Draft Environmental Impact Report

SCH# 2025030498

Volume 4
Appendix C through L

AIRPORT COMMERCE CENTER INDUSTRIAL PROJECT
by ACC Bakersfield JV, LLC.
(PP24405)

GPA No. 5, Map 81-35
ZCC No. 46, Map 81-35
PD No. 36, Map 81-35
NSV, Map 81-35

Kern County
Planning and Natural Resources Department
Bakersfield, CA

February 2026

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GPA No. 5, Map 81-35
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PD No. 36, Map 81-35
ZV No. 7, Map 81-35
NSV, Map 81-35

Kern County
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Appendices – Volume 4

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To assist you in reviewing this electronic document, "bookmarks" and/or "links" have been provided for easier navigation between sections. When available, bookmarks are located in the panel to the left. Links are highlighted in BLUE in the Table of Contents. Clicking on either the bookmarks or links will take you to the selected item. This document may consist of multiple linked PDF files. If saving this document to your computer, you must save all corresponding files to a directory on your hard drive to maintain the manner in which these PDF documents are linked.

Appendix C: Biological Resources Assessment

Appendix D: Jurisdictional Determination

Appendix E: Phase 1 Cultural Resources Assessment

Appendix F: Paleontological Resources Assessment

Appendix G: Preliminary Soil and Geologic Evaluation

Appendix H: Phase 1 Environmental Site Assessment

Appendix I: Preliminary Flood Study

Appendix J: Water Supply Assessment

Appendix K: Final Noise Impact Analysis

Appendix L: Traffic Study

Appendix C

Biological Resources Assessment

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Final Biological Resources Assessment

Airport Commerce Center Industrial Project by ACC Bakersfield JV, LLC in Bakersfield, California

October 2025

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Table of Contents

1. Introduction 1
Project Description 1
2. Methodology 6
Literature Review 6
Field Reconnaissance 6
3. Environmental Setting 8
Physical Characteristics 8
Biological Characteristics 10
4. Regulatory Setting and Impacts 17
Regulatory Setting 17
Project Impacts and Recommendations 20
Conclusion 26
5. Bibliography 27

Figures

Figure 1: Regional Location 2
Figure 2: Project Vicinity 3
Figure 3. Proposed Development 5
Figure 4. Soils 9
Figure 5. Plant Communities and Land Cover 11

Appendices

Appendix A: Photograph Exhibit
Appendix B: Site Plan
Appendix C: Special-Status Species Analysis
Appendix D: Jurisdictional Determination Report

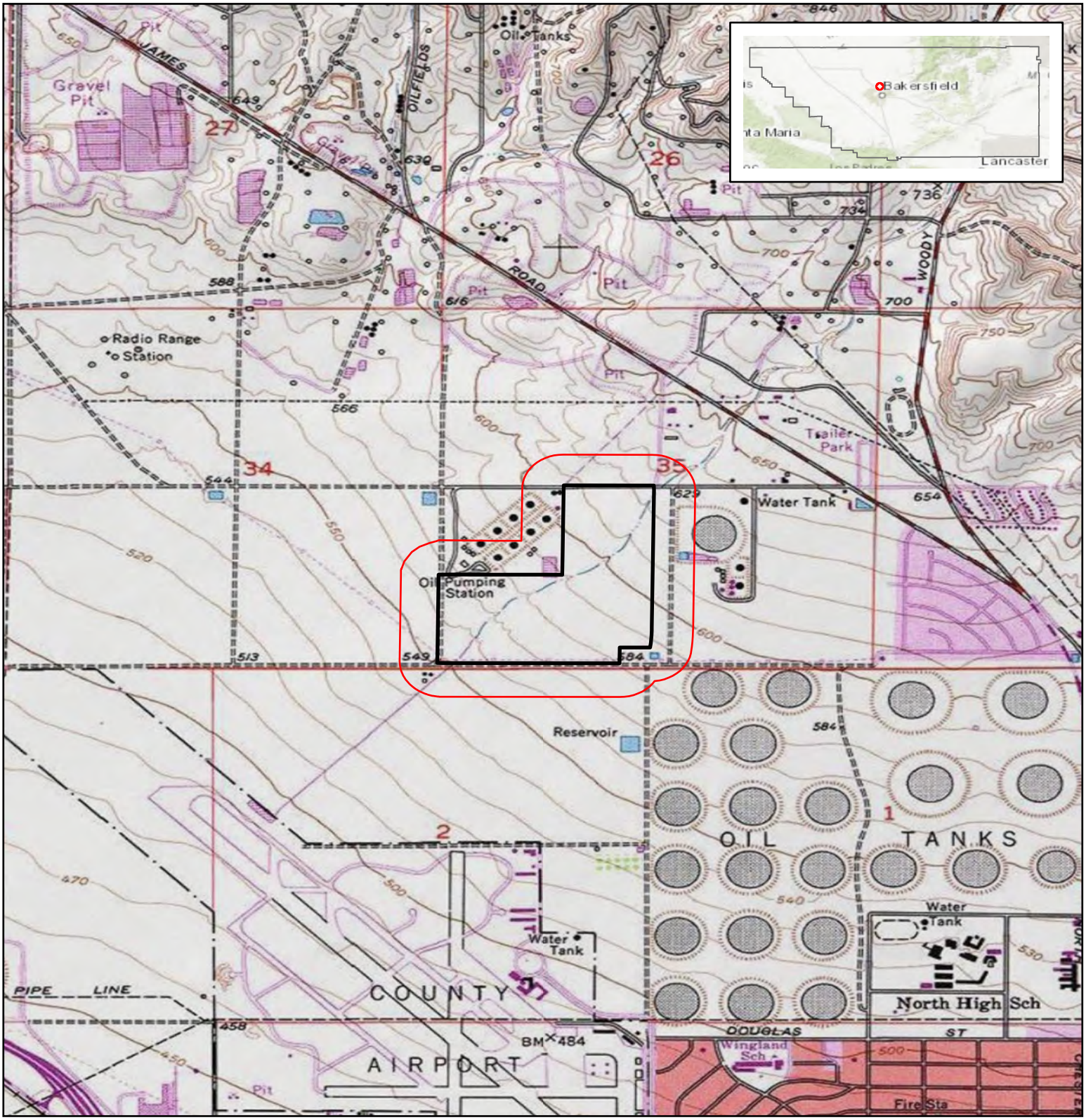
1. Introduction

This report includes the findings of a Biological Resources Assessment (BRA) conducted by South Environmental for the Airport Commerce Center Industrial Project by ACC Bakersfield JV, LLC. The purpose of this report is to assess the potential impacts from the development on protected biological resources. The scope of this report includes a description of the development, methods used to assess the biological resources, the environmental setting including technical characterizations and maps of plant communities, a preliminary assessment for wetlands or protected waters, an assessment of the potential for special-status plants and animals to occur, a description of the regulatory setting, and an analysis of the potential for the project to impact biological resources. This report is written with consideration to the thresholds in Appendix G of the California Environmental Quality Act (CEQA). Representative photographs of the Study Area (project site and a 500-feet buffer) are in Appendix A.

Project Description

Location and Setting

The approximately 110-acre site is located on undeveloped and vacant land in the Oildale area of unincorporated Bakersfield in Kern County (Figures 1 and 2) within the Oildale, California United States Geological Survey (USGS) 7.5-minute Topographic Quadrangle Map, Township 28 South, Range 27 East, Section 2 on six parcels that correspond to Assessor's Parcel Numbers (APNs) 483-040-32, 483-040-33, 483-040-42, 483-040-43, 483-040-45, and 483-040-46. The project site consists of relatively flat terrain with an elevation of approximately 175 feet above mean sea level (AMSL) and is surrounded by industrial, commercial, and residential land uses with Petrol Road and a tank farm to the north, Airport Drive and vacant undeveloped land to the east, Merle Haggard Drive and vacant undeveloped land to the south, and Landings Way and an Amazon warehouse/logistics facility to the west. The project site is located approximately 1.54 miles east of State Route (SR) 65 and approximately 2.19 miles east of SR-99, which provides regional access to the project site through the 7th Standard Road, which merges directly onto Merle Haggard Drive from the west and intercepts Airport Drive to the south.



Source: ESRI USA Topo Maps and World Topo Map 2025

Airport Commerce Center Industrial Project

Figure 1. Project Location

Project Site

Study Area (500-Foot Buffer)

Project Location is within unincorporated land, California, in Kern County on the Oildale 7.5-minute quadrangle map in Section 35 of Township 28 South and Range 27 East

Center Coordinate (Decimal Degrees):
Latitude: 35.4435471N Longitude: -119.0435905W

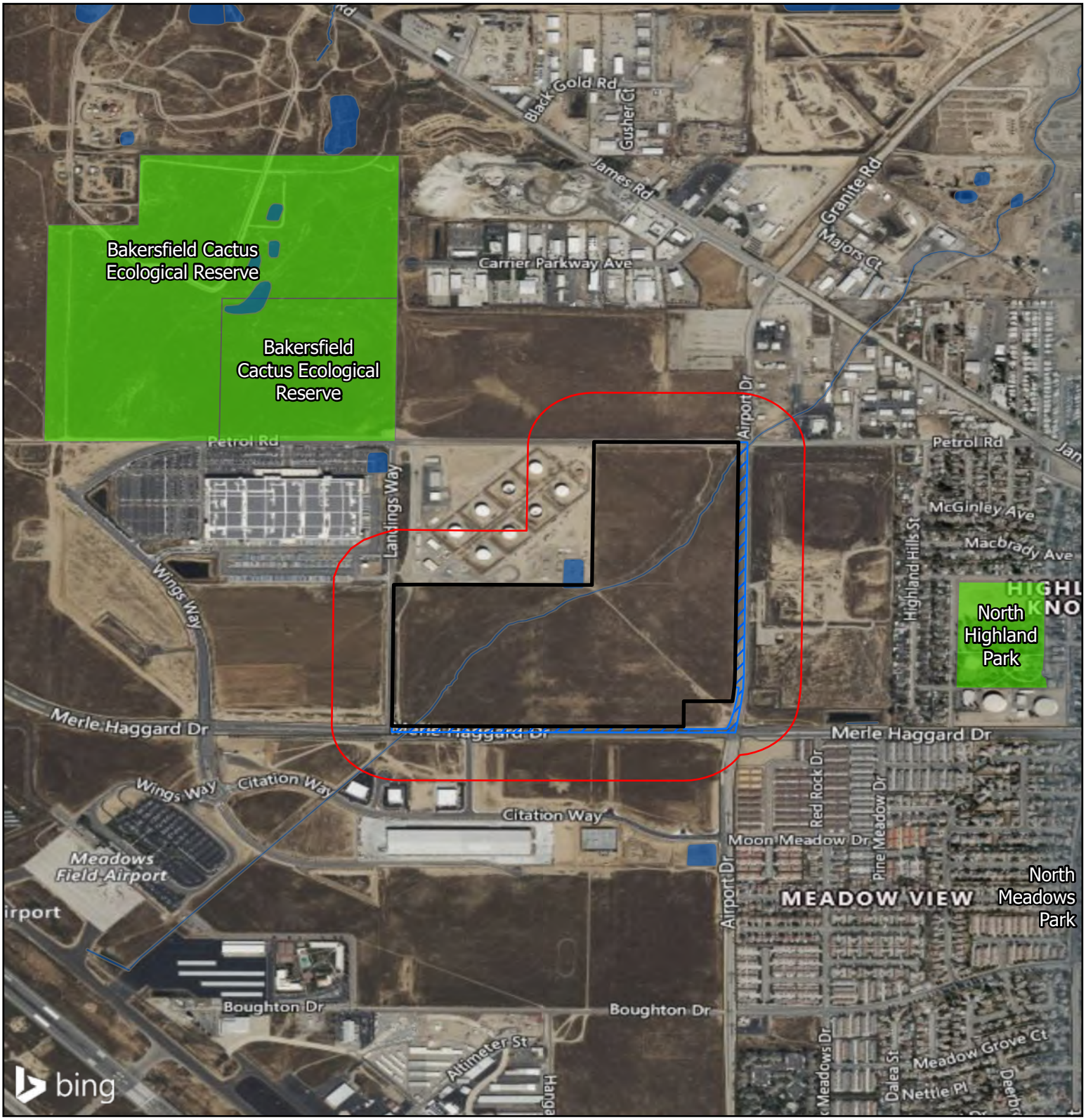


0 1,000 2,000 Feet

Scale: 1:24,000

N

SOUTH ENVIRONMENTAL



Source: BING Aerial Map 2025

Airport Commerce Center Industrial Project

Figure 2. Project Vicinity

0 500 1,000 Feet

Scale: 1:15,000

N

- Project Site
- Off-Site Roadway and Frontage Improvements
- Study Area (500-Foot Buffer)
- USFWS - National Wetlands Inventory (NWI)
- California Protected Area Database (CPAD)

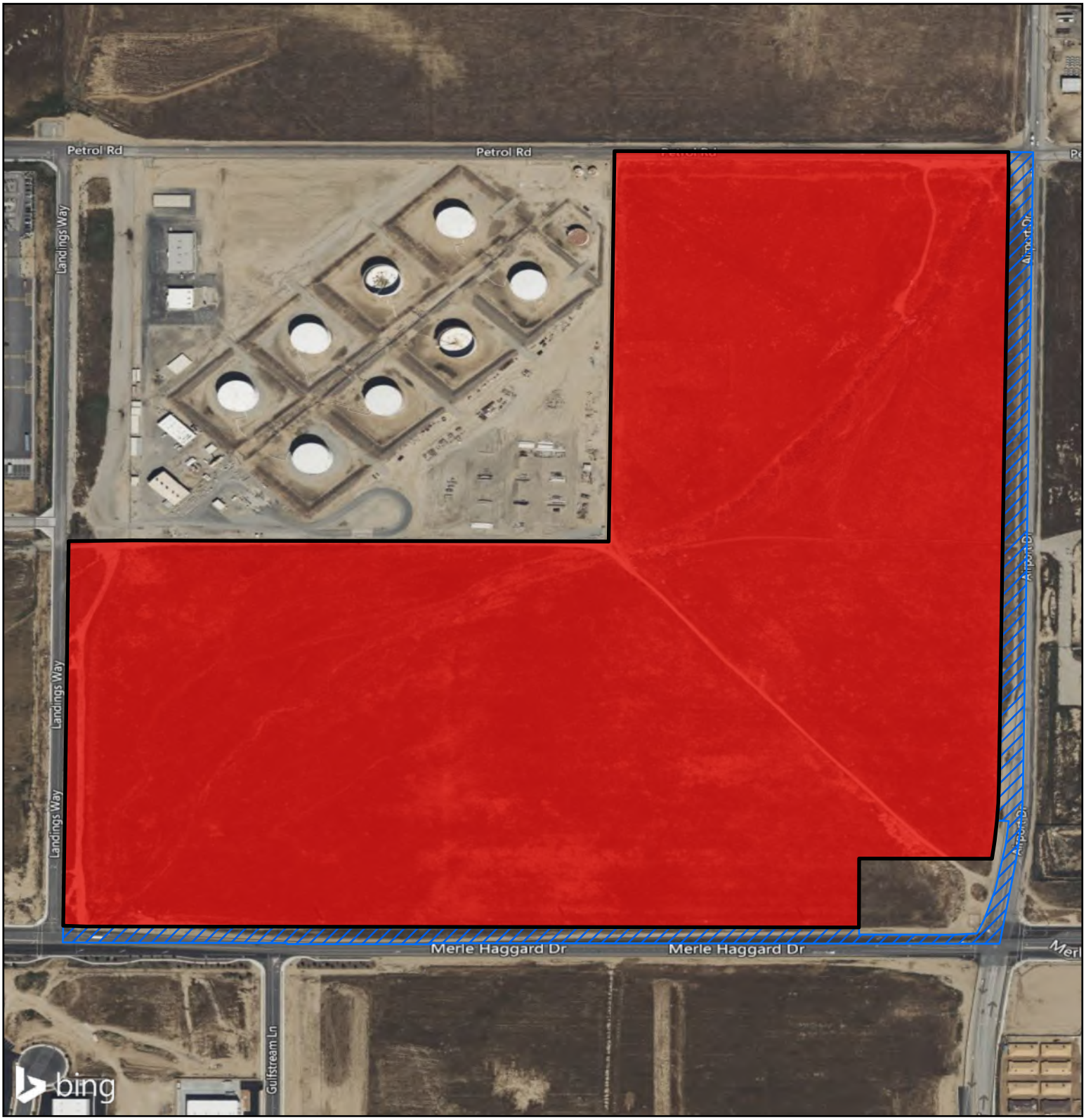
SOUTH ENVIRONMENTAL

Proposed Development

The proposed project would include the construction of an industrial warehouse facility with four single-story warehouses, two quick-serve restaurants, and related on-site and off-site improvements. The four single-story warehouses would have a maximum height of 60 feet above ground level covering a total of 1,505,440 square feet, including 150,544 square feet dedicated to office space, comprised of primarily tilt-up panel construction and articulation of the building corners. The primary function of the warehouses would be industrial manufacturing/assembly to facilitate the manufacturing of food or beverage products and industrial warehouse storage. The two quick-serve restaurants would be constructed near the southeast corner of the project site with access from Merle Haggard Drive and Airport Drive, encompassing approximately 9,410 square feet of building space. Both structures would be of wood frame or metal construction and have a maximum height of 20 feet above ground level, along with providing accessible parking spaces for customers and employees.

The proposed project would include on-site improvements such as landscaping, utilities, stormwater detention, lighting, vehicular circulation, and parking stalls. Landscaping would be comprised of a diverse mixture of native and non-native drought-tolerant trees, shrubs, and groundcovers dispersed along the boundaries of the roadways and throughout the project site. In addition, the on-site storm drain system of ribbon gutters, catch basin inlets, and underground pipes would redirect stormwater runoff toward four bioretention areas covered with detention basin plants totaling approximately 425,033 square feet. Vehicular circulation would consist of a network of internal roadways and multiple on-site access points from the surrounding roadways to provide large delivery trucks with direct access to dock-high doors along the sides of the warehouses. On-site parking would be accommodated for both the warehouses and quick-serve restaurants with approximately 2,001 painted parking stalls for employees and customers, 401 truck trailer parking stalls, and 46 accessible parking stalls. Furthermore, 102 additional parking spaces would have installed Electric Vehicle Charging Stations (EVCS).

Off-site improvements would be constructed along Airport Drive, Merle Haggard Drive, Landings Way, and Petrol Road, including new pavement, curb and gutter, and sidewalk improvements.



Source: BING Aerial Map 2025

Airport Commerce Center Industrial Project

Figure 3. Proposed Development

0 275 550 Feet

N

Scale: 1:5,500

Project Site

Proposed Development

Bakersfield Commerce Center with Parking and Landscaping

Off-Site Roadway and Frontage Improvements

SOUTH ENVIRONMENTAL

2. Methodology

This biological resource assessment is based on information compiled through a field reconnaissance and a review of appropriate reference materials and literature regarding the biological resources of the region. A general biological field reconnaissance of plants and animals was conducted by South Environmental and the sources and literature referenced in this assessment are provided below in Section 6, "Bibliography". The assessment was conducted on the project site and within a 500-foot buffer study area.

Literature Review

The assessment of the project began with a review of literature relating to the biological resources that are known to occur in the vicinity of the project site and the literature review was conducted again in 2025 to update the document to address recent changes in species status and any new occurrence records. The CDFW California Natural Diversity Database (CNDDB) "Rarefind" query (CDFW, 2025a), the CDFW "Special Animals List" query (CDFW 2025b), and the California Native Plant Society (CNPS, 2025a) online Inventory of Rare and Endangered Plants of California were reviewed to identify special-status plants, animals, and natural communities that have previously been recorded in the USGS 7.5" Oildale quad in which the project site is located, and the eight surrounding USGS 7.5"quads North of Oildale, Knob Hill, Lamont, Gosford, Oil Center, Famoso, Rosedale, and Stevens (USGS 2025a). For plants, online sources CalFlora (2025) and Jepson E-flora (2025) were queried for information on current and historic range including elevation. For animals, the "California's Wildlife: Life History and Range" were consulted (CDFW, 2025c) for information on the current range of wildlife. In addition, queries were conducted of the United States Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) Environmental Conservation Online System (ECOS) for federally protected species (USFWS 2025a), the USFWS Designated and Proposed Critical Habitat maps (USFWS 2025b).

Field Reconnaissance

South Environmental conducted a field reconnaissance of the project site and a 500-foot buffer (study area) on Friday, November 10, 2023. The purpose of the reconnaissance was to record plants and animals observed on the project site, map plant communities, and identify other locally significant resources including native and protected trees, and water resources. The weather was clear to partly cloudy with a temperature of 57-63° F, wind speed of 3 MPH, and humidity of 66-67%.

Plant Community Mapping

Plant communities were mapped over the entire study area. The communities were mapped by hand in the field using aerial photographs of the study area at an approximate 1:300' scale by delineating dominant plant and habitat types observed in the field. The community boundaries were later digitized using ArcGIS Pro mapping software to calculate acreages and assess impacts from the development. Plant community descriptions follow vegetation classifications in the Manual for California Vegetation online (CNPSb, 2023).

Plant and Animal Inventories

All plant and wildlife species observed during the surveys, as well as any diagnostic sign (call, tracks, nests, scat, remains, or other sign), were recorded in field notes. Binoculars and regional field guides were utilized for the identification of wildlife, as necessary. Since common names, except for birds, vary significantly between references, scientific names are included upon initial mention of each species; common names consistent throughout the report are employed thereafter.

3. Environmental Setting

Physical Characteristics

Geology and Landforms

The study area occurs in the southern portion of the San Joaquin Valley. Regionally, the Sequoia National Forest and the southern foothills of the Sierra Nevada mountain range occur to the northeast. The geology is derived of surficial sediments from the Pleistocene age and is nonmarine in nature (USGS 2023a).

Topography and Climate

The project site is a relatively flat rural area at an elevation of approximately 175 feet. Average high and low temperatures in the City of Bakersfield, California are 98.4°F and 69.4°F in the summer, respectively, and 56.5°F and 38.3°F in the winter, respectively. The region receives an average of 6-inches of precipitation per year (worldclimate.com, 2023).

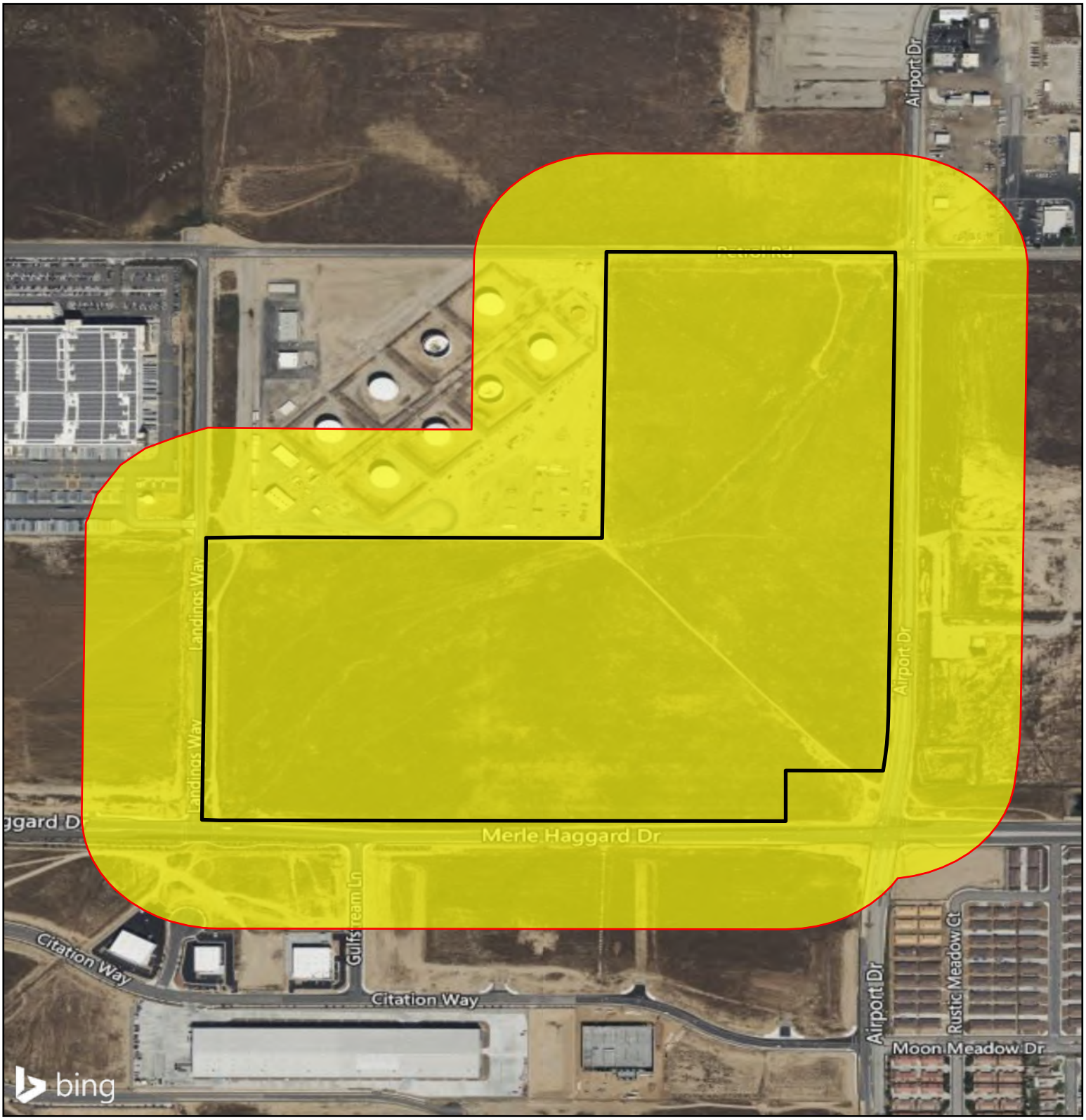
Soils

One soil type occurs in the study area as shown in Figure 4 and is described below:

- **Delano sandy loam, 1-5% slopes** occurs throughout the entire Study Area and is found in areas of fan remnants, shoulder and interfluve fan remnants, and is well-drained. Its parent material is alluvium derived from granitoid (USDA/NRCS 2023).

