, rivers, streams and irrigation ditches, usually with aquatic vegetation, below 6000 ft elevation.	Needs basking sites and suitable (sandy banks or grassy open fields) upland habitat up to 0.5 km from water for egg-laying.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
<i>Eumops perotis californicus</i>	western mastiff bat	Mammals	None	None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern	Chaparral Cismontane woodland Coastal scrub Valley & foothill grassland	Many open, semi-arid to arid habitats, including conifer and deciduous woodlands, coastal scrub, grasslands, chaparral, etc.	Roosts in crevices in cliff faces, high buildings, trees and tunnels.	There is no suitable habitat on site. This species is not present.
<i>Euphydryas editha quino</i>	quino checkerspot butterfly	Insects	Endangered	None		Chaparral Coastal scrub	Sunny openings within chaparral and coastal sage shrublands in parts of Riverside and San Diego counties.	Hills and mesas near the coast. Need high densities of food plants <i>Plantago erecta</i> , <i>P. insularis</i> , and <i>Orthocarpus purpureus</i> .	There is no suitable habitat on site. This species is not present.
<i>Glyptostoma gabrielense</i>	San Gabriel chestnut	Mollusks	None	None			Terrestrial.		There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Gonidea angulata	western ridged mussel	Mollusks	None	None	IUCN_VU-Vulnerable	Aquatic	Primarily creeks and rivers and less often lakes. Originally in most of state, now extirpated from Central and Southern California.		There is no suitable habitat on site. This species is not present.
Habroscelimorpha gabbii	western tidal-flat tiger beetle	Insects	None	None		Estuary Mud shore/flats	Inhabits estuaries and mudflats along the coast of Southern California.	Generally found on dark-colored mud in the lower zone; occasionally found on dry saline flats of estuaries.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Icteria virens	yellow-breasted chat	Birds	None	None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	Riparian forest Riparian scrub Riparian woodland	Summer resident; inhabits riparian thickets of willow and other brushy tangles near watercourses.	Nests in low, dense riparian, consisting of willow, blackberry, wild grape; forages and nests within 10 ft of ground.	There is no suitable habitat on site. This species is not present.
Lasionycteris noctivagans	silver-haired bat	Mammals	None	None	IUCN_LC-Least Concern	Lower montane coniferous forest Oldgrowth Riparian forest	Primarily a coastal and montane forest dweller, feeding over streams, ponds and open brushy areas.	Roosts in hollow trees, beneath exfoliating bark, abandoned woodpecker holes, and rarely under rocks. Needs drinking water.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Lasiurus cinereus	hoary bat	Mammals	None	None	IUCN_LC-Least Concern	Broadleaved upland forest Cismontane woodland Lower montane coniferous forest North coast coniferous forest	Prefers open habitats or habitat mosaics, with access to trees for cover and open areas or habitat edges for feeding.	Roosts in dense foliage of medium to large trees. Feeds primarily on moths. Requires water.	There is no suitable habitat on site. This species is not present.
Lasiurus xanthinus	western yellow bat	Mammals	None	None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	Desert wash	Found in valley foothill riparian, desert riparian, desert wash, and palm oasis habitats.	Roosts in trees, particularly palms. Forages over water and among trees.	There is no suitable habitat on site. This species is not present.
Laterallus jamaicensis coturniculus	California black rail	Birds	None	Threatened	BLM_S-Sensitive CDFW_FP-Fully Protected IUCN_EN-Endangered	Brackish marsh Freshwater marsh Marsh & swamp Salt marsh Wetland	Inhabits freshwater marshes, wet meadows and shallow margins of saltwater marshes bordering larger bays.	Needs water depths of about 1 inch that do not fluctuate during the year and dense vegetation for nesting habitat.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Lepus californicus bennettii	San Diego black-tailed jackrabbit	Mammals	None	None		Coastal scrub	Intermediate canopy stages of shrub habitats and open shrub / herbaceous and tree / herbaceous edges.	Coastal sage scrub habitats in Southern California.	There is no suitable habitat on site. This species is not present.
Microtus californicus stephensi	south coast marsh vole	Mammals	None	None	CDFW_SSC-Species of Special Concern		Tidal marshes in Los Angeles, Orange and southern Ventura counties.		There is no suitable habitat on site. This species is not present.
Nyctinomops femorosaccus	pocketed free-tailed bat	Mammals	None	None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	Joshua tree woodland Pinon & juniper woodlands Riparian scrub Sonoran desert scrub	Variety of arid areas in Southern California; pine-juniper woodlands, desert scrub, palm oasis, desert wash, desert riparian, etc.	Rocky areas with high cliffs.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Nyctinomops macrotis	big free-tailed bat	Mammals	None	None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern		Low-lying arid areas in Southern California.	Need high cliffs or rocky outcrops for roosting sites. Feeds principally on large moths.	There is no suitable habitat on site. This species is not present.
Oncorhynchus mykiss irideus pop. 10	steelhead - southern California DPS	Fish	Endangered	Candidate Endangered	AFS_EN-Endangered	Aquatic South coast flowing waters	Federal listing refers to populations from Santa Maria River south to southern extent of range (San Mateo Creek in San Diego County).	Southern steelhead likely have greater physiological tolerances to warmer water and more variable conditions.	There is no suitable habitat on site. This species is not present.