Hydrology

The study area is located within the West Shore Gulch sub-watershed (HUC12 180300120801) which includes the associated waterbody of the Beardsley Canal (U.S. Environmental Protection Agency, 2023). On the southwestern and northeastern corners of the parcel is a long depression in the soil leading to a culvert that is defined by NWI as a riverine, intermittent, streambed that is seasonally flooded (R4SBC; USFWS, 2023c; USGS 2023b). According to the National Hydrography Dataset (USGS 2023b) the channel runs northeast-southwest along the entirety of the project site and continues northeast of study area. The channel flows from the canyon along Granite Rd to the northeast of the project site, terminating near West Shore Gulch. Otherwise, the project site is in an urban area and other water bodies (e.g., wetland, pond) occur within contained commercial sites.



Source: BING Aerial Photo Map 2025

Airport Commerce Center Industrial Project

Figure 4. Soils

0 375 750 Feet

N

Scale: 1:7,500

Project Site

Study Area (500-Foot Buffer)

Soils

Delano sandy loam, 1 to 5 percent slopes

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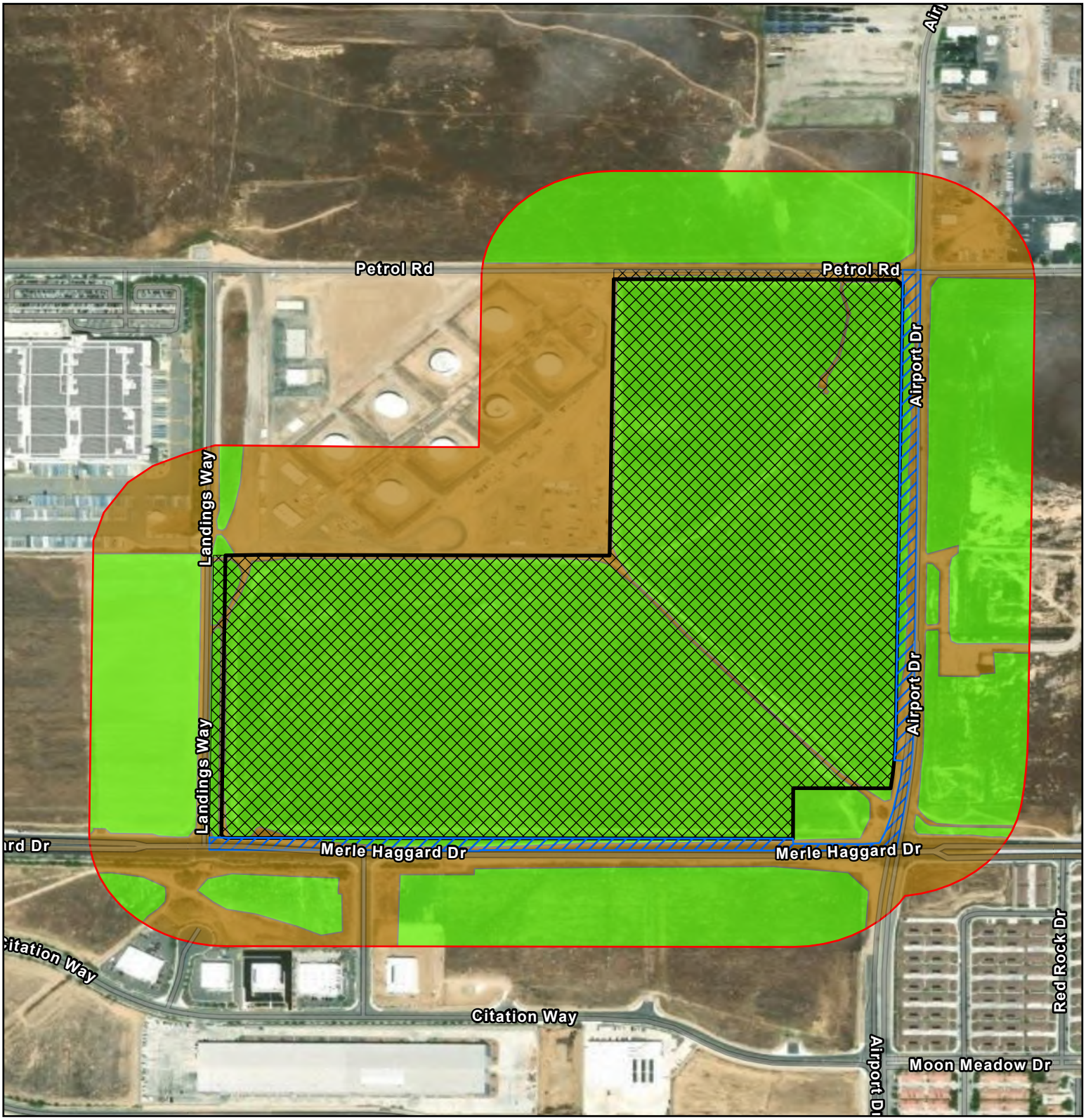
Biological Characteristics

Plants and Plant Communities

The plants observed on the project site are listed below in Table 1 and the Plant Communities are summarized in Table 2 and mapped in Figure 5.

Table 1. Summary of Plants Observed on the Project Site.

Common name	Scientific name	Native/ Non-Native	Invasive?
Palmer amaranth	*Amaranthus palmeri*	Native	
Australian saltbush	*Atriplex semibaccata*	Non-Native	*
Black mustard	*Brassica nigra*	Non-Native	*
Ripgut brome	*Bromus diandrus*	Non-Native	
Red brome	*Bromus rubens*	Non-Native	*
Cheatgrass	*Bromus tectorum*	Non-Native	*
Maltese star thistle	*Centaurea melitensis*	Non-Native	*
Dove weed	*Croton setigerus*	Native	
Bermuda grass	*Cynodon dactylon*	Non-Native	*
Tall flat sedge	*Cyperus eragrostis*	Native	
Jimson weed	*Datura wrightii*	Native	
Common tar weed	*Deinandra fasciculata*	Native	
Autumn willowherb	*Epilobium brachycarpum*	Native	
Horseweed	*Erigeron canadensis*	Native	
Common sunflower	*Helianthus annuus*	Native	
Shortpod mustard	*Hirschfeldia incana*	Non-Native	*
Russian thistle	*Kali tragus tragus*	Non-Native	*
California broomsage	*Lepidospartum squamatum*	Native	
Beardless wild rye	*Leymus triticoides*	Native	
Cheeseweed	*Malva parviflora*	Non-Native	
Silver leaf nightshade	*Solanum elaeagnifolium*	Non-Native	*



Source: BING Aerial Photo Map 2025

Airport Commerce Center Industrial Project

Figure 5. Plant Communities and Land Cover

0 375 750 Feet

Scale: 1:7,500

N

Project Site

Study Area (500-Foot Buffer)

Proposed Development

Bakersfield Commerce Center with Parking and Landscaping

Off-Site Roadway and Frontage Improvements

Plant Communities and Land Cover

Developed / Disturbed

Ruderal

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Table 2. Summary of Plant Communities Observed on the Project Site.

Plant Community/Cover Type	Acres on Study Area	Acres on Project Site	Acres in Off-Site Development	Total Impacts	Global/State Rank
Ruderal	177	105	2	107	GNA/SNA
Developed/Disturbed	62	5	4	9	Not Ranked
Total	**239**	**110**	**6**	**116**	

Ruderal

As shown in Figure 5, the plant community on the project site is a ruderal community. The ruderal area is disturbed from tilling throughout the majority of the project site. The ruderal community is dominated by ripgut brome, red brome, cheatgrass, and beardless wild rye. Other invasive herbs were common and include shortpod mustard, black mustard, and Russian thistle. Though the study area was dominated by invasive species several native plants were present at the herbaceous level. These include horseweed, dove weed, common tar weed, and jimsonweed. There was a stand of common sunflower on the southwest corner of the project site and most native plants were near the two culverts on the southwest and northeast corners of the project site. There were no significant shrubs or trees within the ruderal plant community. A large amount of the surrounding properties to the north, south, east, and west of the project site were comprised of the same ruderal community.

Disturbed/Developed

Various dirt roads occur within the project site, including on the western edge of the project site and through the southeast portion of the project site. These roads are considered developed areas. Additionally, the portions of the study area surrounding the project site are developed with commercial warehouses, businesses, and roadways. Immediately northeast of the project site is a pipeline facility. Along Landings Way is an Amazon fulfillment center, while along Merle Haggard Drive are several commercial properties. Further west of the study area are residential developments. Landscaping around the residential and commercial areas at the canopy level is a mix of native and non-native trees. Non-native ornamental trees include blue jacaranda (*Jacaranda mimosifolia*). The ground layer is a mix of ornamentals and ruderal, non-native forbs and grasses.

Wildlife

The project site was host to several common urban birds, as well as mammals common to the region. On the day of the survey the common raven (*Corvus corax*), house finch (*Haemorhous mexicanus*), mourning dove (*Zenaida macroura*), lesser goldfinch (*Spinus psaltria*), American pipit (*Anthus rubescens*), red-tailed hawk (*Buteo jamaicensis*), and northern mockingbird (*Mimus polyglottos)* were observed either flying over or foraging on the project site. The only mammal observed was a California ground squirrel (*Otospermophilus beecheyi*), and several ground squirrel burrows were observed throughout the study area. The plant community is highly altered, and the presence of non-native and invasive plants reduces the quality of habitat for native wildlife, and as a result, only species adapted to ruderal and disturbed areas are expected to occur.

Special-Status Species

Special-Status Plants

A total of 29 special-status plants are known to occur in the region and an assessment of their potential to occur on the study area is in Appendix C (CDFW, 2025a, CNPS 2025a, USFWS, 2025a). Based on records of the California Natural Diversity Database (CNDDB), one special-status plant, Bakersfield cactus (*Opuntia basilaris* var. *treleasei*), has been recorded on the parcel and an additional 6 records occur within one mile of the project site: (CDFW 2024b). The project site does not contain high quality habitat for Bakersfield cactus or any other special-status plant species since it is disturbed with non-native species. However, due to the high number of records of Bakersfield cactus in proximity to the study area, there is a potential for the species to be present on the project site. For more information on these species, see Appendix C, section "Special Status Plants".

Bakersfield cactus is recorded within the CNDDB on the project site and is a California Rare Plant Rank 1B.1 species, indicating the species is a plant that is rare, threatened, or endangered in California and elsewhere, and seriously threatened in California. This species is listed as endangered by the Endangered Species Act and the California Endangered Species Act. Though the study area is not high-quality habitat for Bakersfield cactus, the CNDDB record and location of the study area within the known range of the species indicate that there is a moderate to high potential for Bakersfield cactus to occur on the project site. Due to the lack of native habitat and the high level of disturbance from invasive plants, and surrounding developments creating a barrier to native plant colonization, no other special-status plants are expected to occur on the parcel.

Special-Status Animals

A total of 29 special-status animals are known to occur in the region and an assessment of their potential to occur on the study area is in Appendix C (CDFW, 2025a, USFWS, 2025a). Based on records of the CNDDB, two wildlife special-status species – San Joaquin kit fox and burrowing owl – were observed in a 1-mile radius of the project site, including multiple records of kit fox within the study area. Though the study area does not possess high quality native habitat, the records of special status species nearby indicate that both burrowing owl and San Joaquin kit fox could utilize the project site as both species have the potential to occur in disturbed areas. Additionally, there is a potential for Swainson's hawk to utilize the project site for foraging or the trees in adjacent properties for nesting. For more information on these species, see Appendix C, section "Special Status Animals".

Burrowing owl is recorded within the CNDDB 0.6-miles northwest of the project site. The species is a Candidate for listing to the California Endangered Species Act and is afforded the same protections as a listed species. Burrowing owls occur in open, sparsely vegetated grasslands, and either dig their own burrows or take over small mammal burrows, such as California ground squirrel burrows. The study area was primarily composed of open grasslands and contained many California ground squirrel burrows, making the study area habitat for burrowing owl. Due to the presence of habitat and records of burrowing owls nearby, there is a high potential for burrowing owl to occur on the project site.

San Joaquin kit fox is recorded within the CNDDB on the project site and is a federally endangered and state threatened species. SJKF inhabit annual grasslands and are opportunistic hunters that prey on small ground mammals, including kangaroo rats and ground squirrels. Though the plant communities on the study area are not native, they are similar to the preferred habitat of the SJKF and possess many small ground mammals that may serve as a food source for them. Due to the presence of appropriate habitat (although disturbed), food sources, and CNDDB records there is a moderate potential for San Joaquin kit fox to occur on the project site.

Swainson's hawk is a state threatened species that breeds in grasslands with scattered trees and requires suitable foraging areas with rodent populations. Though Swainson's hawk are not expected to nest on the project site, the project site supports suitable foraging habitat, and adjacent lands within disturbance distance (0.5 mile) of the project site could support nesting by Swainson's hawk.

California horned lark is a CDFW watchlist species that is found in fallow agricultural fields. The site contains fallow fields and could support nesting horned larks.

Nesting Birds

Several common urban birds were observed during the project site visit and many others including migratory birds (USFWS, 2025a) have the potential to nest on the ground at the project site. The project site is generally devoid of shrubs for nesting but there are approximately 103 acres of ruderal areas that could be used as bird nesting habitat. The proposed development would require the removal of flat ruderal areas that could provide potential nesting habitat for birds protected by the MBTA, MBPA, and the Fish and Game Code.

Sensitive Natural Communities

CDFW 2018 *Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Sensitive Natural Communities* defines sensitive natural communities as those that are "of limited distribution statewide or within a county or region and are often vulnerable to environmental effects of projects." CDFW considers a natural community sensitive if it has a Global or State rarity rank of 1-3, which includes communities that are vulnerable (G3/S3), imperiled (G2/S2), and critically imperiled (G1/S1). CDFW uses the alliances and groups described in the Manual of California Vegetation Online to characterize California's natural communities, and provides the California Natural Communities List online (most current is dated September 9, 2020) to list the current global and state rarity rank for each natural community characterized in the Manual (CNPS 2025b). The ruderal community on the project site has no global or state rarity rank. The ruderal area on the project site would not be a sensitive natural community as a result.

Protected Trees

The reconnaissance survey found that no trees occur on the project site. Some ornamental trees occur on the adjacent commercial properties, but none would be impacted by the proposed project. Therefore, no protected trees would be affected by the proposed project.

Habitat Linkages and Wildlife Migration Corridors

The project site is on the edge of an urban area surrounded by commercial and residential development in every direction. Though the study area is surrounded by commercial businesses, large areas of those commercial lots are undeveloped. Additionally, there is open space to the north of the study area that connects to the oil fields to the north and east and to the Bakersfield Cactus Ecological Reserve to the west. These developed areas are low quality as wildlife migration corridors due to oil wells and agriculture and are far from high quality habitat where special-status species would more likely occur. The cactus reserve does support local species such as Bakersfield cactus but is somewhat isolated and is not linked to other habitat in the region due to the surrounding developments and the oil and gas fields. The nearest area that may serve as a block

of habitat that is not isolated and has connectivity for special-status wildlife is undeveloped areas approximately 3 miles to the northeast of the study area, within the foothills of the Sierra Nevada mountains. Due to the fragmentation from high quality habitat and the various developments surrounding the study area, it is unlikely that the study area would be used as a wildlife migration corridor and does not serve as a habitat linkage beyond the minor local linkage with the Bakersfield Cactus Reserve. However, barriers do exist between the project site and the reserve include large developments and Petrol Road, which would be a deterrent to movement. The project site lacks connectivity with large expanses of habitat, is surrounded by developments, and lacks wildlife migration corridors as a result. Therefore, the proposed project will not impact any habitat linkages or wildlife migration corridors.

4. Regulatory Setting and Impacts

For the purposes of this report, impacts to protected biological resources are analyzed within the context of the regulatory setting, and more specifically the analysis will follow the questions pertaining to biological resources posed in Appendix G Checklist of the California Environmental Quality Act (CEQA). Below is an overview of the federal, state, and local regulations pertaining to protected biological resources on the project site, and an analysis of impacts to those resources that may occur as a result of the development follows.

Regulatory Setting

Federal Regulations

Endangered Species Act

The Federal Endangered Species Act (FESA) of 1973 defines an endangered species as "any species which is in danger of extinction throughout all or a significant portion of its range." A threatened species is defined as "any species which is likely to become an Endangered species within the foreseeable future throughout all or a significant portion of its range." Under provisions of Section 9(a)(1)(B) of the FESA, unless properly permitted, it is unlawful to "take" any listed species. "Take" is defined in Section 3(18) of FESA: "...harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct." Further, the USFWS, through regulation, has interpreted the terms "harm" and "harass" to include certain types of habitat modification as forms of "take." These interpretations, however, are generally considered and applied on a case-by-case basis and often vary from species to species. In a case where a property owner seeks permission from a federal agency for an action which could affect a federally listed plant or animal species, the property owner and agency are required to consult with USFWS pursuant to Section 7 of the FESA if there is a federal nexus, or pursuant to Section 10 of the FESA. Section 9(a)(2)(b) of the FESA addresses the protections afforded to listed plants.

Migratory Bird Treaty Act

The Migratory Bird Treaty Act (MBTA) protects individuals as well as any part, nest, or eggs of any bird listed as migratory. In practice, federal permits issued for activities that potentially impact migratory birds typically have conditions that require pre-disturbance surveys for nesting birds. In the event nesting is observed, a buffer area with a specified radius must be established, within which no disturbance or intrusion is allowed until the young have fledged and left the nest, or it has been determined that the nest has failed. If not otherwise specified in the permit, the size of the buffer area varies with species and local circumstances (e.g., presence of busy roads,

intervening topography, etc.), and is based on the professional judgment of a monitoring biologist. A list of migratory bird species protected under the MBTA is published by USFWS.

California Regulations

California Endangered Species Act (CESA)

The California Endangered Species Act (CESA) states that "all native species of fishes, amphibians, reptiles, birds, mammals, invertebrates, and plants, and their habitats, threatened with extinction and those experiencing a significant decline which, if not halted, would lead to a threatened or endangered designation, will be protected or preserved." The California Department of Fish and Wildlife (CDFW) oversees the CESA, and reviews and analyzes petitions for the listing of species to CESA. CEQA is typically the driver of the CESA, and projects that are subject to CEQA and have the potential to significantly impact listed species (as determined in an Initial Study or Environmental Impact Report) must consult with CDFW to get an Incidental Take Permit. Similarly, if a species is listed to both the Federal Endangered Species Act and CESA, consultation with the US Fish and Wildlife Service and CDFW will be required, and could result in a Consistency Determination.

California Environmental Quality Act (CEQA)

The California Environmental Quality Act (CEQA) is a statute that requires state and local agencies to identify the significant environmental impacts of their actions and to avoid or mitigate those impacts, if feasible. CEQA applies to certain activities of state and local public agencies. A public agency must comply with CEQA when it undertakes an activity defined by CEQA as a "project." A project is an activity undertaken by a public agency or a private activity which must receive some discretionary approval (meaning that the agency has the authority to deny the requested permit or approval) from a government agency which may cause either a direct physical change in the environment or a reasonably foreseeable indirect change in the environment.

An Initial Study (IS) is prepared when a proposed action is determined to be a "project" under CEQA. The IS is a checklist that asks specific questions about the project's level of environmental impacts in many categories, including biological resources. The checklist includes a series of questions to determine the projects level of potential impacts in each of the categories. Potential level of impact includes: No Impacts, Less Than Significant Impact, Less Than Significant with Mitigation Incorporated, and Potentially Significant Impact. For projects that have no impact or less than significant impact a Negative Declaration is prepared, for those with Less Than Significant with Mitigation Incorporated prepare a Mitigated Negative Declaration, and for those with a Potentially Significant Impact prepare an Environmental Impact Report (EIR).

State of California Fish and Game Code Section 3500

Section 3503.5 of the California Fish and Game Code states that it is "unlawful to take, possess, or destroy any birds in the order Falconiformes or Strigiformes (birds of prey) or to take, possess, or destroy the nest or eggs of any such bird except as otherwise provided by this code or any regulation adopted pursuant thereto." Activities that result in the abandonment of an active bird of prey nest may also be considered in violation of this code. In addition, California Fish and Game Code, Section 3511 prohibits the taking of any bird listed as fully protected, and California Fish and Game Code, Section 3515 states that is it unlawful to take any non-game migratory bird protected under the MBTA.

California Migratory Bird Protection Act

The California Migratory Bird Protect Act (MBPA) was enacted in September 2019 to reinforce the MBTA at the state level. The Act states:

- "It is unlawful to take or possess any migratory nongame bird as designated in the federal Migratory Bird Treaty Act (16 U.S.C. Sec. 703 et seq.) before January 1, 2017, any additional migratory nongame bird that may be designated in that federal act after that date, or any part of a migratory nongame bird described in this section, except as provided by rules and regulations adopted by the United States Secretary of the Interior under that federal act before January 1, 2017, or subsequent rules or regulations adopted pursuant to that federal act, unless those rules or regulations are inconsistent with this code." This section is inactive on January 20, 2025, and the following language below will be adopted.

- "It is unlawful to take or possess any migratory nongame bird as designated in the federal Migratory Bird Treaty Act (16 U.S.C. Sec. 703 et seq.), or any part of a migratory nongame bird described in this section, except as provided by rules and regulations adopted by the United States Secretary of the Interior under that federal act." This section is operative starting on January 20, 2025.

Local Regulations

Metropolitan Bakersfield General Plan

The current Metropolitan Bakersfield General Plan was adopted on December 11, 2007, and was designed to give long range guidance in the future character of Metropolitan Bakersfield. Chapter V – Conservation Element outlines the biological sensitivities of the area and lists species of concern within Metropolitan Bakersfield. These species include:

- Animals: San Joaquin kit fox, blunt-nosed leopard lizard, Tipton kangaroo rat, giant kangaroo rat, San Joaquin antelope squirrel, short-nosed kangaroo rat, and San Joaquin pocket mouse.
- Plants: Bakersfield cactus (*Opuntia treleasei*), California jewelflower (*Caulanthus californicus*), San Joaquin wooly-threads (*Lembertia congdonii*), Hoover's wooly-star (*Eriastrum hooveri*), Kern mallow (*Eremalche kernensis*), Tulare pseudobahia (*Pseudobahia peirsonii*), striped adobe lily (*Fritillaria straita*), Bakersfield saltbush (*Atriplex tularensis*), slough thistle (*Cirsium crassicaule*), and recurved larkspur (*Delphinium recuvatum*).

Kern County Zoning Ordinance

The Zoning Ordinance of Kern County was adopted to regulate land uses throughout the unincorporated area of Kern County. The Zoning Ordinance requires a plot plan review be submitted to the Planning Director before any building or grading permit will be issued. The plot plan review contents include "any and all reports, approvals, or requirements which may be required by mitigation measures incorporated into an environmental document adopted for implementation of this district for specific parcels." (Kern County Zoning Ordinance 19.80.070)

Project Impacts and Recommendations

Plant Communities/Habitat

The project would result in the development of 107-acres of ruderal areas that have the potential to be habitat for Bakersfield cactus, burrowing owls, California horned lark, and San Joaquin kit fox. The community is not a sensitive natural community. Furthermore, it has a low value as plant and wildlife habitat (other than those listed that are adapted to disturbed areas) due to the high level of disturbance. This has led to a prevalence of non-native, invasive species and compacted bare soils. The project site is also fragmented (i.e., isolated) from high quality habitat for special-status species which further decreases its habitat potential for these species. The loss of this disturbed community would be a less than significant impact according to CEQA because the community is not a sensitive natural community and because of its high level of disturbance and lack of habitat for special-status species. In the event that Bakersfield cactus, burrowing owls, or San Joaquin kit fox are present on the project site, the habitat loss for these species would be mitigated as outlined below in the Special-Status Species impacts analysis. Horned lark impacts would be avoided with nesting bird surveys described below.

Special-Status Species

No special-status species were documented during the survey. However, due to the large number of mammal burrows onsite there is a potential for opportunistic species, such as burrowing owl,

to take up residence onsite. The survey also found that there is a potential for ground nesting birds, including migratory birds and California horned lark, to nest throughout the project site during nesting season, as there is ample open space covered in low-lying herbs. Additionally, both San Joaquin kit fox and Bakersfield cactus have been recorded on the project site in the CNDDB and have a moderate to high potential to occur.

Nesting Birds

If nesting birds including local and migratory species (such as horned lark) are present at the time of vegetation removal, active nests, eggs, or young could be destroyed or otherwise disturbed to a point at which the young do not survive, which would be a violation of the MBTA, MBPA, and the Fish and Game Code. In addition, indirect impacts from noise or vibration have the potential to disturb an active bird nest to the point of failure if the nest is within immediate proximity to project activities, and this would also be a violation of the MBTA and Fish and Game Code. To avoid impacts to active bird nests, eggs, or young, preconstruction nesting bird surveys and monitoring is required as described in measure **BIO-1** below.

BIO-1: Preconstruction Nesting Bird Survey

- If possible, ground disturbing activities and vegetation removal (including tree trimming) should be timed to occur outside the bird nesting season (September 1 – January 31).

- If ground disturbing activities or vegetation removal (including tree trimming) are scheduled during the bird nesting season (February 1 – August 31) a preconstruction survey for nesting birds should be conducted within 72 hours prior to construction activities. The survey should be conducted by a qualified biologist with prior experience conducting nesting bird surveys for construction projects. The survey area should include the project site and suitable habitat within a 300-foot buffer, or a buffer size determined by the qualified biologist based on level of proposed disturbance and access. If no active nests are found, no additional measures are required.

- If active nests are found the biologist will map the location and document the species and nesting stage. A no-work buffer will be established around the active nest as determined by the qualified biologist and based on the species sensitivity to disturbance and the type and duration of the disturbance. No construction activities shall occur within the no-work buffer until the biologist has determined the nest is no longer active.

Burrowing Owl

There is a moderate to high potential for burrowing owls to occur on the project site due to the large number of small mammal burrows onsite, as well as the records of burrowing owl within the

CNDDB 0.6-miles from the project site. Burrowing owls are opportunistic ground birds that will utilize the abandoned burrows of small ground mammals. As the project site is within their known range and contains appropriate habitat for them, there is a potential for burrowing owls to be resident, or to take up residence at the project site. To avoid impacts to active owl burrows, eggs, or young, preconstruction burrowing owl surveys and monitoring are required as described in **BIO-2** below. Because this species is a candidate for listing to CESA, an Incidental Take Permit (ITP) from CDFW would be required prior to any incidental take of the species.

BIO-2: Protocol Survey and Permitting for Burrowing Owl Survey

- To determine if burrowing owls occur on the project site or surrounding areas and may be impacted by the project a qualified biologist shall conduct a protocol level breeding season survey for burrowing owls according to the CDFW Staff Report on Burrowing Owl Mitigation.
- If burrowing owls are determined to be on the project site or surrounding areas and cannot be avoided by the project then the permittee shall contact CDFW and discuss the need for an ITP prior to initiating work on the project.
- If burrowing owls are determined to be absent from the project site during the protocol survey, an additional preconstruction survey shall be conducted prior to the initiation of the project per the guidelines and methods described in the Staff Report.

San Joaquin Kit Fox

San Joaquin kit fox have been recorded on the project site in the CNDDB and the project site is within their known range. However, the habitat on the project site is not comprised of native plant communities and is therefore not high-quality habitat for special status species. As a result, there is a moderate potential for kit fox on the project site. To avoid impacts to active kit fox dens, adults, or young, protocol surveys for San Joaquin kit are required as described in **BIO-3** below.

BIO-3: Preconstruction Survey for San Joaquin Kit Fox

- A qualified biologist must be retained to conduct a pre-construction survey of the project site no less than 14-days and no more than 30-days prior to beginning of ground and/or vegetation disturbing activities.

- Kit fox protection measures must be included on project plans.

- A qualified biologist must be retained to conduct on-site worker awareness training and inspect all construction materials prior to the commencement of ground disturbing activities.

- Protection measures must include the following:

  - A maximum 25 miles per hour (mph) speed limit at the project site implemented during construction.
  - Working days shall end at dusk and stop all construction activities at dusk.
  - Cover excavations deeper than 2 feet at the end of each working day or provide escape ramps for kit fox.
  - A qualified biologist shall inspect pipes, culverts, or similar structures for kit fox before burying, capping, or moving.
  - Remove food-related trash from project site at the end of each working day.
  - If pesticides or herbicides are used, they must be used according to local, State, and federal regulations to prevent secondary poisoning of kit foxes.
  - Permanent fencing installed as part of the project must allow passage of dispersing kit foxes.
  - Additional measures may be needed to maintain compliance with permits.

- If a kit fox is discovered at any time on the project site, all construction must stop, and the California Department of Fish and Wildlife (CDFW) and United States Fish and Wildlife Service (USFWS) shall be contacted immediately. The appropriate federal and State permits must be obtained before the project can proceed.

Swainson's Hawk

Though Swainson's hawk is not expected to nest on the project site, the project site has suitable foraging habitat, and adjacent lands within disturbance distance (0.5 mile) of the project site could support nesting by Swainson's hawk. If a Swainson's hawk nest is active near the project site during construction, the proposed project could impact this species through generating noise, light, and other disturbances during project construction and operation, which may cause this species to abandon its nests. Project implementation could also result in the loss of Swainson's hawk foraging habitat. To reduce potential impacts on Swainson's hawk to less than significant levels under CEQA, the project applicant shall implement the following mitigation measures (**BIO-4a and BIO-4b**), in accordance with the CDFW guidelines:

BIO-4a: Protocol Surveys for Swainson's Hawk

- Prior to ground disturbance that occurs during the nesting season for Swainson's hawk (generally March 20 to July 20), a qualified Biologist shall conduct Swainson's hawk nesting

surveys within a 0.5-mile radius of the project site to determine whether nests are occupied. Occupancy shall be determined through observation of all accessible areas, including from public roads or other publicly accessible observation areas of Swainson's hawk activity (e.g., foraging) on and near the project site.

- The qualified Biologist shall follow the survey protocol outlined in the California Department of Fish and Wildlife (CDFW) Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in California's Central Valley, which recommends surveys according to the following survey periods:
    - **Period I, January–March 20:** Conduct one survey total. Survey shall be conducted all day.
    - **Period II, March 20–April 5:** Conduct three surveys total. Surveys shall be conducted between sunrise to 10:00 a.m. and 4:00 p.m. to sunset.
    - **Period III, April 5–April 20:** Conduct three surveys total. Surveys shall be conducted between sunrise to 12:00 p.m. and 4:30 p.m. to sunset.
    - **Period IV, April 21–June 10:** Initiating surveys are not recommended. Monitoring of known nest sites is only recommended.
    - **Period V, June 10–JuIy 30 (post-fledging):** Conduct three surveys total. Surveys shall be conducted between sunrise to 12:00 p.m. and 4:00 p.m. to sunset.
- Pre-construction surveys shall be completed for at least the two survey periods immediately prior to project initiation. It is recommended that surveys be completed in Periods II, III, and V. Surveys shall not be initiated during Period IV.

BIO-4b: Swainson's Hawk Avoidance and Minimization and Construction Monitoring

- If nests are located and determined to be occupied, minimization measures must be implemented, and construction monitoring must be conducted as follows:
    - Construction activities shall be prohibited within 200 yards (600 feet) of an active and occupied Swainson's hawk nest, or within 200 yards (600 feet) of nests under construction, to prevent nest abandonment. Additionally, no tree containing an active Swainson's hawk nest shall be removed.
    - Notwithstanding the foregoing, if project site-specific conditions or the nature of the construction activity (e.g., other nearby development, steep topography, dense vegetation, limited activities) indicate that a smaller buffer, or no buffer at all, could

be used, the applicant may seek approval from the qualified Biologist who, in coordination with the California Department of Fish and Wildlife (CDFW), shall determine the appropriate buffer size, which, once approved, shall govern.

BIO-4c: Swainson's Hawk Foraging Habitat Mitigation

- If nests are located and determined to be occupied, minimization measures must be implemented to reduce impacts to foraging habitat to less than significant. CDFW's "Staff Report Regarding Mitigation for Impacts to Swainson's Hawks" (CDFG,1994) recommends that mitigation for habitat loss occur within a minimum distance of 10 miles from known nest sites.
    - For projects within 1 mile of an active nest tree, a minimum of 1 acre of habitat management (HM) land for each acre of development is advised.
    - For projects within 5 miles of an active nest but greater than 1 mile, a minimum of ¾ acre of HM land for each acre of development is advised.
    - For projects within 10 miles of an active nest tree but greater than 5 miles from an active nest tree, a minimum of ½ acre of HM land for each acre of development is advised.

Bakersfield Cactus

Bakersfield cactus has been recorded on the project site within the CNDDB and the project site is within the known range of the species. However, the habitat on the project site is not comprised of native plant communities and is therefore not high-quality habitat for special status species. As a result, there is a moderate potential for Bakersfield cactus to occur on the project site. To avoid impacts to Bakersfield cactus on the project site a preconstruction rare plants survey and rare plant avoidance are required as described in **BIO-5** below.

BIO-5: Preconstruction Rare Plants Survey

- A preconstruction rare plants survey must be conducted to the standard of the Guidelines for Conducting and Reporting Botanical Inventories of Federally Listed, Proposed, and Candidate Plants (USFWS, 2000) and the CDFW 2018 *Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Sensitive Natural Communities*. This survey should particularly focus on the identification of any existing Bakersfield cactus on the project site.

- If specimens of any protected plant species are documented on the project site, then further mitigation will be required at the direction of the USFWS and CDFW. Specifically a an ITP would be required for impacts to Bakerfield cactus.

Protected Trees

There are no trees on the project site. There are trees within the study area on adjacent properties that will not be impacted by the proposed project. Therefore, no protected trees are expected to be impacted by the proposed project.

Jurisdictional Resources

A Jurisdictional Determination Report prepared by Glenn Lukos Associates on the project site found that no jurisdictional features occur on the project site. The jurisdictional determination can be found in Appendix D of this report. As a result of the lack of jurisdictional features no impact to jurisdictional resources, including wetlands and streams, is expected to result from the proposed project.

Wildlife Movement Corridors and Habitat Linkages

The project site is in an urban area and isolated from native habitats and doesn't serve as a wildlife movement corridor or habitat linkage. Therefore, no impacts to those resources are expected to result from the project.

Conclusion

The development of 107-acres of ruderal areas would result from the project. However, the community is not classified as a sensitive natural community by the CDFW and lacks native habitats. Four special-status species have potential to be present and if present would be impacted. Mitigation Measures **BIO-2, 3, 4a, 4b, 4c, & 5** requiring protocol level surveys and agency coordination for burrowing owl, San Joaquin kit fox, Swainson's hawk, and Bakersfield cactus are required to comply with the FESA and CESA. There is the potential for nesting birds during the nesting season and measure **BIO-1** is recommended to avoid impacts to nesting birds.

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Appendix A

Photograph Exhibit



Photo 1. Depicts the Project Site from the southwest corner, featuring the adjacent pipeline facility.



Photo 2. Depicts the southwest corner of the Project Site, featuring power lines and adjacent businesses with ornamental vegetation.



Photo 3. Depicts the dirt road running along the west side of the Project Site, featuring an adjacent pipeline facility and fulfillment warehouse.



Photo 4. Depicts Project Site from the southeast corner, featuring a dirt road that runs northwest-southeast.



Photo 5. Depicts the dirt road along the adjacent pipeline facility.



Photo 6. Depicts the culvert at the northeast corner of the Project Site.

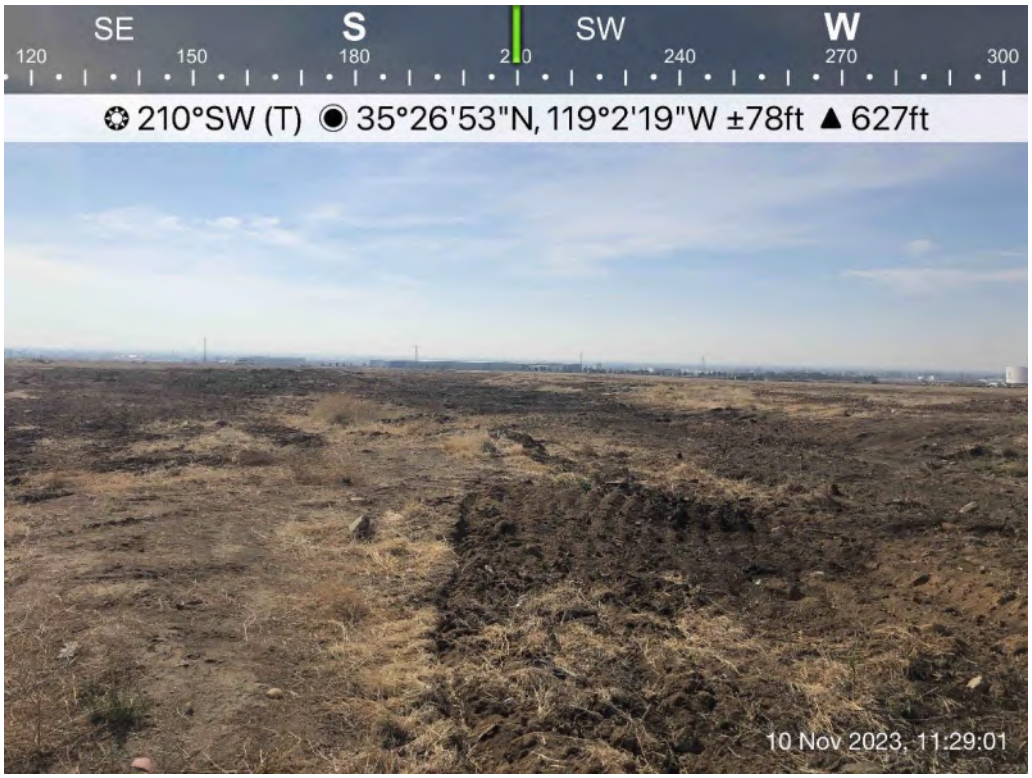


Photo 7. The Project Site as seen from the northeast corner.



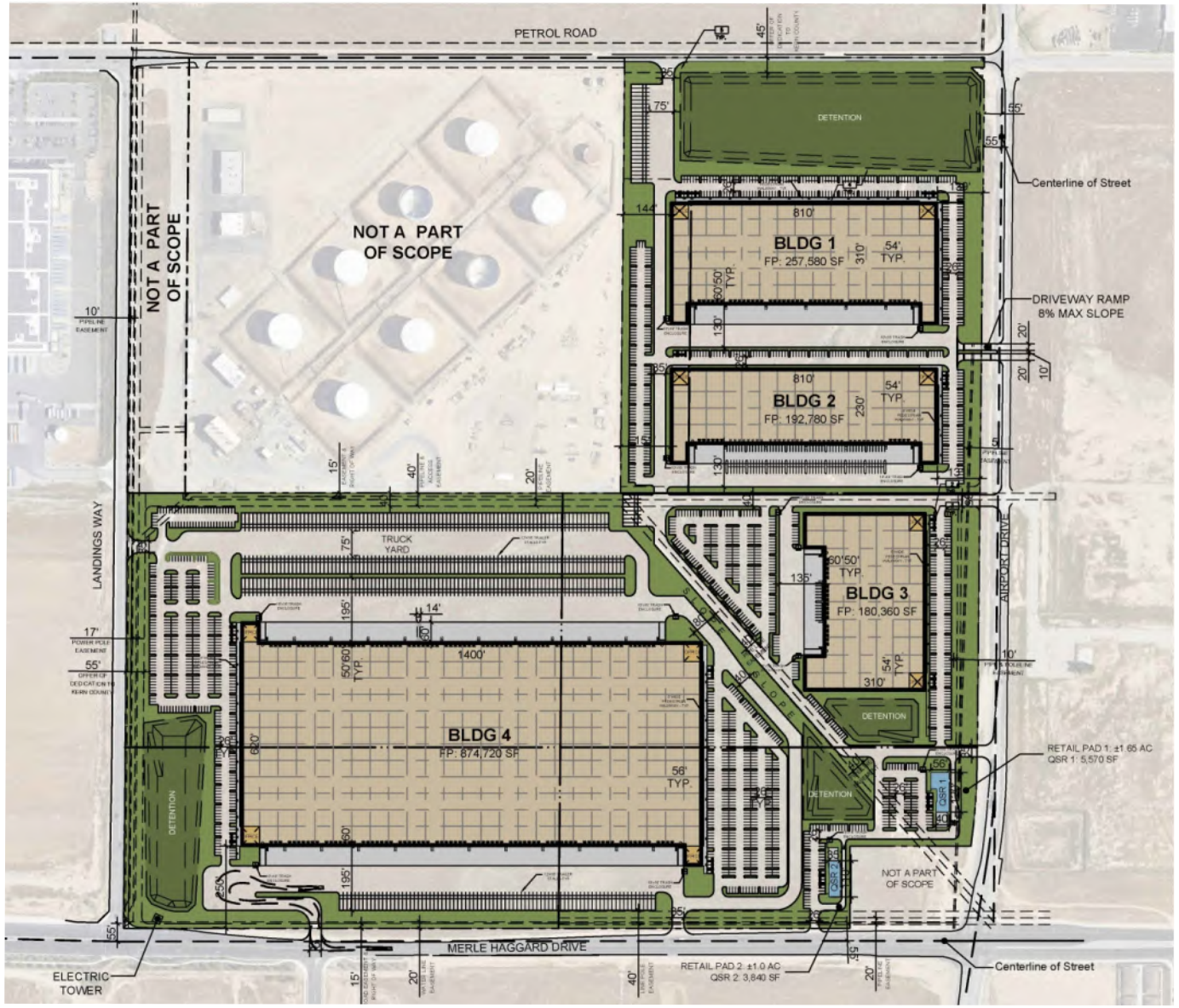
Photo 8. Dead vegetation in a central area of the Project Site.



Photo 9. A view of the Project Site adjacent to Merle Haggard Drive.

Appendix B

Site Plan



Source: Ware Malcomb, 02/06/2025.

FIRSTCARBON SOLUTIONS™

Exhibit 3
Site Plan

Appendix C

Special-Status Species Analysis

Special-Status Species

Special-status species are those plants and animals that, because of their recognized rarity or vulnerability to various causes of habitat loss or population decline, are recognized by federal, state, or other agencies as under threat from human-associated developments. Some of these species receive specific protection that is defined by federal or state endangered species legislation. Others have been designated as special-status based on adopted policies and expertise of state resource agencies or organizations with acknowledged expertise, or policies adopted by local governmental agencies such as counties, cities, and special districts to meet local conservation objectives. Special-status species include:

- Plants or wildlife listed or proposed for listing as threatened or endangered, or are candidates for possible future listing as threatened or endangered, under the federal Endangered Species Act or the California Endangered Species Act;
- Plants or wildlife that meet the definitions of rare or endangered under CEQA Guidelines Section 15380.
- Plants or wildlife covered under an adopted NCCP/HCP;
- Plants considered by the California Native Plant Society (CNPS) to be rare, threatened, or endangered (List 1A, 1B and 2 plants) in California;
- Plants listed by the CNPS as plants in which there is limited information about distribution (List 3);
- Plants listed as rare under the California Native Plant Protection Act (Fish and Game Code 1900 et seq.);
- Wildlife designated by CDFW as species of special concern;
- Wildlife "fully protected" in California (California Fish and Game Code Sections 3511, 4700, and 5050); and
- Wildlife protected by the Migratory Bird Treaty Act (MTBA).

Federally-Protected Status

All references to Federally-protected species in this BRA include the most current published status or candidate category to which each species has been assigned by USFWS. For purposes of this assessment the following acronyms are used for Federal status species, as applicable:

FE Federally-listed as Endangered
FT Federally-listed as Threatened
FPE Federally proposed for listing as Endangered
FPT Federally proposed for listing as Threatened
FPD Federally proposed for delisting
FC Federal candidate species (former C1 species)

State-Protected Status

For the purposes of this BRA, the following acronyms are used for State status species, as applicable:

SE State-listed as Endangered
ST State-listed as Threatened
SR State-listed as Rare
SCE State candidate for listing as Endangered
SCT State candidate for listing as Threatened
SFP State Fully Protected
SSC California Species of Special Concern

California Rare Plant Rank

The CNPS is a private plant conservation organization dedicated to the monitoring and protection of special-status species in California. CNPS has compiled an inventory comprised of the information focusing on geographic distribution and qualitative characterization of Rare, Threatened, or Endangered vascular plant species of California (CNPS 2018). The list serves as the candidate list for listing as Threatened and Endangered by CDFW. CNPS has developed six categories of rarity known as the California Rare Plant Rank (CRPR), of which Ranks 1A, 1B, 2A, and 2B are particularly considered sensitive:

Rank 1A Presumed extinct in California.
Rank 1B Plants Rare, Threatened, or Endangered in California and elsewhere.
Rank 2A Presumed extinct in California, but more common elsewhere.
Rank 2B Plants Rare, Threatened, or Endangered in California, but more common elsewhere.
Rank 3 Plants about which we need more information – a review list.
Rank 4 Plants of limited distribution – a watch list.

The CNPS recently added "threat ranks" which parallel the ranks used by the CNDDB. These ranks are added as a decimal code after the CNPS List (e.g., Rank 1B.1). The threat codes are as follows:

.1 Seriously threatened in California (over 80% of occurrences threatened/high degree and immediacy of threat);
.2 Moderately threatened in California (20-80% occurrences threatened);
.3 Not very threatened in California (<20% of occurrences threatened or no current threats known).

Potential to Occur Assessment

Special-status species that are **present** or are **likely** (high or medium potential) to occur within the study area are a based on one or more of the following:

- the direct observation of the species within the study area during any field surveys;
- a record reported in the CNDDB; and
- the study area is within known distribution of a species and contains appropriate habitat.

Special-status species that are **unlikely** (low potential) to occur are based on one of the following:

- the study area has the general habitat types but lacks necessary habitat elements such as suitable microhabitat or soils; or
- the study area is outside the known elevation range or distribution of the species, and has otherwise suitable habitats;

Special-status species that have no potential to occur on the study area are labeled as **none** due to the absence of suitable habitat.