Passerculus sandwichensis beldingi	Belding's savannah sparrow	Birds	None	Endangered	USFWS_BCC-Birds of Conservation Concern	Marsh & swamp Wetland	Inhabits coastal salt marshes, from Santa Barbara south through San Diego County.	Nests in Salicornia on and about margins of tidal flats.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
<i>Pelecanus occidentalis californicus</i>	California brown pelican	Birds	Delisted	Delisted	BLM_S-Sensitive USFS_S-Sensitive		Colonial nester on coastal islands just outside the surf line.	Nests on coastal islands of small to moderate size which afford immunity from attack by ground-dwelling predators. Roosts communally.	There is no suitable habitat on site. This species is not present.
<i>Perognathus longimembris pacificus</i>	Pacific pocket mouse	Mammals	Endangered	None	CDFW_SSC-Species of Special Concern	Coastal scrub	Inhabits the narrow coastal plains from the Mexican border north to El Segundo, Los Angeles County.	Seems to prefer soils of fine alluvial sands near the ocean, but much remains to be learned.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Phrynosoma blainvillii	coast horned lizard	Reptiles	None	None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	Chaparral Cismontane woodland Coastal bluff scrub Coastal scrub Desert wash Pinon & juniper woodlands Riparian scrub Riparian woodland Valley & foothill grassland	Frequents a wide variety of habitats, most common in lowlands along sandy washes with scattered low bushes.	Open areas for sunning, bushes for cover, patches of loose soil for burial, and abundant supply of ants and other insects.	There is no suitable habitat on site. This species is not present.
Polioptila californica californica	coastal California gnatcatcher	Birds	Threatened	None	CDFW_SSC-Species of Special Concern	Coastal bluff scrub Coastal scrub	Obligate, permanent resident of coastal sage scrub below 2500 ft in Southern California.	Low, coastal sage scrub in arid washes, on mesas and slopes. Not all areas classified as coastal sage scrub are occupied.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Riparia riparia	bank swallow	Birds	None	Threatened	BLM_S-Sensitive IUCN_LC-Least Concern	Riparian scrub Riparian woodland	Colonial nester; nests primarily in riparian and other lowland habitats west of the desert.	Requires vertical banks/cliffs with fine-textured/sandy soils near streams, rivers, lakes, ocean to dig nesting hole.	There is no suitable habitat on site. This species is not present.
Sorex ornatus salicornicus	southern California saltmarsh shrew	Mammals	None	None	CDFW_SSC-Species of Special Concern	Salt marsh	Coastal marshes in Los Angeles, Orange and Ventura counties.	Requires dense vegetation and woody debris for cover.	There is no suitable habitat on site. This species is not present.
Spea hammondi	western spadefoot	Amphibians	Proposed Threatened	None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_NT-Near Threatened	Cismontane woodland Coastal scrub Valley & foothill grassland Vernal pool Wetland	Occurs primarily in grassland habitats, but can be found in valley-foothill hardwood woodlands.	Vernal pools are essential for breeding and egg-laying.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
<i>Sternula antillarum browni</i>	California least tern	Birds	Endangered	Endangered	CDFW_FP-Fully Protected	Alkali playa Wetland	Nests along the coast from San Francisco Bay south to northern Baja California.	Colonial breeder on bare or sparsely vegetated, flat substrates: sand beaches, alkali flats, land fills, or paved areas.	There is no suitable habitat on site. This species is not present.
<i>Taxidea taxus</i>	American badger	Mammals	None	None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	Alkali marsh Alkali playa Alpine Alpine dwarf scrub Bog & fen Brackish marsh Broadleaved upland forest Chaparral Chenopod scrub Cismontane woodland Closed-cone coniferous forest Coastal bluff scrub Coastal dunes Coastal prairie	Most abundant in drier open stages of most shrub, forest, and herbaceous habitats, with friable soils.	Needs sufficient food, friable soils and open, uncultivated ground. Preys on burrowing rodents. Digs burrows.	There is no suitable habitat on site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Microhabitat	Presence/Absence
Vireo bellii pusillus	least Bell's vireo	Birds	Endangered	Endangered		Riparian forest Riparian scrub Riparian woodland	Summer resident of Southern California in low riparian in vicinity of water or in dry river bottoms; below 2000 ft.	Nests placed along margins of bushes or on twigs projecting into pathways, usually willow, Baccharis, mesquite.	There is no suitable habitat on site. This species is not present.

APPENDIX C



View from northern border of site looking southwest.



View of disturbed habitat from northeast corner looking west.



View of western portion of site.



View from center of site looking east.



View of stockpiled dirt on northern portion of site.



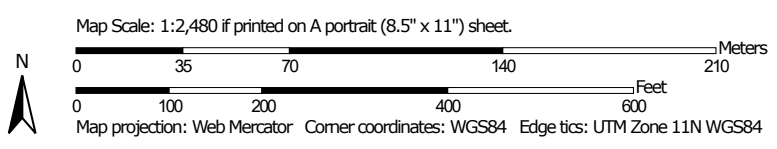
View of oil rigs on site.

APPENDIX D

Soil Map—Los Angeles County, California, Southeastern Part
(WSS sante fe springs site 1)




Soil Map may not be valid at this scale.



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Los Angeles County, California, Southeastern Part

Survey Area Data: Version 10, Aug 30, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 14, 2022—Apr 23, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
1134	Urban land-Thums-Pierview complex, 0 to 5 percent slopes	27.0	100.0%
Totals for Area of Interest		27.0	100.0%