Special-Status Plants

Common Name	Scientific Name	CRPR	California Listing	Federal Listing	Habitat	Microhabitat	Low Elevation (ft)	High Elevation (ft)	Potential to Occur
Howell's onion	*Allium howellii var. howellii*	4.3	None	None	Valley and foothill grassland	Clay (sometimes), Serpentinite (sometimes)	165	7220	**Low.** The Study Area lacks microhabitat for this species.
Horn's milk-vetch	*Astragalus hornii var. hornii*	1B.1	None	None	Meadows and seeps, Playas	Alkaline, Lake Margins	195	2790	**None.** The Study Area lacks habitat for this species.
Bakersfield smallscale	*Atriplex tularensis*	1A	CE	None	Chenopod scrub		295	655	**None.** The Study Area lacks habitat for this species.
Mexican mosquito fern	*Azolla microphylla*	4.2	None	None	Marshes and swamps (ponds, slow water)		100	330	**None.** The Study Area lacks habitat for this species.
alkali mariposa-lily	*Calochortus striatus*	1B.2	None	None	Chaparral, Chenopod scrub, Meadows and seeps, Mojavean desert scrub	Alkaline, Mesic	230	5235	**None.** The Study Area lacks habitat for this species.
California jewelflower	*Caulanthus californicus*	1B.1	CE	FE	Chenopod scrub, Pinyon and juniper woodland, Valley and foothill grassland	Sandy	200	3280	**Low.** The Study Area lacks native habitat for this species.
hispid salty bird's-beak	*Chloropyron molle ssp. hispidum*	1B.1	None	None	Meadows and seeps, Playas, Valley and foothill grassland	Alkaline	5	510	**None.** The Study Area lacks habitat for this species.
slender clarkia	*Clarkia exilis*	4.3	None	None	Cismontane woodland		395	3280	**None.** The Study Area lacks habitat for this species.
small-flowered morning-glory	*Convolvulus simulans*	4.2	None	None	Chaparral (openings), Coastal scrub, Valley and foothill grassland	Clay, Seeps, Serpentinite	100	2430	**Low.** The Study Area lacks microhabitat for this species.
recurved larkspur	*Delphinium recurvatum*	1B.2	None	None	Chenopod scrub, Cismontane woodland, Valley and foothill grassland	Alkaline	10	2590	**Low.** The Study Area lacks microhabitat for this species.

calico monkeyflower	*Diplacus pictus*	1B.2	None	None	Broadleafed upland forest, Cismontane woodland	Disturbed areas, Granitic	330	4690	**None.** The Study Area lacks habitat for this species.
Kern mallow	*Eremalche parryi ssp. kernensis*	1B.2	None	FE	Chenopod scrub, Pinyon and juniper woodland, Valley and foothill grassland	Clay (sometimes), Dry, Openings, Sandy (sometimes)	230	4230	**Low.** The Study Area lacks native habitat for this species.
Hoover's eriastrum	*Eriastrum hooveri*	4.2	None	FD	Chenopod scrub, Pinyon and juniper woodland, Valley and foothill grassland	Gravelly (sometimes)	165	3000	**Low.** The Study Area lacks microhabitat for this species.
cottony buckwheat	*Eriogonum gossypinum*	4.2	None	None	Chenopod scrub, Valley and foothill grassland	Clay	330	1805	**Low.** The Study Area lacks microhabitat for this species.
Tejon poppy	*Eschscholzia lemmonii ssp. kernensis*	1B.1	None	None	Chenopod scrub, Valley and foothill grassland		525	3280	**Low.** The Study Area lacks native habitat for this species.
golden goodmania	*Goodmania luteola*	4.2	None	None	Meadows and seeps, Mojavean desert scrub, Playas, Valley and foothill grassland	Alkaline (sometimes), Clay (sometimes)	65	7220	**Low.** The Study Area lacks microhabitat for this species.
hogwallow starfish	*Hesperevax caulescens*	4.2	None	None	Valley and foothill grassland (mesic clay), Vernal pools (shallow)	Alkaline (sometimes)	0	1655	**Low.** The Study Area lacks microhabitat for this species.
vernal barley	*Hordeum intercedens*	3.2	None	None	Coastal dunes, Coastal scrub, Valley and foothill grassland (depressions, saline flats), Vernal pools		15	3280	**Low.** The Study Area lacks native habitat for this species.
California satintail	*Imperata brevifolia*	2B.1	None	None	Chaparral, Coastal scrub, Meadows and seeps (often alkali), Mojavean desert scrub, Riparian scrub	Mesic	0	3985	**None.** The Study Area lacks habitat for this species.
Ferris' goldfields	*Lasthenia ferrisiae*	4.2	None	None	Vernal pools (alkaline, clay)		65	2295	**None.** The Study Area lacks habitat for this species.

Comanche Point layia	*Layia leucopappa*	1B.1	None	None	Chenopod scrub, Valley and foothill grassland		330	1150	**Low.** The Study Area lacks native habitat for this species.
large-flowered leptosiphon	*Leptosiphon grandiflorus*	4.2	None	None	Cismontane woodland, Closed-cone coniferous forest, Coastal bluff scrub, Coastal dunes, Coastal prairie, Coastal scrub, Valley and foothill grassland	Sandy (usually)	15	4005	**Low.** The Study Area lacks native habitat for this species.
San Joaquin woollythreads	*Monolopia congdonii*	1B.2	None	FE	Chenopod scrub, Valley and foothill grassland (sandy)		195	2625	**Low.** The Study Area lacks native habitat for this species.
Piute Mountains navarretia	*Navarretia setiloba*	1B.1	None	None	Cismontane woodland, Pinyon and juniper woodland, Valley and foothill grassland	Clay (sometimes), Gravelly (sometimes), Loam (sometimes)	935	6890	**Low.** The Study Area lacks native habitat for this species.
Bakersfield cactus	*Opuntia basilaris var. treleasei*	1B.1	CE	FE	Chenopod scrub, Cismontane woodland, Valley and foothill grassland	Gravelly (sometimes), Sandy (sometimes)	330	4755	**High.** A CNDDB record of Bakersfield Cactus occurs on the Project Site.
oil neststraw	*Stylocline citroleum*	1B.1	None	None	Chenopod scrub, Coastal scrub, Valley and foothill grassland	Clay	165	1310	**Low.** The Study Area lacks microhabitat for this species.
Mason's neststraw	*Stylocline masonii*	1B.1	None	None	Chenopod scrub, Pinyon and juniper woodland	Sandy	330	3935	**None.** The Study Area lacks habitat for this species.
California screw moss	*Tortula californica*	1B.2	None	None	Chenopod scrub, Valley and foothill grassland	Sandy	35	4790	**Low.** The Study Area lacks native habitat for this species.
San Joaquin bluecurls	*Trichostema ovatum*	4.2	None	None	Chenopod scrub, Valley and foothill grassland		215	1050	**Low.** The Study Area lacks native habitat for this species.

Special-Status Animals

Scientific Name	Common Name	Taxonomic Group	Federal Listing	California Listing	Other Status	General Habitat	Microhabitat	Potential to Occur
Spea hammondii	western spadefoot	Amphibians	None	None	BLM_S-Sensitive | CDFW_SSC-Species of Special Concern | IUCN_NT-Near Threatened	Occurs primarily in grassland habitats, but can be found in valley-foothill hardwood woodlands.	Vernal pools are essential for breeding and egg-laying.	**None.** The Study Area lacks habitat for this species.
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	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.	**None.** The Study Area lacks habitat for this species.
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	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.	**High.** The Study Area has appropriate habitat for this species and a CNDDB record occurs within a mile of the Project Site.
Buteo swainsoni	Swainson's hawk	Birds	None	Threatened	BLM_S-Sensitive | IUCN_LC-Least Concern	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.	**None.** The Study Area lacks habitat for this species.
Elanus leucurus	white-tailed kite	Birds	None	None	BLM_S-Sensitive | CDFW_FP-Fully Protected | IUCN_LC-Least Concern	Rolling foothills and valley margins with scattered oaks and river bottomlands or marshes next to deciduous woodland.	Open grasslands, meadows, or marshes for foraging close to isolated, dense-topped trees for nesting and perching.	**None.** The Study Area lacks habitat for this species.
Eremophila alpestris actia	California horned lark	Birds	None	None	CDFW_WL-Watch List | IUCN_LC-Least Concern	Coastal regions, chiefly from Sonoma County to San Diego County. Also	Short-grass prairie, "bald" hills, mountain meadows, open coastal	**Moderate.** The Study Area has habitat for this species.

						main part of San Joaquin Valley and east to foothills.	plains, fallow grain fields, alkali flats.	
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.	**None.** The Study Area lacks habitat for this species.
Danaus plexippus plexippus pop. 1	monarch - California overwintering population	Insects	Candidate	None	IUCN_EN-Endangered | USFS_S-Sensitive	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.	**None.** The Study Area lacks habitat for this species.
Desmocerus californicus dimorphus	valley elderberry longhorn beetle	Insects	Threatened	None		Occurs only in the Central Valley of California, in association with blue elderberry (Sambucus mexicana).	Prefers to lay eggs in elderberries 2-8 inches in diameter; some preference shown for "stressed" elderberries.	**None.** The Study Area lacks habitat for this species.
Lytta moesta	moestan blister beetle	Insects	None	None		Central California.		**Low.** No records of this species occur nearby.
Lytta morrisoni	Morrison's blister beetle	Insects	None	None		Inhabitant of the southern Central Valley of California.		**Low.** No records of this species occur nearby.
Ammospermophilus nelsoni	Nelson's antelope squirrel	Mammals	None	Threatened	BLM_S-Sensitive | IUCN_EN-Endangered	Western San Joaquin Valley from 200-1200 ft elev. On dry, sparsely vegetated loam soils.	Dig burrows or use k-rat burrows. Need widely scattered shrubs, forbs and grasses in broken terrain with gullies and washes.	**Low.** No records of this species occur nearby.
Dipodomys nitratoides nitratoides	Tipton kangaroo rat	Mammals	Endangered	Endangered	IUCN_VU-Vulnerable	Saltbrush scrub and sink scrub communities in the Tulare Lake Basin of the southern San Joaquin Valley.	Needs soft friable soils which escape seasonal flooding. Digs burrows in elevated soil mounds at bases of shrubs.	**None.** The Study Area lacks habitat for this species.
Eumops perotis californicus	western mastiff bat	Mammals	None	None	BLM_S-Sensitive | CDFW_SSC-Species of Special Concern	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.	**None.** The Study Area lacks habitat for this species.

Lasiurus cinereus	hoary bat	Mammals	None	None	IUCN_LC-Least Concern	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.	**None.** The Study Area lacks habitat for this species.
Onychomys torridus tularensis	Tulare grasshopper mouse	Mammals	None	None	BLM_S-Sensitive | CDFW_SSC-Species of Special Concern	Hot, arid valleys and scrub deserts in the southern San Joaquin Valley.	Diet almost exclusively composed of arthropods, therefore needs abundant supply of insects.	**None.** The Study Area lacks habitat for this species.
Perognathus inornatus	San Joaquin pocket mouse	Mammals	None	None	BLM_S-Sensitive | IUCN_LC-Least Concern	Grassland, oak savanna and arid scrubland in the southern Sacramento Valley, Salinas Valley, San Joaquin Valley and adjacent foothills, south to the Mojave Desert.	Associated with fine-textured, sandy, friable soils.	**Low.** The Study Area is 1.75 miles from a CNDDB record of this species and contains appropriate habitat. However, the project site has been tilled and the habitat has been degraded to a level that is no longer suitable. There is no grassland, oak savannah, or scrub lands, only old agricultural fields that have been tilled.
Sorex ornatus relictus	Buena Vista Lake ornate shrew	Mammals	Endangered	None	CDFW_SSC-Species of Special Concern	Marshlands and riparian areas in the Tulare Basin.	Prefers moist soil. Uses stumps, logs and litter for cover.	**None.** The Study Area lacks habitat for this species.
Taxidea taxus	American badger	Mammals	None	None	CDFW_SSC-Species of Special Concern | IUCN_LC-Least Concern	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.	**Low.** The Study Area is .5 miles from a CNDDB record of this species. However, this species requires native habitat with burrowing mammals. The project site lacks a prey base or burrows that this species would require.

Vulpes macrotis mutica	San Joaquin kit fox	Mammals	Endangered	Threatened		Annual grasslands or grassy open stages with scattered shrubby vegetation.	Need loose-textured sandy soils for burrowing, and suitable prey base.	**Moderate.** Two CNDDB records of this species occur on the Project Site, but the habitat is highly disturbed and lacks native plant communities.
Gonidea angulata	western ridged mussel	Mollusks	None	None	IUCN_VU-Vulnerable	Primarily creeks and rivers and less often lakes. Originally in most of state, now extirpated from Central and Southern California.		**None.** The Study Area lacks habitat for this species.
Helminthoglypta callistoderma	Kern shoulderband	Mollusks	None	None	IUCN_EN-Endangered	Known only from Tulare and Kern counties, along the lower Kern River Canyon.	Has been collected from dead vegetation along the water's edge.	**None.** The Study Area lacks habitat for this species.
Anniella grinnelli	Bakersfield legless lizard	Reptiles	None	None	CDFW_SSC-Species of Special Concern	Southern San Joaquin Valley. Known from two disjunct areas: the east side of the Carrizo Plain and portions of the city limits of Bakersfield.	Microhabitat of this species is poorly known. Other legless lizard species occur in sparsely vegetated areas with moist, loose soil. Often found underneath leaf litter, rocks, and logs.	**None.** The Study Area lacks habitat for this species.
Anniella spp.	California legless lizard	Reptiles	None	None	CDFW_SSC-Species of Special Concern	Contra Costa County south to San Diego, within a variety of open habitats. This element represents California records of Anniella not yet assigned to new species within the Anniella pulchra complex.	Variety of habitats; generally in moist, loose soil. They prefer soils with a high moisture content.	**None.** The Study Area lacks habitat for this species.
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.	**Low.** The Study Area is 1.5 miles from a CNDDB record of this species. However, there are no scrub or grassland habitats

								on the site, only ruderal plants and tilled ground. The disturbance has made the project site of low quality for this species.
Actinemys marmorata	northwestern pond turtle	Reptiles	Proposed Threatened	None	BLM_S-Sensitive | CDFW_SSC-Species of Special Concern | IUCN_VU-Vulnerable | USFS_S-Sensitive	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.	**None.** The Study Area lacks habitat for this species.
Gambelia sila	blunt-nosed leopard lizard	Reptiles	Endangered	Endangered	CDFW_FP-Fully Protected | IUCN_EN-Endangered	Resident of sparsely vegetated alkali and desert scrub habitats, in areas of low topographic relief.	Seeks cover in mammal burrows, under shrubs or structures such as fence posts; they do not excavate their own burrows.	**None.** The Study Area lacks habitat for this species.
Masticophis flagellum ruddocki	San Joaquin coachwhip	Reptiles	None	None	CDFW_SSC-Species of Special Concern	Open, dry habitats with little or no tree cover. Found in valley grassland and saltbush scrub in the San Joaquin Valley.	Needs mammal burrows for refuge and oviposition sites.	**Low.** No records of this species occur nearby.
Phrynosoma blainvillii	coast horned lizard	Reptiles	None	None	BLM_S-Sensitive | CDFW_SSC-Species of Special Concern | IUCN_LC-Least Concern	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.	**None.** The Study Area lacks habitat for this species.

Appendix D

Jurisdictional Determination Report

GLENN LUKOS ASSOCIATES

Regulatory Services

September 25, 2023

Bryce Holman, Principal
Bayspring Real Estate Partners
611 Gateway Blvd, Suite 120
South San Francisco, CA 94080

SUBJECT: Jurisdictional Determination of the Approximately 110-Acre Property Located in the City of Bakersfield, Kern County, California

Dear Mr. Holman:

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

The Subject site in Kern County [Exhibit 1] comprises approximately 110 acres and was historically depicted with one blue-line stream as shown on the 1954 U.S. Geological Survey (USGS) 7.5 minute topographic map Oildale, California [Exhibit 2]; however, on the 2012, 2015, and 2018 7.5-minute USGS Oildale Maps, no blue-line drainage is depicted and there is no topography depicted that is consistent with a drainage course on the three recent maps.

On September 11, 2023, a regulatory specialist of Glenn Lukos Associates, Inc. (GLA) examined the Project site to determine presence for any indicators for (1) Corps jurisdiction pursuant to Section 404 of the Clean Water Act (CWA), (2) Regional Board jurisdiction pursuant to Section 401 of the CWA and Section 13260 of the California Water Code (CWC), and (3) CDFW jurisdiction pursuant to Division 2, Chapter 6, Section 1600 of the Fish and Game Code. Enclosed is a 300-scale map [Exhibit 3] that depicts the historic location of the blue-line drainage that was evaluated for Corps, Regional Board and CDFW jurisdiction. Photographs to document the topography, vegetative communities, and general characteristics of the site are provided as Exhibit 4.

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

There is no Corps jurisdiction on the site. The historic blue-line does not exhibit an Ordinary High Water Mark (OHWM) and would not be considered a drainage of any sort. In addition, the Feature would not meet the definition of a "Tributary" of waters identified in paragraph (a)(1) or (2) of the definition for waters of the U.S. that are relatively permanent, standing or continuously flowing bodies of water; or (4) (ii) Relatively permanent, standing or continuously flowing bodies of water identified in paragraph (a)(2) or (a)(3) of the definitions section and with a continuous surface connection to those waters.

There are no wetlands as defined by the *State Board Wetland Definition and Procedures*. There are no areas that meet the definition of a stream on the site. As noted, while the 1954 Oildale 7.5-minute USGS topographic map shows a blue-line drainage traversing the site from the northeast corner to the southwest corner, none of the 7.5-minute USGS topographic maps from 2012, 2015, and 2018 show a blue-line drainage. This is consistent with the field observations on September 11, 2023. Thus, there are no drainage courses that would be considered waters of the State subject to the waste discharge requirements of the Porter Cologne Act.

Finally, there are no streams that would be subject to the Notification Requirements of Section 1602 of the California Fish and Game Code. The Feature does not have a bed, bank, or channel that has any indicators for a "stream". There is no riparian habitat consistent with the lack of a stream on the site. As noted above, the most recent USGS 7.5-minute topographic maps for the site do not depict a blue-line drainage which is consistent with the field observations. The site conditions are discussed in more detail in the results section below.

I. METHODOLOGY

Prior to beginning the field delineation, a series of color aerial photographs, a topographic base map of the property, the previously cited USGS topographic maps, and a soils map were examined to determine the locations of potential areas of Corps, Regional Board, and CDFW jurisdiction. Potential jurisdictional areas were field checked during a site visit on September 11, 2023, for evidence of stream activity and/or wetland vegetation, soils, and hydrology. Where applicable, reference was made to the 2008 Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States (OWHM Manual)[2] to identify the width of Corps jurisdiction, and suspected federal wetland habitats on the site were evaluated using the methodology set forth in the U.S. Army Corps of Engineers 1987 Wetland Delineation Manual[3] (Wetland Manual) and the 2008 Regional Supplement to the

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

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

Corps of Engineers Wetland Delineation Manual: Arid West Supplement (Arid West Supplement).[4] Reference was also made to the 2019 State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State (State Board Wetland Definition and Procedures) to identify suspected State wetland habitats.[5] While in the field, the potential indicators of jurisdiction were recorded on a color aerial photograph using visible landmarks.

II. JURISDICTION

A. Army Corps of Engineers

Pursuant to Section 404 of the Clean Water Act, the Corps regulates the discharge of dredged and/or fill material into waters of the United States. The term "waters of the United States" was most recently defined in the Federal Register on September 8, 2023, in the Corps' regulations at 33 CFR Part 328.3(a)[6] as:

(1) Waters which are:
  (i) Currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide;
  (ii) The territorial seas; or
  (iii) Interstate waters, including interstate wetlands;
(2) Impoundments of waters otherwise defined as waters of the United States under this definition, other than impoundments of waters identified under paragraph (a)(5) of this section;
(3) Tributaries of waters identified in paragraphs (a)(1) or (2) of this section:
  (i) That are relatively permanent, standing or continuously flowing bodies of water; or
(4) Wetlands adjacent to the following waters:
  (i) Waters identified in paragraph (a)(1) of this section; or

[4] U.S. Army Corps of Engineers. 2008. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0), ed. J. S. Wakeley, R. W. Lichvar, and C. V. Noble. ERDC/EL TR-08-28. Vicksburg, MS: U.S. Army Engineer Research and Development Center.
[5] State Water Resources Control Board. 2019. State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State.
[6] *Federal Register* / Vol. 88, No. 173 / Friday, September 8, 2023 / Rules and Regulations

(ii) Relatively permanent, standing or continuously flowing bodies of water identified in paragraph (a)(2) or (a)(3)(i) of this section and with a continuous surface connection to those waters; or

(5) Intrastate lakes and ponds, streams, or wetlands not identified in paragraphs (a)(1) through (4) of this section:

That are relatively permanent, standing or continuously flowing bodies of water with a continuous surface connection to the waters identified in paragraph (a)(1) or (a)(3)(i) of this section; or

Corps regulations at 33 CFR Part 328.3(b) exclude the following from being "waters of the United States" even where they otherwise meet the terms of paragraphs (a)(2) through (5) above:

(1) Waste treatment systems, including treatment ponds or lagoons, designed to meet the requirements of the Clean Water Act;

(2) Prior converted cropland designated by the Secretary of Agriculture. The exclusion would cease upon a change of use, which means that the area is no longer available for the production of agricultural commodities. Notwithstanding the determination of an area's status as prior converted cropland by any other Federal agency, for the purposes of the Clean Water Act, the final authority regarding Clean Water Act jurisdiction remains with EPA;

(3) Ditches (including roadside ditches) excavated wholly in and draining only dry land and that do not carry a relatively permanent flow of water;

(4) Artificially irrigated areas that would revert to dry land if the irrigation ceased;

(5) Artificial lakes or ponds created by excavating or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing;

(6) Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating or diking dry land to retain water for primarily aesthetic reasons;

(7) Waterfilled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States; and

(8) Swales and erosional features (e.g., gullies, small washes) characterized by low volume, infrequent, or short duration flow.

In the absence of wetlands, the limits of Corps jurisdiction in non-tidal waters, such as intermittent streams, extend to the OHWM which is defined at 33 CFR 328.3(c)(4) as:

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

"Adjacent wetlands" are defined by 33 CFR 328.3(c)(2) as those wetlands having a continuous surface connection.

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

The term "wetlands" (a subset of "waters of the United States") is defined at 33 CFR 328.3(c)(1) as "areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas." In 1987 the Corps published the Wetland Manual to guide its field personnel in determining jurisdictional wetland boundaries. The methodology set forth in the Wetland Manual and the Arid West Supplement generally require that, in order to be considered a wetland, the vegetation, soils, and hydrology of an area exhibit at least minimal hydric characteristics. While the Wetland Manual and Arid West Supplement provide great detail in methodology and allow for varying special conditions, a wetland should normally meet each of the following three criteria:

- More than 50 percent of the dominant plant species at the site must be hydrophytic in nature as published in the most current national wetland plant list;

- Soils must exhibit physical and/or chemical characteristics indicative of permanent or periodic saturation (e.g., a gleyed color, or mottles with a matrix of low chroma indicating a relatively consistent fluctuation between aerobic and anaerobic conditions); and

- Whereas the Wetland Manual requires that hydrologic characteristics indicate that the ground is saturated to within 12 inches of the surface for at least five percent of the growing season during a normal rainfall year, the Arid West Supplement does not include a quantitative criteria with the exception for areas with "problematic hydrophytic vegetation", which require a minimum of 14 days of ponding to be considered a wetland.

B. Regional Water Quality Control Board

The State Water Resource Control Board and each of its nine Regional Boards regulate the discharge of waste (dredged or fill material) into waters of the United States[7] and waters of the State. Waters of the United States are defined as "any surface water or groundwater, including saline waters, within the boundaries of the state" (California Water Code 13050[e]). Thus, the Regional Board as broad latitude in regulating features such as ephemeral drainages, which would not be regulated by the Corps under Section 404 of the CWA.

Section 401 of the CWA requires certification for any federal permit or license authorizing impacts to waters of the U.S. (i.e., waters that are within federal jurisdiction), such as Section 404 of the CWA and Section 10 of the Safe Rivers and Harbors Act, to ensure that the impacts do not violate state water quality standards. As noted, this site contains no waters of the U.S. and there is no need to obtain a Section 401 Water Quality Certification. When a project could impact waters outside of federal jurisdiction, the Regional Board has the authority under the Porter-Cologne Water Quality Control Act to issue Waste Discharge Requirements (WDRs) to ensure that impacts do not violate state water quality standards. Clean Water Act Section 401 Water Quality Certifications, WDRs, and waivers of WDRs are also referred to as orders or permits.

1. State Wetland Definition

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

GLA has determined that the site contains no wetlands as defined by the State or under any other regulatory program. For purposes of completeness, the following definition for wetlands defined by the State is set forth below:

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

1. *Natural wetlands;*
2. *Wetlands created by modification of a surface water of the state;*[8] *and*
3. *Artificial wetlands*[9] *that meet any of the following criteria:*

a. Approved by an agency as compensatory mitigation for impacts to other waters of the state, except where the approving agency explicitly identifies the mitigation as being of limited duration;
b. Specifically identified in a water quality control plan as a wetland or other water of the state;
c. Resulted from historic human activity, is not subject to ongoing operation and maintenance, and has become a relatively permanent part of the natural landscape; or
d. Greater than or equal to one acre in size, unless the artificial wetland was constructed, and is currently used and maintained, primarily for one or more of the following purposes (i.e., the following artificial wetlands are not waters of the state unless they also satisfy the criteria set forth in 2, 3a, or 3b):

i. Industrial or municipal wastewater treatment or disposal,
ii. Settling of sediment,
iii. Detention, retention, infiltration, or treatment of stormwater runoff and other pollutants or runoff subject to regulation under a municipal, construction, or industrial stormwater permitting program,
iv. Treatment of surface waters,
v. Agricultural crop irrigation or stock watering,
vi. Fire suppression,
vii. Industrial processing or cooling,
viii. Active surface mining – even if the site is managed for interim wetlands functions and values,
ix. Log storage,
x. Treatment, storage, or distribution of recycled water, or
xi. Maximizing groundwater recharge (this does not include wetlands that have incidental groundwater recharge benefits); or

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

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

C. California Department of Fish and Wildlife

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

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

It is important to note that the Fish and Game Code defines wildlife to include "all wild animals, birds, plants, fish, amphibians, invertebrates, reptiles, and related ecological communities, including the habitat upon which they depend for continued viability" (FGC Division 0.5, Chapter 1, section 89.5). Furthermore, Division 2, Chapter 5, Article 6, Section 1600 et seq. of the California Fish and Game Code does not limit jurisdiction to areas defined by specific flow events, seasonal changes in water flow, or presence/absence of vegetation types or communities.

III. RESULTS

A. Site Description

As noted, one blue-line stream is depicted on the 1954 U.S. Geological Survey (USGS) topographic map Oildale, California [Exhibit 2] entering the site at the northeast corner and traversing the site diagonally to the southwest corner. However, the 2012, 2015, and 2018 USGS 7.5-minute Oildale Maps, show no blue-line drainage and show no topography consistent with a drainage course. Because there is no drainage course on the site, for purposes of discussion below, the former blue-line drainage is referred to as the "Feature."

The absence of a stream was confirmed during the September 11, 2023 site visit, which included walking the entire length of the area where the blue-line stream was depicted on the 1954 USGS 7.5-topographic map. The northern approximately 1,165 feet of the Feature exhibits upland vegetation dominated by scalebroom (*Lepidospartum squamatum*, FACU), with understory

species including summer mustard (*Hirschfeldia incana*, UPL), horehound (*Marrubium vulgare*, FACU), ripgut brome (*Bromus diandrus*, UPL) and red brome (*Bromus madritensis Rubens*, UPL). A few individuals of cattle spinach (*Atriplex polycarpa*, FACU) were also present in the shrub layer.

Beginning approximately 355 feet south of Petrol; Road, the Feature exhibited an erosional cut that was six to 12 inches deep and two- to three-feet-wide that extended for 125 feet before disappearing. This was the only portion of the approximately 3,700-foot segment of the site which showed any signs of erosion. No other signs of flow were detected over the entire length of the Feature.

The lower two-thirds of the Feature supports non-native grasses and forbs including summer mustard (*Hirschfeldia incana*, UPL), horehound (*Marrubium vulgare*, FACU), ripgut (*Bromus diandrus*, UPL), red brome (*Bromus madritensis Rubens*, UPL), vinegar weed (*Trichostoma lanceolata*, FACU), twiggy wreath plant (*Stephanomeria virgata*, UPL), and bur ragweed (*Ambrosia acanthicarpa*, UPL). No signs of erosion or any other signs of flow were observed. At the point where the Feature exits the site, a metal grate covers the concrete inlet structure. No debris wrack was observed on the grate, which is a strong indicator that the feature is not a stream conveying discharge. Also, of note, is that the 2022/2023 rainfall year totaled more than double the average, which was followed by tropical storm Hilary, which passed through the Bakersfield area on August 20 and 21, 2023. As noted, there was no evidence of flow during the September 11, 2023 site visit.

B. Corps Jurisdiction

As already described, the Feature originates at the northeast corner of the site near the intersection of Airport Drive and Petrol Road. The Feature extends to the southwest diagonally across the site and exhibits a very limited area with an incised erosional segment of about 125 feet. For the northeast portion of the Feature, this is the only area that exhibits a shallow incision. Down gradient of this point, the Feature consists of a shallow swale or in some areas there is no swale of any sort. This condition extends for approximately 3,100 feet to where the Feature terminates at a concrete box. Vegetation associated with the drainage is described above. In addition to not having a jurisdictional drainage course, the site contains no indicators for the presence of wetland vegetation, soils, or hydrology.

C. Regional Water Quality Control Board Jurisdiction

As noted, the Regional Board exercises broad discretion over “surface waters of the State” such that ephemeral drainages that are not regulated under Section 404, can be regulated by the

Regional Board based on the presence of "Beneficial Uses" within the local Regional Board's Basin Plan.

However, as described above, the area depicted on the 1954 USGS 7.5-minute Oildale Map as a blue-line drainage does not exhibit signs of flow, including ephemeral flow, except for a 125-foot erosional segment in the northernmost portion of the drainage. The Feature does not exhibit any consistent indicators for the presence of an OHWM used to define the geographic extent of streams including an OHWM which is defined at 33 CFR 328.3(c)(4) as:

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

None of these characteristics were present and it can be concluded that the Feature does not meet the definition of a stream and would not be subject to regulation under Section 401 of the CWA or the Porter Cologne Act Waste Discharge Requirements.

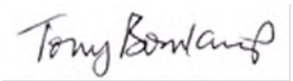
C. CDFW Jurisdiction

Finally, the Feature does not exhibit a 'bed, bank, or channel, consistent with the definition of a stream subject to the Notification Requirements of Section 1602 of the Fish and Game Code. The lack of a stream subject to Section 1602 is reinforced by the lack of any riparian habitat that would otherwise indicate the presence of a stream with either surface or subsurface flow.

If you have any questions about this letter report, please contact Tony Bomkamp at (949) 929-1651.

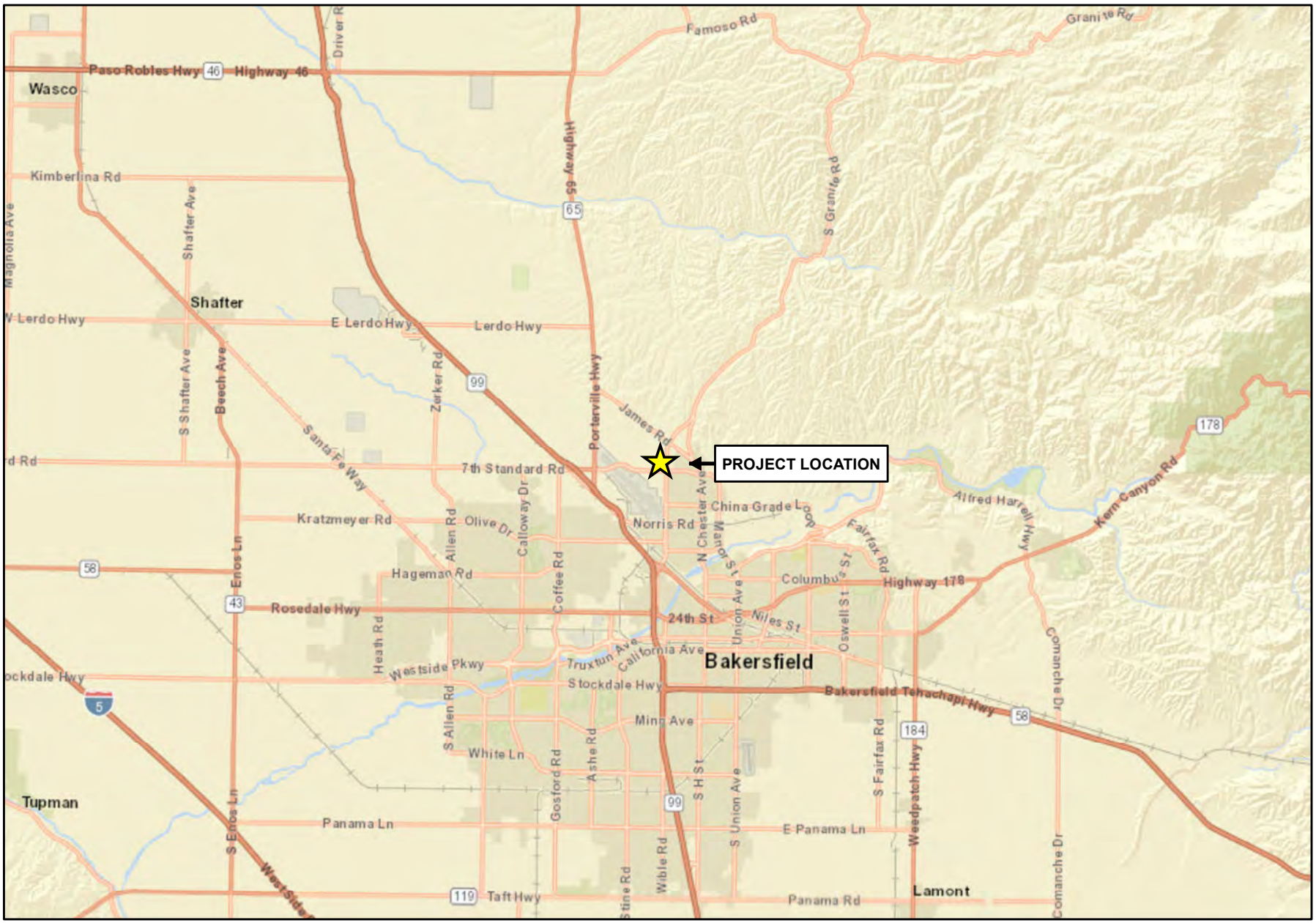
Sincerely,

GLENN LUKOS ASSOCIATES, INC.



Tony Bomkamp
Senior Regulatory Specialist

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Source: ESRI World Street Map

N

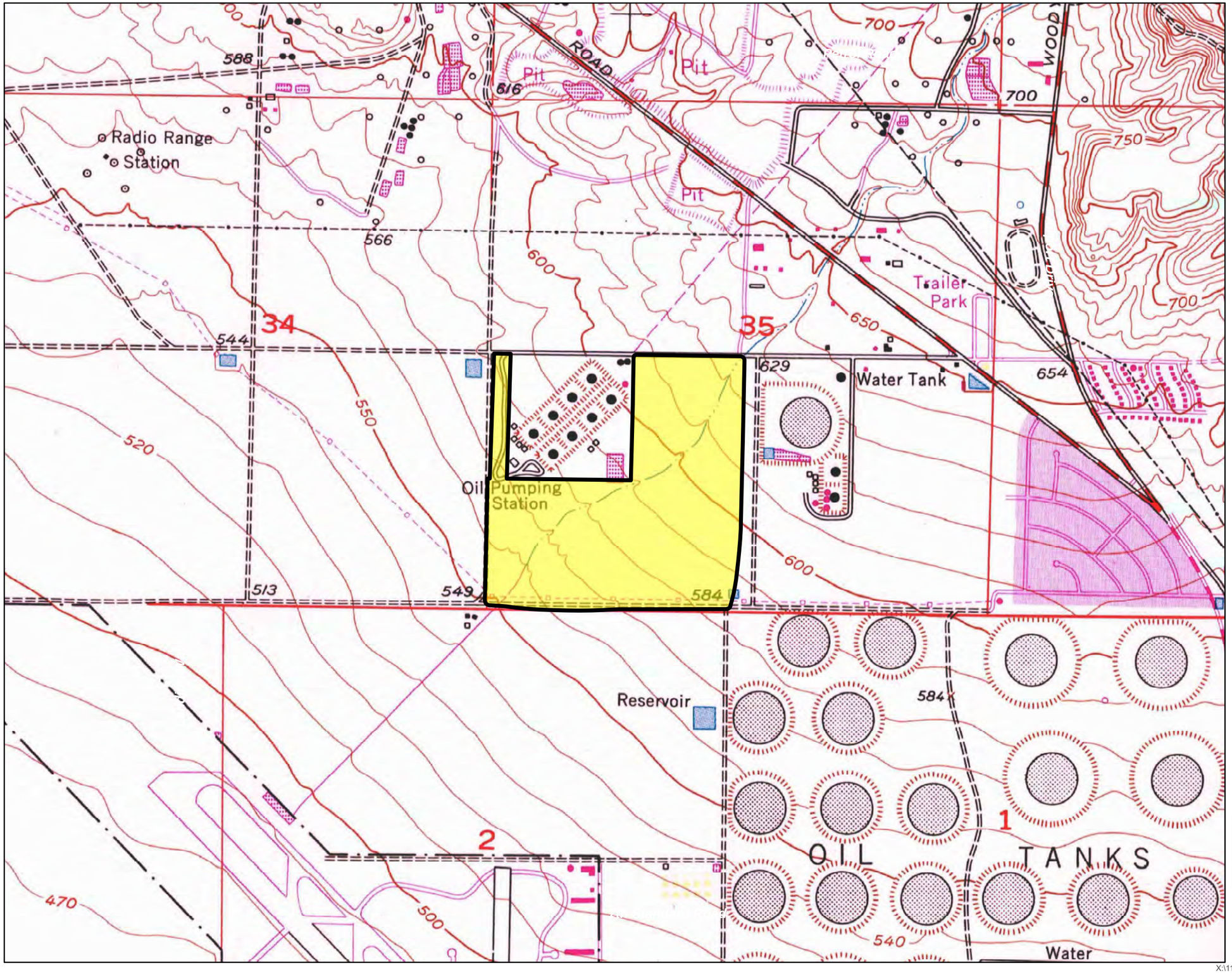
0 2 4 8 Miles

110-ACRE PROPERTY

Regional Map

GLENN LUKOS ASSOCIATES

Exhibit 1



Approximate Project Site

N

0 500 1,000 2,000

Feet

1 inch = 1,000 feet

Coordinate System: State Plane 5 NAD 83
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011
Map Prepared by: B. Gale, GLA
Date Prepared: September 24, 2023

110-ACRE PROPERTY

USGS Topo 1954

GLENN LUKOS ASSOCIATES

Exhibit 2

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Approximate Project Site

N

0 150 300 600

Feet

1 inch = 300 feet

Coordinate System: State Plane 5 NAD 83
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011
Map Prepared by: B. Gale, GLA
Date Prepared: September 24, 2023

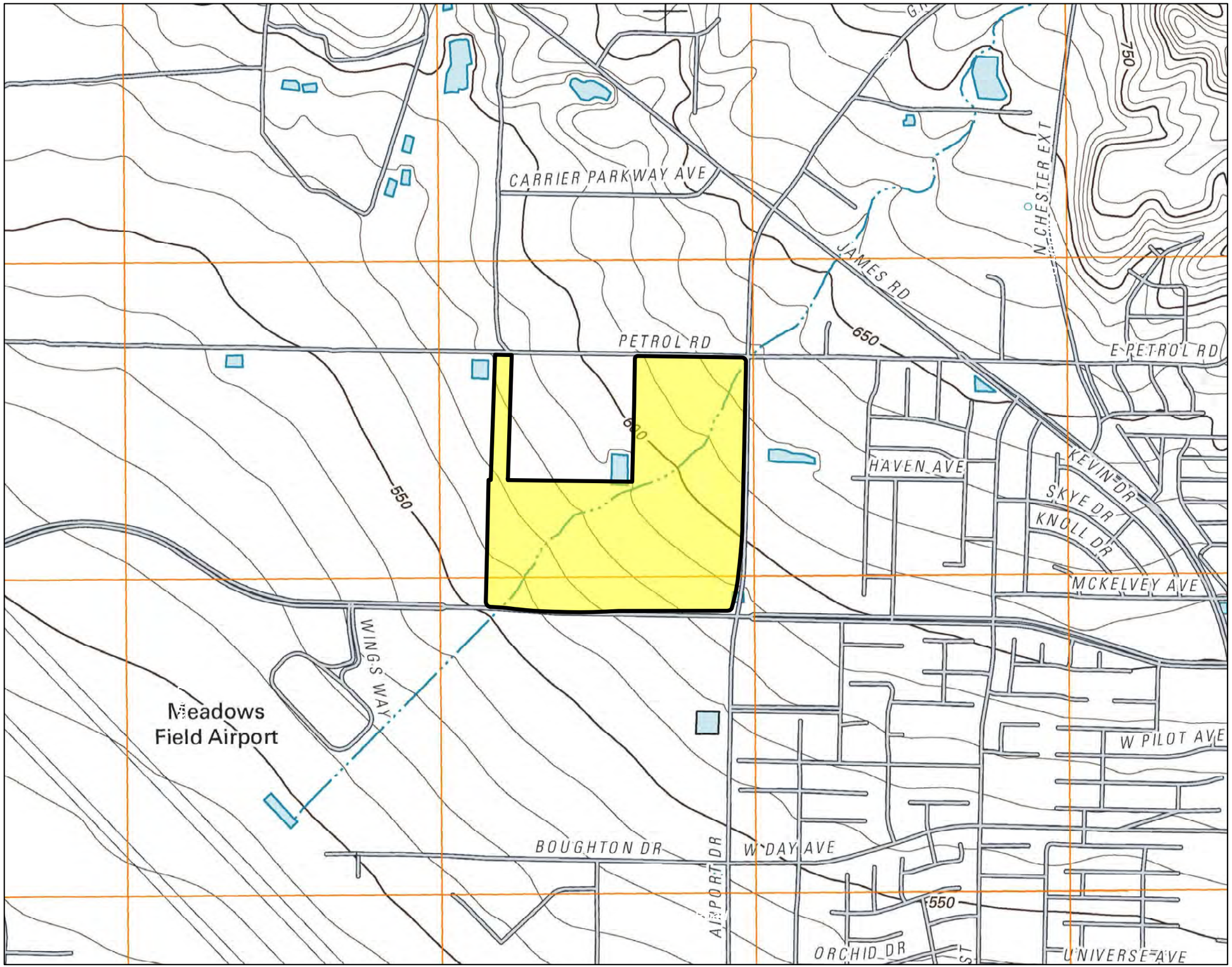
110-ACRE PROPERTY

Aerial Map

GLENN LUKOS ASSOCIATES

Exhibit 3

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Approximate Project Site

N

0 500 1,000 2,000

Feet

1 inch = 1,000 feet

Coordinate System: State Plane 5 NAD 83
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011
Map Prepared by: B. Gale, GLA
Date Prepared: September 24, 2023

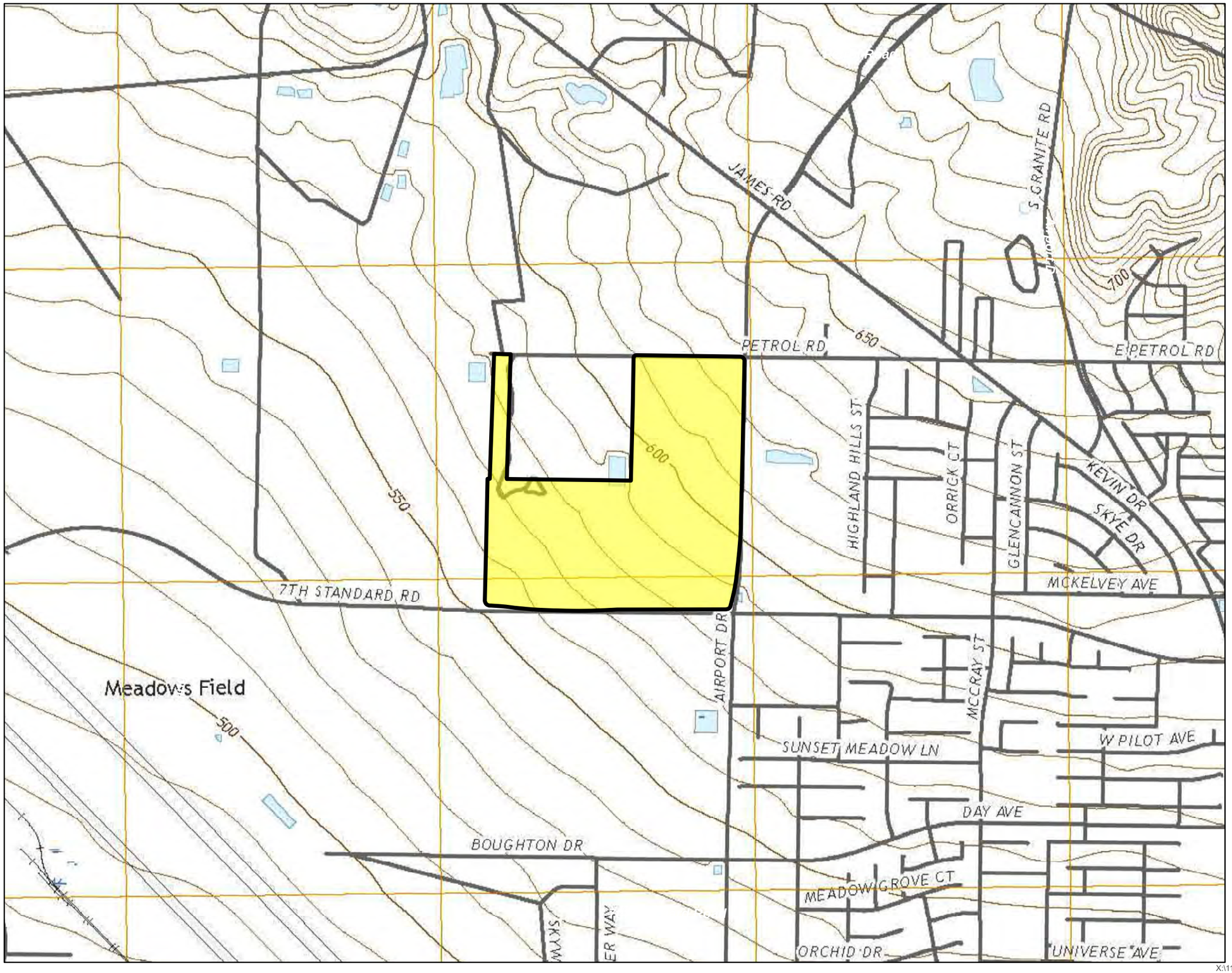
110-ACRE PROPERTY

USGS Topo 2012

GLENN LUKOS ASSOCIATES

Exhibit 3A

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Approximate Project Site

N

0 500 1,000 2,000

Feet

1 inch = 1,000 feet

Coordinate System: State Plane 5 NAD 83
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011
Map Prepared by: B. Gale, GLA
Date Prepared: September 24, 2023

110-ACRE PROPERTY

USGS Topo 2018

GLENN LUKOS ASSOCIATES

Exhibit 3B

X:\1100 AFTER THE REST\1628-01BAKE\GIS\USGSTopo\1628-01_USGSTopo_2018.mxd



Approximate Project Site

Insized Erosional Area

Swale Feature

N

0 150 300 600

Feet

1 inch = 300 feet

Coordinate System: State Plane 5 NAD 83
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011
Map Prepared by: B. Gale, GLA
Date Prepared: September 24, 2023

110-ACRE PROPERTY

Jurisdictional Determination Map

GLENN LUKOS ASSOCIATES

Exhibit 4

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Photograph 1: 48-inch outfall structure at corner of Airport Road and Petrol Road. Note dense vegetation and no signs of flow below outfall.



Photograph 2: View of Feature looking southwest approximately 80-feet below outfall. Note dense upland vegetation including summer mustard and scalebroom with no signs of channel.



Photograph 3: View of Feature looking southwest approximately 200-feet below outall. Note dense upland vegetation including summer mustard and scalebroom with no signs of channel.



Photograph 4: View of Feature looking northeast at area with slight incision which extends for approximately 125 feet before disappearing.

BAKERSFIELD SITE

Site Photographs



Photograph 5: View of Feature looking southwest approximately 1,300-feet below outfall. Note dense upland vegetation including summer mustard and scalebroom with no signs of channel. Scalebroom scrub ends at this point,



Photograph 6: View of Feature looking southwest approximately 1,800-feet below outfall. Note dense upland vegetation including summer mustard and non-native grasses with no signs of channel.



Photograph 7: View of Feature looking southwest approximately 2,500-feet below outfall. Note dense upland vegetation including summer mustard and non-native grasses with no signs of channel.



Photograph 8: View of storm drain inlet at southwest corner of site. Note lack of debris wrack on metal grate indicating complete lack of flow within Featuer.

Appendix D

Jurisdictional Determination

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GLENN LUKOS ASSOCIATES
Regulatory Services

September 25, 2023 [Revised May 12, 2025]

Bryce Holman, Principal
Bakersfield 239, LLC
611 Gateway Blvd, Suite 120
South San Francisco, CA 94080

SUBJECT: Jurisdictional Determination of the Approximately 114.80-Acre Airport Center Industrial Project Located in the City of Bakersfield, Kern County, California

Dear Mr. Holman:

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

The Subject site in Kern County [Exhibit 1] comprises approximately 110 acres and was historically depicted with one blue-line stream as shown on the 1954 U.S. Geological Survey (USGS) 7.5 minute topographic map Oildale, California [Exhibit 2]; however, on the 2012, 2015, and 2018 7.5-minute USGS Oildale Maps, no blue-line drainage is depicted and there is no topography depicted that is consistent with a drainage course on the three recent maps.

On September 11, 2023, a regulatory specialist of Glenn Lukos Associates, Inc. (GLA) examined the Project site to determine presence for any indicators for (1) Corps jurisdiction pursuant to Section 404 of the Clean Water Act (CWA), (2) Regional Board jurisdiction pursuant to Section 401 of the CWA and Section 13260 of the California Water Code (CWC), and (3) CDFW jurisdiction pursuant to Division 2, Chapter 6, Section 1600 of the Fish and Game Code. Enclosed is a 300-scale map [Exhibit 3] that depicts the historic location of the blue-line drainage that was evaluated for Corps, Regional Board and CDFW jurisdiction. Photographs to document the topography, vegetative communities, and general characteristics of the site are provided as Exhibit 4.

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

There is no Corps jurisdiction on the site. The historic blue-line does not exhibit an Ordinary High Water Mark (OHWM) and would not be considered a drainage of any sort. In addition, the Feature would not meet the definition of a "Tributary" of waters identified in paragraph (a)(1) or (2) of the definition for waters of the U.S. that are relatively permanent, standing or continuously flowing bodies of water; or (4) (ii) Relatively permanent, standing or continuously flowing bodies of water identified in paragraph (a)(2) or (a)(3) of the definitions section and with a continuous surface connection to those waters.

There are no wetlands as defined by the *State Board Wetland Definition and Procedures* (see discussion below). There are no areas that meet the definition of a stream on the site. As noted, while the 1954 Oildale 7.5-minute USGS topographic map shows a blue-line drainage traversing the site from the northeast corner to the southwest corner, the 7.5-minute USGS topographic map from 2018 does not show a blue-line drainage. This is consistent with the field observations on September 11, 2023. Thus, there are no drainage courses that would be considered waters of the State subject to the waste discharge requirements of the Porter Cologne Act.

Finally, there are no streams that would be subject to the Notification Requirements of Section 1602 of the California Fish and Game Code. The Feature does not have a bed, bank, or channel that has any indicators for a "stream". There is no riparian habitat consistent with the lack of a stream on the site. As noted above, the most recent USGS 7.5-minute topographic maps for the site do not depict a blue-line drainage which is consistent with the field observations. The site conditions are discussed in more detail in the results section below.

I. METHODOLOGY

Prior to beginning the field delineation, a series of color aerial photographs, a topographic base map of the property, the previously cited USGS topographic maps, and a soils map were examined to determine the locations of potential areas of Corps, Regional Board, and CDFW jurisdiction. Potential jurisdictional areas were field checked during a site visit on September 11, 2023, for evidence of stream activity and/or wetland vegetation, soils, and hydrology. Where applicable, reference was made to the 2008 Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States (OWHM Manual)[2] to identify the width of Corps jurisdiction, and suspected federal wetland habitats on the site were evaluated using the methodology set forth in the U.S. Army Corps of Engineers 1987 Wetland Delineation Manual[3] (Wetland Manual) and the 2008 Regional Supplement to the

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

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

Corps of Engineers Wetland Delineation Manual: Arid West Supplement (Arid West Supplement).[4] Reference was also made to the 2019 State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State (State Board Wetland Definition and Procedures) to identify suspected State wetland habitats.[5] While in the field, the potential indicators of jurisdiction were recorded on a color aerial photograph using visible landmarks.

II. JURISDICTION

A. Army Corps of Engineers

Pursuant to Section 404 of the Clean Water Act, the Corps regulates the discharge of dredged and/or fill material into waters of the United States. The term "waters of the United States" was most recently defined in the Federal Register on September 8, 2023, in the Corps' regulations at 33 CFR Part 328.3(a)[6] as:

(1) Waters which are:
  (i) Currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide;
  (ii) The territorial seas; or
  (iii) Interstate waters, including interstate wetlands;
(2) Impoundments of waters otherwise defined as waters of the United States under this definition, other than impoundments of waters identified under paragraph (a)(5) of this section;
(3) Tributaries of waters identified in paragraphs (a)(1) or (2) of this section:
  (i) That are relatively permanent, standing or continuously flowing bodies of water; or
(4) Wetlands adjacent to the following waters:
  (i) Waters identified in paragraph (a)(1) of this section; or

[4] U.S. Army Corps of Engineers. 2008. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0), ed. J. S. Wakeley, R. W. Lichvar, and C. V. Noble. ERDC/EL TR-08-28. Vicksburg, MS: U.S. Army Engineer Research and Development Center.
[5] State Water Resources Control Board. 2019. State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State.
[6] *Federal Register* / Vol. 88, No. 173 / Friday, September 8, 2023 / Rules and Regulations

(ii) Relatively permanent, standing or continuously flowing bodies of water identified in paragraph (a)(2) or (a)(3)(i) of this section and with a continuous surface connection to those waters; or

(5) Intrastate lakes and ponds, streams, or wetlands not identified in paragraphs (a)(1) through (4) of this section:

That are relatively permanent, standing or continuously flowing bodies of water with a continuous surface connection to the waters identified in paragraph (a)(1) or (a)(3)(i) of this section; or

Corps regulations at 33 CFR Part 328.3(b) exclude the following from being "waters of the United States" even where they otherwise meet the terms of paragraphs (a)(2) through (5) above:

(1) Waste treatment systems, including treatment ponds or lagoons, designed to meet the requirements of the Clean Water Act;

(2) Prior converted cropland designated by the Secretary of Agriculture. The exclusion would cease upon a change of use, which means that the area is no longer available for the production of agricultural commodities. Notwithstanding the determination of an area's status as prior converted cropland by any other Federal agency, for the purposes of the Clean Water Act, the final authority regarding Clean Water Act jurisdiction remains with EPA;

(3) Ditches (including roadside ditches) excavated wholly in and draining only dry land and that do not carry a relatively permanent flow of water;

(4) Artificially irrigated areas that would revert to dry land if the irrigation ceased;

(5) Artificial lakes or ponds created by excavating or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing;

(6) Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating or diking dry land to retain water for primarily aesthetic reasons;

(7) Waterfilled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States; and

(8) Swales and erosional features (e.g., gullies, small washes) characterized by low volume, infrequent, or short duration flow.

In the absence of wetlands, the limits of Corps jurisdiction in non-tidal waters, such as intermittent streams, extend to the OHWM which is defined at 33 CFR 328.3(c)(4) as:

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

"Adjacent wetlands" are defined by 33 CFR 328.3(c)(2) as those wetlands having a continuous surface connection.

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

The term "wetlands" (a subset of "waters of the United States") is defined at 33 CFR 328.3(c)(1) as "areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas." In 1987 the Corps published the Wetland Manual to guide its field personnel in determining jurisdictional wetland boundaries. The methodology set forth in the Wetland Manual and the Arid West Supplement generally require that, in order to be considered a wetland, the vegetation, soils, and hydrology of an area exhibit at least minimal hydric characteristics. While the Wetland Manual and Arid West Supplement provide great detail in methodology and allow for varying special conditions, a wetland should normally meet each of the following three criteria:

- More than 50 percent of the dominant plant species at the site must be hydrophytic in nature as published in the most current national wetland plant list;

- Soils must exhibit physical and/or chemical characteristics indicative of permanent or periodic saturation (e.g., a gleyed color, or mottles with a matrix of low chroma indicating a relatively consistent fluctuation between aerobic and anaerobic conditions); and

- Whereas the Wetland Manual requires that hydrologic characteristics indicate that the ground is saturated to within 12 inches of the surface for at least five percent of the growing season during a normal rainfall year, the Arid West Supplement does not include a quantitative criteria with the exception for areas with "problematic hydrophytic vegetation", which require a minimum of 14 days of ponding to be considered a wetland.

B. Regional Water Quality Control Board

The State Water Resource Control Board and each of its nine Regional Boards regulate the discharge of waste (dredged or fill material) into waters of the United States[7] and waters of the State. Waters of the United States are defined as "any surface water or groundwater, including saline waters, within the boundaries of the state" (California Water Code 13050[e]). Thus, the Regional Board as broad latitude in regulating features such as ephemeral drainages, which would not be regulated by the Corps under Section 404 of the CWA.

Section 401 of the CWA requires certification for any federal permit or license authorizing impacts to waters of the U.S. (i.e., waters that are within federal jurisdiction), such as Section 404 of the CWA and Section 10 of the Safe Rivers and Harbors Act, to ensure that the impacts do not violate state water quality standards. As noted, this site contains no waters of the U.S. and there is no need to obtain a Section 401 Water Quality Certification. When a project could impact waters outside of federal jurisdiction, the Regional Board has the authority under the Porter-Cologne Water Quality Control Act to issue Waste Discharge Requirements (WDRs) to ensure that impacts do not violate state water quality standards. Clean Water Act Section 401 Water Quality Certifications, WDRs, and waivers of WDRs are also referred to as orders or permits.

1. State Wetland Definition

The State Board Wetland Definition and Procedures define an area as wetland as follows: *An area is wetland if, under normal circumstances, (1) the area has continuous or recurrent saturation of the upper substrate caused by groundwater, or shallow surface water* [**this site does not**]*, or both; (2) the duration of such saturation is sufficient to cause anaerobic conditions in the upper substrate; and (3) the area's vegetation is dominated by hydrophytes or the area lacks vegetation* **[the "and" requirement is not met here because there are no hydrophytes in the feature, nor is the feature lacking vegetation; it is vegetated with upland species. Therefore, examination of soils is not required to confirm the absence of state wetlands,**

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

which is confirmed by the absence of a predominance of hydrophytes and wetland hydrology].

As noted, GLA has determined that the site contains no wetlands as defined by the State or under any other regulatory program. For purposes of completeness, the following definition for wetlands defined by the State is set forth below:

1. *Natural wetlands;*
2. *Wetlands created by modification of a surface water of the state;*[8] *and*
3. *Artificial wetlands*[9] *that meet any of the following criteria:*

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

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

x. Treatment, storage, or distribution of recycled water, or
xi. Maximizing groundwater recharge (this does not include wetlands that have incidental groundwater recharge benefits); or

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

C. California Department of Fish and Wildlife

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

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

It is important to note that the Fish and Game Code defines wildlife to include "all wild animals, birds, plants, fish, amphibians, invertebrates, reptiles, and related ecological communities, including the habitat upon which they depend for continued viability" (FGC Division 0.5, Chapter 1, section 89.5). Furthermore, Division 2, Chapter 5, Article 6, Section 1600 et seq. of the California Fish and Game Code does not limit jurisdiction to areas defined by specific flow events, seasonal changes in water flow, or presence/absence of vegetation types or communities.

III. RESULTS

A. Site Description

As noted, one blue-line stream is depicted on the 1954 and 2012 U.S. Geological Survey (USGS) topographic maps Oildale, California [Exhibit 2 and 4] entering the site at the northeast corner and traversing the site diagonally to the southwest corner. However, the 2018 USGS 7.5-minute Oildale Map, shows no blue-line drainage and shows no topography consistent with a drainage course. Because there is no drainage course on the site, for purposes of discussion below, the former blue-line drainage is referred to as the "Feature."

The absence of a stream was confirmed during the September 11, 2023 site visit, which included walking the entire length of the area where the blue-line stream was depicted on the 1954 USGS 7.5-topographic map. The northern approximately 1,165 feet of the Feature exhibits upland vegetation dominated by scalebroom (*Lepidospartum squamatum*, FACU), with understory species including summer mustard (*Hirschfeldia incana*, UPL), horehound (*Marrubium vulgare*, FACU), ripgut brome (*Bromus diandrus*, UPL) and red brome (*Bromus madritensis Rubens*, UPL). A few individuals of cattle spinach (*Atriplex polycarpa*, FACU) were also present in the shrub layer.

Beginning approximately 355 feet south of Petrol Road, the Feature exhibited an erosional cut that was six to 12 inches deep and two- to three-feet-wide that extended for 125 feet before disappearing. This was the only portion of the approximately 3,700-foot segment of the site which showed any signs of erosion. No other signs of flow were detected over the entire length of the Feature.

The lower two-thirds of the Feature supports non-native grasses and forbs including summer mustard (*Hirschfeldia incana*, UPL), horehound (*Marrubium vulgare*, FACU), ripgut (*Bromus diandrus*, UPL), red brome (*Bromus madritensis rubens*, UPL), vinegar weed (*Trichostoma lanceolata*, FACU), twiggy wreath plant (*Stephanomeria virgata*, UPL), and bur ragweed (*Ambrosia acanthicarpa*, UPL). No signs of erosion or any other signs of flow were observed. At the point where the Feature exits the site, a metal grate covers the concrete inlet structure. No debris wrack was observed on the grate, which is a strong indicator that the feature is not a stream conveying discharge. Also, of note, is that the 2022/2023 rainfall year totaled more than double the average, which was followed by tropical storm Hilary, which passed through the Bakersfield area on August 20 and 21, 2023. As noted, there was no evidence of flow during the September 11, 2023 site visit.

Given the predominance of upland vegetation and lack of any indicators for wetland hydrology, GLA determined that examination of the soils was not necessary as there is not potential for wetlands to occur on the site.

B. Corps Jurisdiction

As already described, the Feature originates at the northeast corner of the site near the intersection of Airport Drive and Petrol Road. The Feature extends to the southwest diagonally across the site and exhibits a very limited area with an incised erosional segment of about 125 feet. For the northeast portion of the Feature, this is the only area that exhibits a shallow incision. Down gradient of this point, the Feature consists of a shallow swale or in some areas there is no swale of any sort. This condition extends for approximately 3,100 feet to where the

Feature terminates at a concrete box. Vegetation associated with the drainage is described above. In addition to not having a jurisdictional drainage course, the site contains no indicators for the presence of wetland vegetation, soils, or hydrology.

C. Regional Water Quality Control Board Jurisdiction

As noted, the Regional Board exercises broad discretion over "surface waters of the State" such that ephemeral drainages that are not regulated under Section 404, can be regulated by the Regional Board based on the presence of "Beneficial Uses" within the local Regional Board's Basin Plan.

However, as described above, the area depicted on the 1954 USGS 7.5-minute Oildale Map as a blue-line drainage does not exhibit signs of flow, including ephemeral flow, except for a 125-foot erosional segment in the northernmost portion of the drainage. The Feature does not exhibit any consistent indicators for the presence of an OHWM used to define the geographic extent of streams including an OHWM which is defined at 33 CFR 328.3(c)(4) as:

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

None of these characteristics were present and it can be concluded that the Feature does not meet the definition of a stream and would not be subject to regulation under Section 401 of the CWA or the Porter Cologne Act Waste Discharge Requirements. Also, as noted, the feature is dominated by upland vegetation and exhibits no indicators for wetland hydrology and does not meet the State definition for wetlands.

C. CDFW Jurisdiction

Finally, the Feature does not exhibit a 'bed, bank, or channel, consistent with the definition of a stream subject to the Notification Requirements of Section 1602 of the Fish and Game Code. The lack of a stream subject to Section 1602 is reinforced by the lack of any riparian habitat that would otherwise indicate the presence of a stream with either surface or subsurface flow.

If you have any questions about this letter report, please contact Tony Bomkamp at (949) 929-1651.

Sincerely,

GLENN LUKOS ASSOCIATES, INC.



Tony Bomkamp
Senior Regulatory Specialist

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Appendix E

Phase 1 Cultural Resources Assessment

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FCS
An ADEC Innovation

Final Phase I Cultural Resources Assessment
Airport Commerce Center Industrial Project
Kern County, California

USGS *Oildale, California* 7.5-minute Topographic Quadrangle Map
Township 28 South, Range 27 East, Section 34 and 35
Assessor's Parcel Numbers (APNs) 483-040-29, 483-040-32, 483-040-33, 483-040-42, 483-040-43, 483-040 -45, and 483-040-46

Project Applicant:
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Contact: Bryce Holman, Principal

Prepared by:
FirstCarbon Solutions
7726 N. First Street, #413
Fresno, CA 93720

Report Authored by: Stefanie Griffin, MA
Fieldwork Conducted by Natalie Adame and Samuel Banderas

Report Date: May 20, 2025

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Table of Contents

Management Summary **1**

Section 1: Introduction **3**
1.1 - Project Location 3
1.2 - Project Description 3
1.3 - Assessment Team 3

Section 2: Cultural Setting **11**
2.1 - Prehistoric and Ethnographic Background 11
2.2 - Regional Historic Background 13

Section 3: Results **17**
3.1 - Records Search 17
3.2 - Pedestrian Survey and Buried Site Potential 19

Section 4: Summary and Recommendations **23**
4.1 - Summary 23
4.2 - Recommendations 23
4.3 - Inadvertent Discovery Procedures 24

Section 5: References **27**

Appendix A: Personnel Qualifications

Appendix B: CONFIDENTIAL Southern San Joaquin Valley Information Center Records Search Results

Appendix C: Native American Heritage Commission and Tribal Correspondence

Appendix D: CONFIDENTIAL California Department of Parks and Recreation Form

Appendix E: Pedestrian Survey Photographs

Appendix F: Cultural Resources Regulations and Evaluation Criteria

List of Tables

Table 1: Cultural Resources Within 0.5-mile Radius of the Project Site 17

Table 2: Previous Investigations Within 0.5-mile Radius of the Project Site 17

List of Exhibits

Exhibit 1: Regional Location Map 5

Exhibit 2: Local Vicinity Map, Topographic Base 7

Exhibit 3: Local Vicinity Map, Aerial Base 9

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MANAGEMENT SUMMARY

At the request of ACC Bakersfield JV, LLC (project applicant), FirstCarbon Solutions (FCS) conducted a Phase I Cultural Resources Assessment (Phase I CRA) for the proposed Airport Commerce Center Industrial Project (proposed project) located in unincorporated Kern County, California. The purpose of this assessment is to identify the presence or absence of potentially significant cultural resources within the project site, and if present, propose recommendations for mitigation. Completion of this investigation fulfills the requirements associated with the California Environmental Quality Act (CEQA) Guidelines. This report follows the California Office of Historic Preservation (OHP) procedures for cultural resource surveys and the OHP Archaeological Resource Management Report (ARMR) format for archaeological reports. This report is also intended to fulfill any Kern County cultural resources survey and reporting guidelines.

On August 7, 2023, a records search was conducted at the Southern San Joaquin Valley Information Center (SSJVIC) located at California State University, Bakersfield, for the project site and a 0.50-mile radius beyond the project boundaries. The current inventories of the National Register of Historic Places (NRHP), the California Register of Historical Resources (CRHR), the California Historical Landmarks (CHL) list, the California Points of Historical Interest (CPHI) list, and the California Built Environment Resource Directory (BERD) for Kern County were also reviewed to determine the existence of previously documented local historical resources. The results of the records search indicate that four historic resources have been recorded within 0.5 mile of the project site, three of which are within the project boundaries (P-15-003322, P-15-003323, P-15-009854). In addition, 20 area-specific survey reports are on file within a 0.5-mile radius, and three reports (KE-00413, KE-03663, and KE-05076) entirely address the proposed project site, indicating that it has been previously surveyed for cultural resources.

On July 20, 2023, FCS sent a request to the Native American Heritage Commission (NAHC) in an effort to determine whether any sacred sites are listed on its Sacred Lands File for the project site. A response was received on August 21, 2023, indicating that the Sacred Lands File search is negative for the presence of Native American cultural resources within the immediate project area. The NAHC included a list of four tribal representatives available for consultation. To ensure that all Native American knowledge and concerns over potential Tribal Cultural Resources (TCRs) that may be affected by implementation of the proposed project are addressed, a letter containing project information and requesting additional information was sent to each tribal representative on August 22, 2023. No responses have been received to date.

The project site has been previously surveyed in its entirety as part of “An Archaeological Assessment of 239- acres North of Bakersfield, Kern County, California (KE-00413)” conducted by Capretta Properties Inc. in 1992. The survey resulted in the identification and recordation of three historic resources (P-15-003322, P-15-003323 and P-15-009854). On December 4, 2023, FCS Archaeologists Natalie Adame and Samuel Banderas conducted a pedestrian survey for unrecorded cultural resources within the project site. The survey began on the southeast corner of the proposed project and moved west, using north–south transects spaced at 15-meter intervals. All accessible

areas of the project site were closely inspected for culturally modified soils or other indicators of potential historic or prehistoric resources. Aside from the western boundary, which is used as access points to private property, the entirety of the project site had been recently tilled, and visibility of exposed soil was 100 percent and consisted of yellowish-brown silty sand with rounded and subangular boulders ranging from small to medium. There is a spillway channel diagonally transversing the entirety of the proposed project. The spillway channel contained recently dumped modern refuse scatter, in addition to debris from a controlled burn. Resource P-15-003323 was the only previously recorded resource that still remains, albeit it is now mixed with some modern refuse scatter and has been spread out due to the tilling. Resources P-15-009854 and P-15-003322 were not located during the survey. A previously unrecorded historic resource was identified near resource P-15-009854 . No additional historic or prehistoric archaeological resources were found over the course of the pedestrian survey. The previously unrecorded historic resource is not eligible for inclusion in the CRHR, CHL list, and CPHI list due to the location of the resource within the project site, thus lacking depositional integrity[1].

Based on the results of the records searches, archival research, tribal correspondence, and the pedestrian survey, FCS considers the potential for the proposed project to have a significant adverse impact on unidentified historic or prehistoric cultural resources to be moderate. The results from the NAHC Sacred Lands File search were negative for the presence of TCRs in the project site. Although three previously recorded historic resources are within the project boundaries and an unrecorded historic resource was discovered during the pedestrian survey, all these resources appear to be ineligible for the CRHR and the NRHP listing. However, the presence of these historic resources, coupled with the proximity of Kern River to project site, indicates that undiscovered cultural resources may be encountered and impacted by construction activities.

For this reason, FCS therefore recommends that all construction personnel directly involved with project-related ground disturbance attend a “tailgate” Worker Environmental Awareness Program (WEAP) training for archaeological resources. The training should include visual aids, a discussion of applicable laws and statutes relating to archaeological resources, types of resources that may be found within the project site, and procedures to be followed in the event such resources are encountered. The training should be conducted by an Archaeologist who meets the Secretary of the Interior’s Professional Qualification Standards for archaeology. FCS recommends that a qualified Archaeologist who meets the Secretary of Interior’s Professional Qualification Standards for Archaeology be present to monitor during the clearing and grubbing phases of ground disturbance to check for the inadvertent exposure of cultural materials. In the event exposed soils indicate cultural materials may be present, this may be followed by regular or periodic archaeological monitoring as determined by the Archaeologist, but full-time archaeological monitoring is not recommended at this time. In addition, standard procedures for the inadvertent discovery of human remains or cultural resources should be followed and are included in this report.

[1] Details pertaining to the nature and location of these resources have been omitted from this pubic facing document pursuant to the Public Records Act (California Code of Regulations [CCR] § 15120(d); *Clover Valley Foundation v. City of Rocklin*, 2011: 197, 200, 220). An unredacted version of this report is available to qualified individuals via the Lead Agency upon request.

SECTION 1: INTRODUCTION

1.1 - Project Location

The 110.05-acre project site is located in unincorporated Kern County, California (Exhibit 1). The project site is located on the *Oildale, California* United States Geological Survey (USGS) 7.5-minute Topographic Quadrangle Map, Township 28 South, Range 27 East, Section 34 and 35 (Exhibit 2). The project site corresponds to Assessor's Parcel Numbers (APNs) 483-040-29, 483-040-32, 483-040-33, 483-040-42, 483-040-43, 483-040 -45, and 483-040-46. The site is located north of Merle Haggard Drive and south of Petrol Road and between Landings Way and Airport Drive (Exhibit 3).

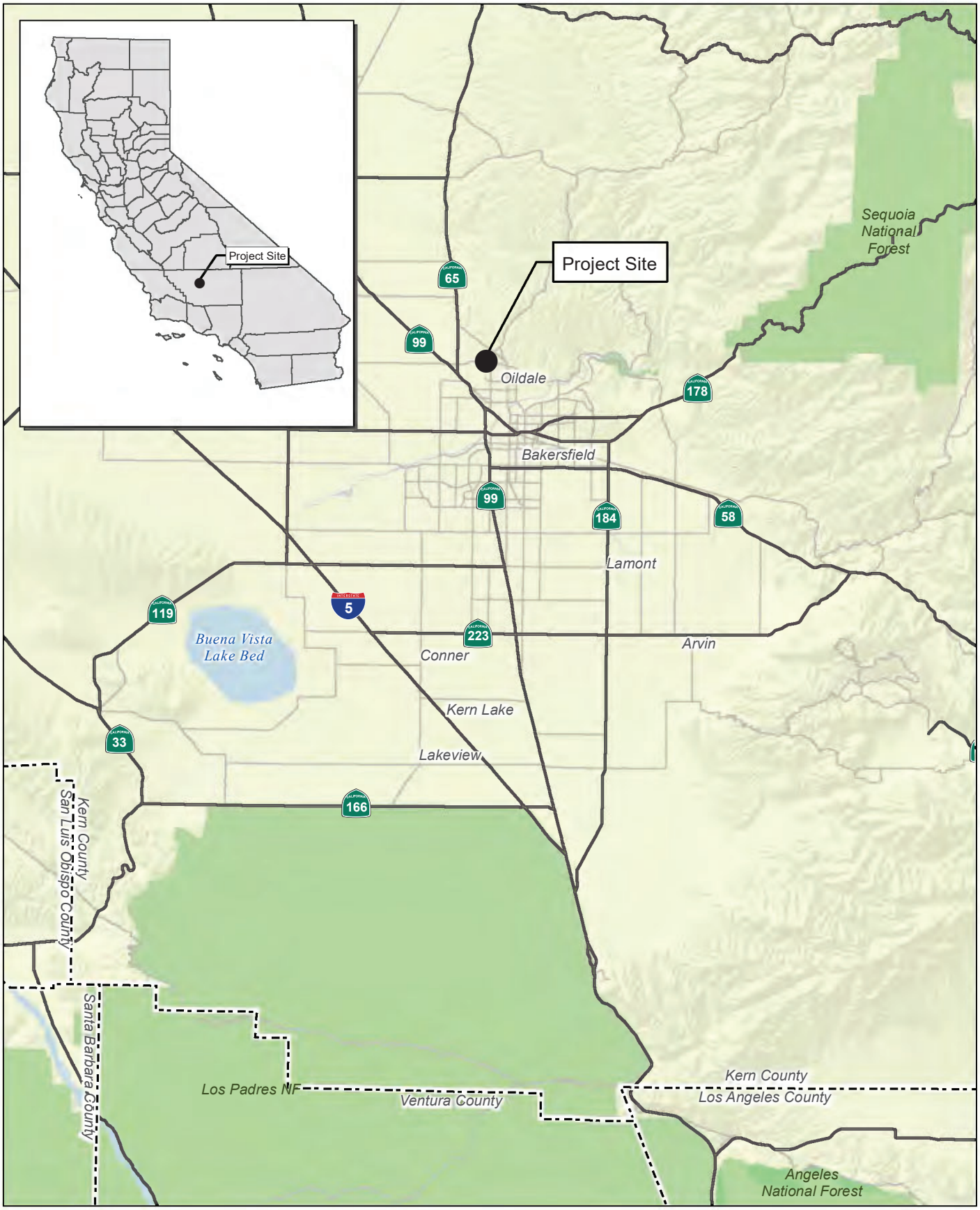
1.2 - Project Description

The project applicant proposes to develop four single-story industrial warehouse and office space buildings totaling 1,505,440 square feet with 1,354,896 square feet of warehouse space and 150,544 square feet of office space along with two retail buildings totaling 9,410 square feet. Building 1 would have a footprint of 257,580 square feet with 25,758 square feet of office space, 43 dock-high doors, two grade-level doors, and 252 parking stalls (inclusive of seven accessible stalls). Building 2 would have a footprint of 192,780 square feet with 19,278 square feet of office space, 43 dock-high doors, two grade-level doors, and 140 parking stalls (inclusive of five accessible stalls). Building 3 would have a footprint of 180,360 square feet with 18,036 square feet of office space, 18 dock-high doors, two grade-level doors, 137 parking stalls (inclusive of five accessible stalls), and 89 trailer stalls. Building 4 would have a footprint of 874,720 square feet with 87,472 square feet of office space, 151 dock-high doors, four grade-level doors, 658 parking stalls (inclusive of 13 accessible stalls), and 283 trailer stalls. The proposed project also includes two Retail Pads located at the southeast corner of the site. Retail Pad 1 would be 1.65 acres in size and would include a building with a footprint of 5,570 square feet with 75 parking stalls. Retail Pad 2 would be 1-acre in size and include a building with a footprint of 3,840 square feet with 58 parking stalls. The proposed project would also include a trailer yard with 72 additional trailer stalls along the northwest border of the site.

1.3 - Assessment Team

FCS Senior Archaeologist, Stefanie Griffin, MA, RPA authored this report. FCS Archaeological Field Supervisor, Natalie Adame, and FCS Archaeological Field Technician Samuel Banderas conducted the pedestrian survey. Professional qualifications for Ms. Griffin, Ms. Adame, and Mr. Banderas can be found in Appendix A.

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Source: Census 2000 Data, The California Spatial Information Library (CaSIL).

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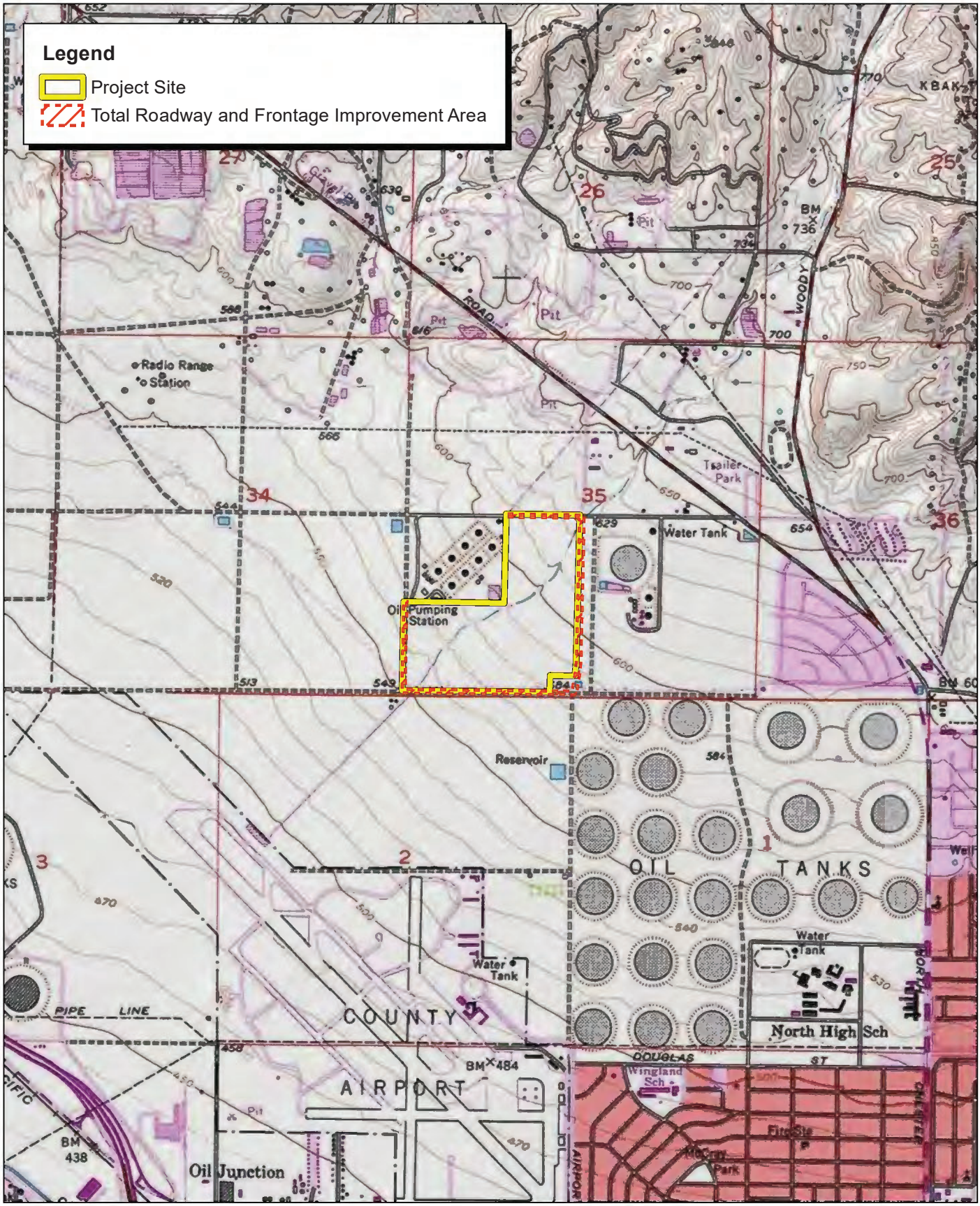
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Exhibit 1
Regional Location Map

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ACC BAKERSFIELD JV, LLC
AIRPORT COMMERCE CENTER INDUSTRIAL PROJECT
PHASE I CULTURAL RESOURCES ASSESSMENT

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Project Site Source: USGS Oildale 7.5' Quadrangle / T28S, R27E, sec 34, 35; T29S, R27E, sec 2.

FIRSTCARBON SOLUTIONS™

2,000 1,000 0 2,000 Feet

Exhibit 2
Local Vicinity Map Topographic Base

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Source: Bing Aerial Imagery. New Gen Engineering Group, Inc. dba McIntosh & Associates, 02/12/2025.

FIRSTCARBON SOLUTIONS™

2,000 1,000 0 2,000 Feet

Exhibit 3
Local Vicinity Map Aerial Base

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ACC BAKERSFIELD JV, LLC
AIRPORT COMMERCE CENTER INDUSTRIAL PROJECT
PHASE I CULTURAL RESOURCES ASSESSMENT

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SECTION 2: CULTURAL SETTING

The following is a brief overview of the prehistoric and historic background of the general area, which provides context to understand the relevance of resources found in the general project area. This section is not intended to be a comprehensive review of the current resources available; rather, it serves as a general overview.

Further details can be found in the ethnographic studies, mission records, and major published sources, including Beardsley (1948 and 1954), Bennyhoff (1950), Fredrickson (1973), Kroeber (1925), Moratto (1984), Chartkoff and Chartkoff (1984), Heizer (ed. 1978), and Jones and Klar (2007).

2.1 - Prehistoric and Ethnographic Background

Early archaeological investigations in the San Joaquin Valley of California have primarily been conducted at sites located in the Buena Vista and Tulare Lakes regions. These investigations of the artifacts of the San Joaquin Valley's prehistoric cultural groups have revealed a complex history of cultural change that has occurred over time. Through these studies, a cultural chronological framework encompassing three basic periods has been developed. These patterns include:

- Early Period (12,000 Before Present [BP] to 8000 BP)
- Middle Period (8000 BP to 2500 BP)
- Late Period (2500 BP to Ethnohistoric Present)

Brief descriptions of these temporal ranges and their unique characteristics follow.

2.1.1 - Early Period (12,000 BP to 8000 BP)

Archaeological sites from the Early Period are not very well represented in the southern San Joaquin Valley, partially due to periodic episodes of erosion and deposition that have removed or buried large segments of the Early Period landscape. Currently, the earliest evidence of human occupation in the region comes from fluted and basally thinned projectile points in the Tulare Lake basin at the Witt site (KIN-32). Hundreds of Late Pleistocene concave base points have been discovered from human occupation along the remnant shoreline of Tulare Lake in southern Kings County. Artifacts from this site include Clovis-like projectile points made of chert, chipped crescents, various scrapers, and other stone tools associated with the Fluted Point and/or Western Pluvial Lakes tradition. The Witt site also contained faunal bones from horse, bison, ground sloth, and the tusk of a mammoth or mastodon (Greenwood and Associates 2012). The bones, including some human bone, have been radiocarbon dated to 11,000 to 13,000 BP (Rosenthal et al. 2007).

2.1.2 - Middle Period (8000 BP to 2500 BP)

The Middle Period is characterized by an increase in Groundstone tools, including metates and manos. Middle Period site deposits include an abundance of expedient cobble-based pounding, chopping, scraping, and mulling tools, which reflect an increased dependence on vegetative foods that require processing. Archaeobotanical assemblages from foothill sites confirm that acorn and

pine nuts were targeted food plants (Jones and Klar 2007; Rosenthal et al. 2007). However, the lithic technology remained relatively unchanged from the Early Period, in which stone tools were very similar to the Western Pluvial Lakes Tradition (Greenwood and Associates 2012).

2.1.3 - Late Period (2500 BP to Ethnohistoric Present)

The beginning of the Late Period corresponds with the onset of the Late Holocene environmental conditions, marked by an abrupt turn to cooler, wetter, and a more stable climate. Lakes that had dried or diminished during the later parts of the Middle Period returned to higher levels. Cultural diversity was more pronounced marked by artifact styles, contrasting burial positions, and other elements of material culture. People were buried in flexed positions more frequently, and burial goods were more numerous than those from the Middle Period (Rosenthal et al. 2007). Both the Olivella shell bead and bow-and-arrow technology made their first appearance in the area. There was also a greater reliance on ground stone tools, indicating an increased dependence on nuts, seeds, and acorns. Villages and smaller residential communities developed along the many streams of the foothills and along the river channels and sloughs of the valley bottom. Occupation sites were also larger, reflecting semi-sedentism (Greenwood and Associates 2012).

2.1.4 - Southern Valley Yokuts

At the time of European contact, most of the San Joaquin Valley and the foothills of the western slope of the Sierra Nevada were occupied by 40 or so groups classified together as the Yokuts (Silverstein 1978) with a Foothills division and a Valley division of language dialects. The Yokuts were recognized as having three major subgroups: the Northern Valley, the Foothill, and the Southern Valley. Each of these ethnolinguistic groups was composed of autonomous, culturally, and linguistically related tribes or tribelets. Ethnographic evidence suggests Kern County is located in the Southern Valley Yokuts territory. The Southern Valley Yokuts were divided into true tribes, with individual tribelets having their own name, dialect, and territory and there is no evidence to suggest that they practiced any formal religion (Gayton 1948).

Alfred Kroeber divided a Yokuts classification system into Valley Divisions and Foothill Divisions based on ethnographic lines, geographic habitat, and dialect (Kroeber 1925). Here, the Foothill Division's worldview and economy were influenced more by their Shoshonean neighbors than the Valley Division Yokuts. Later, William Wallace divided the Yokuts into three subgroups, Southern Valley, Northern Valley, and Foothill, and shifted the known tribelets among these divisions (Wallace 1978). The following is a review of ethnographic information associated with the Southern Valley Yokuts. The Southern Valley Yokuts occupied a rich environment with abundant water resources from the nearby sloughs, lake basins, and river systems. Swamps and tule marshes surrounded the waterways and teemed with wildlife, including aquatic mammals, fish, and waterfowl. Adjacent grasslands provided food for herds of elk, antelope, and (in the winter) deer. The regional flora was equally, if not more, diverse and was used as a main staple of the Yokuts diet. The Southern Valley Yokuts dietary base relied on a mixed strategy of fishing, waterfowl hunting, shellfish, and plant collecting, with less emphasis on large-game hunting. Important vegetal resources included cattail roots, grasses, nuts, seeds, tule, and bulbs. The resource-rich environment allowed for permanent village sites, which typically were occupied throughout the year.

2.2 - Regional Historic Background

2.2.1 - The Spanish Period (1769-1821)

The formalization of Spanish routes in California were established by Father Junípero Serra and Gaspar de Portolà in 1769, in what was known as the Portolà Expedition. Although the Portolà party were not the first Europeans nor the first people to pass through the region, it was their observations and discoveries that formalized the routes and locations of the Mission System and facilitate trade and travel through California (Farquhar 1928). The route used by Portolà was further explored in detail by Lieutenant Colonel Juan Bautista de Anza and Father Pedro Font during the Anza Expedition that lasted from 1775-1776. The Anza Expedition was considered pivotal as it helped establish practical relationships with the natives, who at the time were revolting in San Diego, and help further explore and map Monterey and the San Francisco Bay Area (Hyslop 2019).

The first Europeans to pass through the region were Spanish military commander Don Pedro Fages and Father Francisco Garces. Fages first passed through the area in 1771, in an attempt to recover several soldiers that had abandoned their garrison in San Diego. Fages is credited with discovering El Cajon Pass and traveled through the Mojave Desert (Lech 2012). Father Francisco Garces first entered present day San Bernardino in 1773 accompanying the Spanish explorer Juan Batista de Anza in expedition to find a safer route via land from Mexico to Alta California by way of the Colorado River. Father Garces joined de Anza on his first expedition from Sonora to San Gabriel, however, they split during the second trip with Father Garces deciding to stay behind and explore what would eventually become San Bernardino County (Beattie 1923). Father Garces help further establish the trail that was used by de Anza, which in time proved to be pivotal for transportation of goods from Sonora, Mexico to Mission San Gabriel. The trail grew and several small missions and small towns were erected, one of which was Politana, named after Hipolito, the Native American who was put in charge of the town. The trail remained continuously in use until 1781, when a massacre of 50 people in Yuma, including Father Garces, halted the use of the trail for a few years (Brown and Boyd 1922; Beattie 1923).

The region that would become San Joaquin Valley was periodically visited by Franciscan friars, scouting the area for mission sites, but it was not until a military expedition led by Gabriel Moraga in September and October of 1806 that exploration of documentation of the region materialized. The expedition started in San Juan Bautista and to the San Joaquin Plain. Once there, Moraga traversed several tributaries that flow to the San Joaquin River and discovered and named the Merced River. Moraga additionally came upon the Tuolumne, Stanislaus, and Mokelumne Rivers. Moraga's Expedition took him from the foot of the Sierras and the Rancherias between Kings River and Kern River. In 1808, Moraga traveled to Stockton and headed east to scouting sites for future missions. Moraga's discoveries and mapping of the region contributed to the knowledge of the geography and ethnography of the area. This information served pivotal to Father Narciso Duran, Father Ramón Abella and Lieutenant Luis Antonio Argüello, who followed the San Joaquin River at least as far as the Stockton Channel in 1817, meticulously mapping the area for future mission establishments (Kyle 2002; Farquhar 1928). The diary kept by Father Duran helped illustrate how the region appeared prior to colonization as well as initial contact with the Yokut people.

2.2.2 - The Mexican Period (1821-1848)

In 1821, Mexico overthrew Spanish rule and the monopoly that the missions had in the area began to decline. By 1833, the Mexican government passed the Secularization Act, and the missions, reorganized as parish churches and lost their vast land holdings. Following the Secularization Act, the Mexican government initially planned on redistributing the land to the Native Americans, however, they were instead redistributed to prominent citizens. The last of the mission land holdings were relinquished in 1845, which led the way for the large ranchos common to California in the mid-1800s.

California experienced a period of success with the establishment of the Ranchos, adopting the Spanish ranching traditions and focusing on the herding of cattle as well as adapting to the market trends of the time that included the trade of fur and pelts, however, the constant threat of Russian invasion, the illegal squatting of American immigrants and a growing threat of rebellion from the mission Indians prevented the region from achieving socio-political stability (Beck and Williams 1972). The growing tensions between Mexicans and American settlers led to the Bear Flag Revolt of 1846 led by U.S. Army Captain John C. Fremont and Ezekiel Merritt against Mexican General Mariano Vallejo who was attempting to bring aid to the Mexican governor of California in an attempt to suppress the growing wave of support for an American coup of California (National Park Service 2015). The rebellion concluded with the takeover of Sonoma, thus weakening the little control that Mexico had over Alta California and paving the way for the United States to seize control of the Pacific Coast shortly thereafter (National Park Service 2015).

By 1846, on the eve of the U.S.-Mexican War (1846 to 1848), the estimated population of California was 8,000 non-natives and 10,000 Native Americans. However, these estimates have been debated. Cook suggests the Native American population was 100,000 in 1850; the U.S. Census of 1880 reports the Native American population as 20,385 (Cook 1976).

2.2.3 - Kern County

Kern County, located in the San Joaquin Valley, was incorporated on April 2, 1866, when parts of Los Angeles and Tulare counties were split due to the population growth in those communities. The county was named after the Kern River which flows throughout the area. Gold was discovered in 1864, and a town named Havilah was established. Ashbury Harpending, also known as “The Father of Kern County,” founded the town which is 8 miles south of what is now Bodfish (Brewer 2001). By 1866, Havilah was a booming town of mines, stamp mills, 13 saloons, the first county hospital, and the school district was established, as well as the first newspaper, the Havilah Courier, began publication. Havilah was the first county seat from 1866 to 1874, and eventually the governmental seat was moved to Bakersfield in February of 1874. Michael Erskine, Danial W. Walser, John M. Brite, Eli Smith, and Thomas Baker (Commission Chair) were appointed by the State Legislature as the Commission to organize the county. The Commission experienced difficulties in the first year as a result of misrepresentation of outlying areas within the county. However, the following year saw improvements as a result of the transportation system, Baker Toll Road, making its way up the hills between Bena and Walker Basin (Brewer 2001).

On April 26, 1875, Southern Pacific Railroad completed its construction of railroad tracks located east of the town of Caliente. By July 10, 1876, the railroad line that passes through the Tehachapi Mountains was completed (Brewer 2001). By 1890, a plant built by the Bakersfield Gas Company produced the first electric lighting in Bakersfield. Construction began for the first oil pipeline in the county in January 1901 and was completed in 1902. The pipeline extended from Kern River field, which is north of Bakersfield, to Point Richmond near the San Francisco Bay.

On June 5, 1917, Kern County was the first place where draft registration for World War I ensued, and where 7,150 men were enlisted in one day. The draftees left Kern County for duty on September 9, 1917. From the 1920s to 1940, Kern County experienced several changes such as the founding of the Kern County Woolgrower's Association, the construction of the first steel derrick used for oil drilling, the 1933 cotton picker strike in the San Joaquin Valley, and the Dust Bowl migration (1935 to 1940) brought many to people to Kern County (City of Bakersfield 2021).

February and March 1942, Japanese Americans of Kern County were rounded up and placed in internment camps shortly after the bombing at Pearl Harbor. The internment camps were located at DiGiorgio farms at Arvin and Delano. In 1945, during World War II, German and Japanese prisoners were interned at camps near Shafter and Lamont to work on area farms. Post-war, Kern County experienced a major earthquake in August 1952, and the Isabella Dam was completed in 1953. The Delano Grape Strike of September 1965 originated with members of the Agricultural Workers Organizing Committee and then was joined by the National Farmworkers Association led by Cesar Chavez, Richard Chavez, and Dolores Huerta. The strikers were demanding equal wages equivalent to the federal minimum wage. The two groups joined together to form the United Farm Workers of America, and the strike/boycott lasted for more than 5 years (City of Bakersfield 2021).

In the mid-1990s, the first African American woman, Irma Carson, was elected to the Bakersfield City Council; the 2000s saw the crash of the housing market that tripled the rate of foreclosures; and the 2010s saw layoffs due to low oil prices, which hit the County's economy.

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SECTION 3: RESULTS

3.1 - Records Search

3.1.1 - Southern San Joaquin Valley Information Center Records Search

On August 7, 2023, a records search for the project site and a 0.5-mile radius beyond the project boundaries was conducted at the SSJVIC located at California State University, Bakersfield. The current inventories of the NRHP, the CRHR, the CHL list, the CPHI list, and the California BERD for Kern County were also reviewed to determine the existence of previously documented local historical resources.

The results of the records search indicate that four historic resources have been recorded within 0.5-mile of the project site, three of which are within the project boundaries (P-15-003322, P-15-003323, P-15-009854) (Table 1). In addition, 20 area-specific survey reports are on file within a 0.5-mile radius, and three reports (KE-00413, KE-03663, and KE-05076) entirely address the proposed project site, indicating that it has been previously surveyed for cultural resources (Table 2). SSJVIC record search results can be found in Confidential Appendix B[2].

Table 1: Cultural Resources Within 0.5-mile Radius of the Project Site

Resource No.	Resource Description	Date Recorded
P-15-003322	**CA-KER-003322H, 92-39-2**	**1992**
P-15-003323	**CA-KER-003323H, 92-39-1**	**1992**
P-15-009854	**92-39-IF-1**	**1992**
P-15-018737	CA-KER-010205H, Highland Knolls 1	2015
Source: Southern San Joaquin Valley Information Center (SSJVIC) Records Search August 7, 2023. Resources listed in **Bold** are within the project site		

Table 2: Previous Investigations Within 0.5-mile Radius of the Project Site

Report No.	Report Title/Project Focus	Author	Date
KE-00263	Archaeological Reconnaissance of the Kern River Cogeneration Plant Gas and Electricity Pipeline Routes, Kern County, California	Suzanne Baker	1981
KE-00413	**An Archaeological Assessment of 239 Acres North of Bakersfield, Kern County, California**	**Juanita Garcia**	**1992**
KE-00668	Cultural Resources Study of the Proposed Gasline 375 Extension, Kern County, California	Michael J. Moratto	1989

[2] Details pertaining to the nature and location of these resources have been omitted from this pubic facing document pursuant to the Public Records Act (California Code of Regulations [CCR] § 15120(d); *Clover Valley Foundation v. City of Rocklin*, 2011: 197, 200, 220). An unredacted version of this report is available to qualified individuals via the Lead Agency upon request.

Report No.	Report Title/Project Focus	Author	Date
KE-01666	Historic Property Survey Report for Bakersfield for Glenville Road–James Road to Airport Drive to 4.0 Miles North	Fred Kloepper	1983
KE-01668	Archaeological Investigation of the James Road to Bakersfield-Glennville, New Alignment North of Oildale, Kern County, California	Jim Uli and Robert A. Schiffman	1983
KE-02056	Cultural Resource Survey for the Selma to Bakersfield Fiberoptic Line, Southern San Joaquin Valley, California	Brian Wickstrom and Emily Anderson	1997
KE-02430	Letter Report: An Archaeological Survey Along 7th Standard Road Between North Chester and Airport Road	Scott M. Hudlow	2000
KE-02699	Negative Archaeological Survey Report: 06-KER-Seventh Standard Road, Project S196SF	James J. Schmidt	2002
KE-03222	Cultural Resource Survey for a 116.32 Acre Parcel, Parcel Map No. 11501, at the Intersection of Petrol Road and Airport Drive in Northwest Bakersfield, Kern County, California	Robert A. Schiffman and Alan P. Gold	2006
KE-03663	**A Cultural Resources Assessment of a 150 Acre Parcel Located North of Bakersfield, Kern County, California**	**Catherine Lewis Pruett**	**2007**
KE-03675	A Phase I Cultural Resource Survey for Kern County Airports, Solar Initiative, Bakersfield, Kern County, California	Scott Hudlow	2009
KE-03757	A Phase I Cultural Resource Survey for Kern County Airports, Parcel Purchase Program, Bakersfield, Kern County, California	Scott M. Hudlow	2010
KE-04063	Archaeological Survey Report Improvements to Airport Drive from Skyway Drive to Merle Haggard Drive (approximately 1-mile), Kern County, California	John F. Romani	2011
KE-04064	Archaeological Survey Report Improvements to Merle Haggard Drive from Wings Way to Airport Drive (approximately 0.8-mile), Kern County, California	John F. Romani	2011
KE-04192	Addendum to Archaeological Survey Report for Improvements to Merle Haggard Drive from Wings Way to Airport Drive, Kern County, California	Gwen R. Romani	2012
KE-04204	Records Search and Site Visit Results for the Proposed AT&T Site VN0056-01 (North Highland Park), located at 4000 Rio Del Norte Street, Bakersfield, Kern County, California	Wayne H. Bonner	2009

Report No.	Report Title/Project Focus	Author	Date
KE-04753	Cultural Resources Survey Highland Knolls/Ensite #25063 (312675) 1200 James Road, Bakersfield, Kern County, California	James Dietterich, Virginia Clifton, Andrea Fink, and Karen Hutchins-Keim	2015
KE-04766	A Phase I Cultural Resource Survey for Silver Wings Development, Merle Haggard and Airport Drives, Bakersfield, Kern County, California	Scott Hudlow	2015
KE-05076	**A Phase I Cultural Resource Survey, APN 483-010-29, North of Merle Haggard Drive and East of Wings Way, Kern County, California**	**Scott M. Hudlow**	**2018**
KE-05152	Phase I Survey, Logistics Landing Project, Bakersfield, Kern County, California	Peter A. Carey and Whitley, David S.	2019
Source: Southern San Joaquin Valley Information Center (SSJVIC) Records Search August 7, 2023. Reports listed in **Bold** are within the project site.			

3.1.2 - Historical Aerials

A review of 14 historic aerial photographs from 1952 to 2020 indicate that from the earliest aerial in 1952 until the present, the project site has never been developed (Historic Aerials 2022).

3.1.3 - Native American Heritage Commission Record Search

On July 20, 2023, FCS sent a request to the NAHC in an effort to determine whether any sacred sites are listed on its Sacred Lands File for the project site. A response was received on August 21, 2023, indicating that the Sacred Lands File search is negative for the presence of Native American cultural resources within the immediate project area. The NAHC included a list of four tribal representatives available for consultation. To ensure that all Native American knowledge and concerns over potential TCRs that may be affected by implementation of the proposed project are addressed, a letter containing project information and requesting additional information was sent to each tribal representative on August 22, 2023. No responses have been received to date. Correspondence related to the NAHC record searches and tribal representatives can be found in Appendix C.

3.2 - Pedestrian Survey and Buried Site Potential

3.2.1 - Pedestrian Survey

The project site has been previously surveyed in its entirety as part of “An Archaeological Assessment of 239- acres North of Bakersfield, Kern County, California (KE-00413)” conducted by Capretta Properties Inc. in 1992. The survey resulted in the identification and recordation of three historic resources (P-15-003322, P-15-003323 and P-15-009854). On December 4, 2023, FCS Archaeologist’s Natalie Adame and Samuel Banderas conducted a pedestrian survey for unrecorded cultural resources within the project site. The project site has been previously surveyed in its entirety in 1992 by Capretta Properties Inc., in addition to the recordation of three historic resources (P-15-003322, P-15-003323 and P-15-009854). The survey began on the southeast corner of the proposed project and moved west, using north–south transects spaced at 15-meter intervals. All accessible

areas of the project site were closely inspected for culturally modified soils or other indicators of potential historic or prehistoric resources. Aside from the western boundary, which is used as access points to private property, the entirety of the project site had been recently tilled, and visibility of exposed soil was 100 percent and consisted of yellowish-brown silty sand with rounded and subangular boulders ranging from small to medium. There is a spillway channel diagonally transversing the entirety of the proposed project. The spillway channel contained recently dumped modern refuse scatter, in addition to debris from a controlled burn. Resource P-15-003323 was the only previously recorded resource that still remains, albeit it is now mixed with some modern refuse scatter and has been spread out due to the tilling. Resources P-15-009854 and P-15-003322 were not located during the survey.

A previously unrecorded historic resource was identified near resource P-15-009854.. Accompanying California Department of Parks and Recreation (DPR) forms identifying the previously unrecorded Ahistoric resource, and updates to recorded resources P-15-003322, P-15-003323 and P-15-009854 can be found in Confidential Appendix D.

Survey conditions were documented using digital photographs and field notes. During the survey, Ms. Adame and Mr. Banderas examined all areas of the exposed ground surface for prehistoric artifacts (e.g., fire-affected rock, milling tools, flaked stone tools, toolmaking debris, ceramics), soil discoloration and depressions that might indicate the presence of a cultural midden, faunal and human osteological remains, and features indicative of the former presence of structures or buildings (e.g., postholes, standing exterior walls, foundations) or historic debris (e.g., glass, metal, ceramics).

No additional historic or prehistoric archaeological resources were found over the course of the pedestrian survey. The previously unrecorded historic resource is not eligible for inclusion in the CRHR, CHL or CPHI lists due to the location of the resource within the project site, thus lacking depositional integrity[3]. Pedestrian survey photos can be found in Appendix E.

3.2.2 - Buried Site Potential

In addition to the pedestrian survey, the potential for yet identified cultural resources in the project vicinity was reviewed against geologic and topographic geographic information system data for the general area and information from other nearby projects. The proposed project was evaluated against a set of criteria originally identified by a geoarchaeological overview of the Central Valley that was prepared for the California Department of Transportation (Caltrans) Districts 6 and 9 (Meyer et al. 2010). This study mapped the “archaeological sensitivity,” or potential to support the presence of buried prehistoric archaeological deposits, throughout the Central Valley based on geology and environmental parameters including distance to water and landform slope. The methodology used in the study is applicable to other parts of California, and generally concluded that sites consisting of flat, Holocene-era deposits in close proximity to water resources had a

[3] Details pertaining to the nature and location of these resources have been omitted from this pubic facing document pursuant to the Public Records Act (California Code of Regulations [CCR] § 15120(d); *Clover Valley Foundation v. City of Rocklin*, 2011: 197, 200, 220). An unredacted version of this report is available to qualified individuals via the Lead Agency upon request.

moderate to high probability of containing subsurface archaeological deposits when compared to earlier Pleistocene deposits situated on slopes or further away from drainages, lakes, and rivers.

The project site is situated on flat terrain. According to the geological map of Smith (1964), the surface of the project site consists entirely of Pleistocene-age nonmarine deposits. Applying the criteria set forth in Meyer et al. (2010), all Holocene-era deposits have the potential to contain archaeological deposits, which increases with the ease of the slope and proximity to water resources. While the project site does not consist of Holocene deposits, it is situated approximately 4 miles north of Kern River, and its slope, composition, and recorded historic resources within the project site would suggest a moderate potential for unanticipated buried cultural resources to be impacted by project construction.

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SECTION 4: SUMMARY AND RECOMMENDATIONS

4.1 - Summary

In accordance with CEQA Guidelines, FCS assessed the potential for the proposed project to have an adverse impact on known and potential cultural resources at the project site. Results from the SSJVIC indicate that four recorded cultural resources are within the 0.5-mile search radius of the project site, of which three (P-15-003322, P-15-003323, P-15-009854) recorded resources are located within the project site. Of the 20 area-specific survey reports on file within the 0.5-mile radius, three reports (KE-00413, KE-03663, and KE-05076) address the project site entirely.

Because of the project site being recently tilled, the results of the pedestrian survey determined that resource P-15-003323 was the only previously recorded resource that still remains. Resources P-15-009854 and P-15-003322 were not located during the survey. A previously unrecorded historic resource was identified near resource P-15-009854. The historic resource was recorded and determined not to be eligible for inclusion in the CRHR, CHL or CPHI lists due to the location of the resource within the project site, thus lacking depositional integrity[4].

The NAHC Sacred Lands File search reported a negative result for Native American cultural resources in the immediate project area. FCS contacted Native American representatives and to date, no responses have been received.

4.2 - Recommendations

4.2.1 - Cultural Resources Recommendations

Based on the results of the records searches, archival research, Tribal correspondence, and the pedestrian survey, FCS considers the potential for the proposed project to have a significant adverse impact on unidentified historic or prehistoric cultural resources to be moderate. The results from the NAHC Sacred Lands File search were negative for the presence of TCRs on the project site. Although the presence of three previously recorded historic resources are within the project boundaries and an unrecorded historic resource was discovered during the pedestrian survey, all these resources appear to be ineligible for the CRHR and the NRHP listing. However, the presence of these historic resources, coupled with the proximity of Kern River to project site, indicates that undiscovered cultural resources may be encountered and impacted by construction activities.

For this reason, FCS therefore recommends that all construction personnel directly involved with project-related ground disturbance attend a “tailgate” WEAP training for archaeological resources. The training should include visual aids, a discussion of applicable laws and statutes relating to archaeological resources, types of resources that may be found within the project site, and procedures to be followed in the event such resources are encountered. The training should be

[4] Details pertaining to the nature and location of these resources have been omitted from this pubic facing document pursuant to the Public Records Act (California Code of Regulations [CCR] § 15120(d); *Clover Valley Foundation v. City of Rocklin*, 2011: 197, 200, 220). An unredacted version of this report is available to qualified individuals via the Lead Agency upon request.

conducted by an Archaeologist who meets the Secretary of the Interior's Professional Qualification Standards for archaeology. FCS recommends that a qualified Archaeologist who meets the Secretary of Interior's Professional Qualification Standards for Archaeology be present to monitor during the clearing and grubbing phases of ground disturbance to check for the inadvertent exposure of cultural materials. In the event exposed soils indicate cultural materials may be present, this may be followed by regular or periodic archaeological monitoring as determined by the Archaeologist, but full-time archaeological monitoring is not recommended at this time. Standard procedures for the inadvertent discovery of human remains and cultural resources should be followed and are provided below. Cultural Resources Regulations and Evaluation Criteria can be found in Appendix F.

4.3 - Inadvertent Discovery Procedures

4.3.1 - Inadvertent Discovery of Human Remains

There is always the possibility that ground-disturbing activities during construction may uncover previously unknown buried human remains. Should this occur, Section 7050.5 of the California Health and Safety Code applies, and the following procedures shall be followed.

In the event of an accidental discovery or recognition of any human remains, Public Resources Code Section 5097.98 must be followed. In this instance, once project-related earthmoving begins and if there is an accidental discovery or recognition of any human remains, the following steps shall be taken:

1. There shall be no further excavation or disturbance of the site where human remains are discovered and/or any nearby area reasonably suspected to overlie adjacent human remains until the County Coroner is contacted to determine whether the remains are Native American and if an investigation of the cause of death is required. If the Coroner determines the remains to be Native American, the Coroner shall contact the NAHC within 24 hours, and the NAHC shall identify the person or persons it believes to be the "most likely descendant" of the deceased Native American. The most likely descendant may make recommendations to the landowner or the person responsible for the excavation work, for means of treating or disposing of, with appropriate dignity, the human remains, and any associated grave goods as provided in Public Resources Code Section 5097.98, or
2. Where the following conditions occur, the landowner or his/her authorized representative shall rebury the Native American human remains and associated grave goods with appropriate dignity either in accordance with the recommendations of the most likely descendant or on the project area in a location not subject to further subsurface disturbance:
    - The NAHC is unable to identify a most likely descendant, or the most likely descendant failed to make a recommendation within 48 hours after being notified by the Commission;
    - The descendant identified fails to make a recommendation; or
    - The landowner or his authorized representative rejects the recommendation of the descendant, and the mediation by the NAHC fails to provide measures acceptable to the landowner.

4.3.2 - Inadvertent Discovery of Cultural Resources

It is always possible that ground-disturbing activities during construction may uncover previously unknown, buried cultural resources. In the event that buried cultural resources are discovered during construction, operations shall stop within a 100-foot radius of the find and a qualified Archaeologist shall be consulted to determine whether the resource requires further study. The qualified Archaeologist shall make recommendations to the Lead Agency on the measures that shall be implemented to protect the discovered resources, including but not limited to excavation of the finds and evaluation of the finds in accordance with Section 15064.5 of the CEQA Guidelines. Potentially significant cultural resources consist of, but are not limited to, stone, bone, fossils, wood, or shell artifacts or features, including hearths, structural remains, or historic dumpsites. Any previously undiscovered resources found during construction within the Master Plan area should be recorded on appropriate DPR forms and evaluated for significance in terms of CEQA Guidelines.

If the resources are determined to be unique historic resources as defined under Section 15064.5 of the CEQA Guidelines, mitigation measures shall be identified by the monitor and recommended to the Lead Agency. Appropriate mitigation measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data recovery excavations of the finds.

No further grading shall occur in the area of the discovery until the Lead Agency approves the measures to protect these resources. Any archaeological artifacts recovered as a result of mitigation shall be donated to a qualified scientific institution approved by the Lead Agency where they would be afforded long-term preservation to allow future scientific study.

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Appendix A: Personnel Qualifications

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FIRSTCARBON SOLUTIONS™

STEFANIE E. GRIFFIN, MA—SENIOR ARCHAEOLOGIST

OVERVIEW

- More than 17 years of experience

Education

- Master of Arts, Interdisciplinary Studies in Prehistoric Archaeology, California State University, Stanislaus, CA
- Bachelor of Arts, Anthropology, Concentration in Prehistoric Archaeology, California State University, Stanislaus, CA

Programs

- Esri ArcView and ArcMap

Professional Affiliation

- Member of the Society for California Archaeology
- President, National Board of Directors, Upsilon Kappa Delta Multi-Cultural Sorority, Inc., 2008–2013

Stefanie E. Griffin, MA, is a Registered Professional Archaeologist who meets the Secretary of Interior's Standards for archaeology. Ms. Griffin has more than 17 years of laboratory and field experience in anthropology and archaeology. She has worked with private companies and public agencies throughout California, and this strengthened her knowledge of CEQA and NEPA policies. She has excellent writing, research, and organizational skills when preparing comprehensive CEQA and NEPA reports, and has established the development and application of cataloging systems. As a Project Archaeologist, Ms. Griffin has peer reviewed and prepared CEQA- and NEPA-compliant Phase I Cultural Resources Assessments (CRAs) and the Cultural and Tribal Cultural Resources (TCR) sections for environmental documents. She has also performed record searches, performed project-site pedestrian surveys, provided recommendations for mitigation measures, and provided logistical support. As an Archaeological Supervisor, Ms. Griffin has managed archaeological monitoring teams, ensuring compliance with local, State, and federal regulations. She has also served as the point of contact for coordination between the project proponent, construction crew, City officials, and monitoring staff. At the conclusion of monitoring, Ms. Griffin has produced CEQA- and NEPA-compliant monitoring reports detailing all results and providing recommendations for additional mitigation.

RELATED EXPERIENCE AND CLIENT SUMMARY

Scannell Properties Logistics Warehouse Project EIR, Contra Costa County, CA

FCS prepared the EIR for the Scannell Properties Project in unincorporated Contra Costa County, in the North Richmond area. The applicant (Scannell Properties) proposes to build two warehouse fulfillment buildings totaling approximately 325,000 square feet on the 29.4-acre project site. The Contra Costa County General Plan designates the site as Heavy Industry (HI) and the site is located within the North Richmond P-1 Zoning District. The North Richmond community is disproportionately impacted by air pollution. As a result, the project included construction best management practices, vehicle electrification and a transition to zero-emission fleet, and a Transportation Demand Management Plan

to reduce emissions and improve air quality. Other areas of concern included GHG emissions, biological resources, cultural resources, and transportation. The Final EIR was unanimously approved by the County Planning Commission in September 2021. As the Staff Archaeologist, Ms. Griffin assisted with preparing and revising the Phase I CRA and the cultural and TCR sections of the EIR. Ms. Griffin also performed/provided logistical support in the analysis process of the EIR.

CenterPoint Properties Logistics Warehouse Project EIR, Contra Costa County, CA

FCS prepared an EIR for the CenterPoint Properties Project located at 560 Brookside Drive in unincorporated Contra Costa County, near the Richmond City limits. The applicant (CenterPoint) is proposing to develop three warehouse buildings totaling approximately 555,000 square feet on the 31.48-acre project site. Historically, the site was used as cut flower nurseries and farmland to grow row crops since the late 1920s. The Contra Costa County General Plan designates the site as Light Industry (LI) and Heavy Industry (HI) and the site is located within the North Richmond P-1 Zoning District. Areas of concern include air quality and GHG emissions, biological resources, cultural resources, noise, and traffic. As the Staff Archaeologist, Ms. Griffin performed/provided logistical support in the analysis process of the EIR.

Del Hombre Apartments Project EIR, Contra Costa County, CA

FCS prepared a project-level EIR with technical studies for the construction of a 284-unit apartment building on a 2.40-acre site located in the unincorporated area of Walnut Creek, next to the Pleasant Hill BART/Contra Costa Center Bart Transit Village. The County received almost 50 comments letters regarding the project during the public review period, and neighboring community members expressed several concerns about the project, including traffic congestion, setbacks and buildings heights, density, tree removal, parking, community character, and emergency access. FCS proactively worked with the County and prepared a comprehensive work plan to address the comments on an expedited schedule. The Final EIR was certified at the Board of Supervisors meeting in August 2020. As a Project Archaeologist, Ms. Griffin performed/provided record searches, recommendations to mitigation measures, and logistical support in the analysis of the EIR.

FSRE Industrial Project EIR, Technical Studies, and Peer Review of Technical Studies, Contra Costa County , CA

Under FCS's on-call environmental services contract with the County of Contra Costa, FCS is preparing an EIR and supporting technical studies, as well as peer reviewing applicant-provided technical studies, for the FSRE Industrial Project. The applicant, FSRE Industrial Concord Company, LLC, is proposing to construct a logistics warehouse building, up to 255,000 square feet, on an undeveloped 15.5-acre site located on the east side of Marsh Drive at the Buchanan Field Airport. The project would require approval of a General Plan Amendment (GPA) to change the project site land use designation from Public Semi-public to Business Park. FCS is preparing the Biological Resources Assessment (BRA) and the CRA. The Applicant is completing the other technical studies. Ms. Griffin assisted with the preparation and coordination of the cultural analysis.

Ameresco Keller Canyon Pipeline and Processing Plant Project Phase I CRA, City of Pittsburg, Contra Costa County, CA

FCS prepared a CEQA-compliant Phase I CRA for the Ameresco Keller Canyon Pipeline and Processing Plant Project in Contra Costa County. The proposed project consists of a 1.38-acre gas processing plant and 2.6 miles of gas pipeline that would connect the new facility to the existing Pacific Gas and Electric (PG&E) STANPAC 3 gas pipeline. The pipeline will be excavated mainly on Keller Canyon Landfill Co.

property, with a portion within PG&E property to the east of Keller Canyon. Based on the results of records searches, a request sent to Native American Heritage Commission (NAHC), and pedestrian surveys, FCS concluded the potential for the project to have an adverse effect on historic or prehistoric cultural resources to be moderate. FCS worked closely with the applicant and the County to develop recommendations for monitoring during trenching and ground disturbance activities and procedures for inadvertent discovery of cultural resources and human remains. As the Staff Archaeologist, Ms. Griffin was responsible for drafting and finalizing the CEQA-compliant Phase I CRA report. This report provided details regarding prehistoric and historic regional background information, summaries and recommendations, and inadvertent discovery procedures.

Library/Learning Resource Center Building Project Biological and Cultural Construction Monitoring Services, Solano Community College District, Fairfield, CA

FCS prepared the IS/MND and provided the subsequent biological and cultural construction monitoring services for the construction of a new 59,252-gross-square-foot, 2-story Library/Learning Resources Center building on the Fairfield Campus of the Solano Community College. The building would be constructed on an open quad in the center of campus, replacing an open lawn. FCS conducted Assembly Bill 52 consultation in coordination with the District and tribal representatives from the Yocha Dehe Wintun Nation to address concerns about TCRs in the immediate vicinity of the site. In addition to preparing a full Phase I CRA, FCS drafted mitigation measures in coordination with the Tribe and District to effectively allow the project to proceed while protecting the TCRs in question. The District approved the project in May 2016, with the approval of the Tribe and all parties involved. FCS would provide coordination with tribal representatives from the Yocha Dehe Wintun Nation, as well as a "tailgate" sensitivity training session for construction personnel. Ms. Griffin provided monitor coordination and scheduling and tracking of construction activities. She produced a CEQA- and NEPA-compliant monitoring report detailing all results and providing recommendations for additional mitigation, as necessary.

Ritz-Carlton Napa Valley Resort Hotel Napa Data Recovery of CA-NAP-928, City of Napa, CA

FCS assisted the US Army Corps of Engineers (USACE) with the data recovery of CA-NAP-928. FCS's Dana DePietro, PhD, RPA, as Principal Investigator, implemented the Memorandum of Agreement (MOA) and Historic Properties Treatment Plan (HPTP) for the Ritz-Carlton Napa Valley Resort Project, which was determined to have an adverse effect on the prehistoric site CA-NAP-928. The project proponent is a private developer whose application for the hotel site (which included a wetland) prompted Section 106 review by the USACE, San Francisco District. The project would result in the complete displacement of CA-NAP-928, which was determined eligible for listing in the National Register of Historic Places under criterion D for its data potential. To address this adverse effect, the USACE and the California Office of Historic Preservation executed a MOA calling for the implementation of the HPTP. Treatment included data recovery of the large, complex, multi-period site, involving the analysis of macrobotanical remains, lithics, fire-affected rock, obsidian hydration analysis, C-14 dating, and the treatment and recovery of faunal and human osteological remains. FCS also worked closely with Scott Gabaldon, the Chairperson of the Mishewal Wappo Tribe of Alexander Valley, who has been designated Most Likely Descendant by the NAHC. Mr. Gabaldon has assigned one Native American monitor to be present at the site during all ground-disturbing activities. Ms. Griffin served as Laboratory Director and Coordinator, developing and applying a cataloging system for all features, artifacts, and ecofacts associated with field and laboratory processing. She also facilitated data sets for the initial write-ups for phases two to five of excavation and budgeting.

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STEFANIE E. GRIFFIN, MA—SENIOR ARCHAEOLOGIST

Other Relevant FCS Experience

- 1335 Galindo Street Project Cultural Monitoring, City of Concord, CA
- Siena Village Residential Project Planning and CEQA Compliance Services, City of Pittsburg, CA
- Ameresco Pipeline Project Section 106 Report, City of Pittsburg, CA
- Oakley Main Street Project IS/MND and Technical Studies, City of Oakley, CA
- First United Methodist Church CUP Amendment PLN2019-00338 Phase l CRA, City of Fremont, CA
- 1441 Industrial Parkway Project Due Diligence, City of Hayward, CA
- Springtown Trunkline Sewer Replacement Project Section 106 Report, City of Livermore, CA
- 8520 Pardee Drive Warehouse Project Description, City of Oakland, CA
- Fairfield Justice Center Asset Protection Project IS/MND, Solano County, CA
- Rindler Creek Drainage Channel Improvement Project Regulatory Permitting and Restoration, Solano County, CA
- Fieldcrest Residential Project Archaeological and Paleontological Monitoring Services, City of Fairfield, CA
- Train Station Specific Plan Planning Area 1 Multi-family Residential Project Environmental Review, City of Fairfield, CA
- Suisun Logistics Project EIR, City of Suisun City, CA
- 384 Fairgrounds Drive Self-storage Project Wetlands Assessment, City of Vallejo, CA
- Confidential—Life Science Office Buildings Project Technical Studies and Peer Review, City of Burlingame, CA
- The Village at Oak Hill Project Environmental Documentation, Marin County, CA
- Technology Way Buildings A and B Project Biological Site Assessment/Cultural Resources Report, Napa County, CA
- Browns Valley Subdivision Project IS/MND, City of Napa, CA
- Confidential—Montalcino Resort Project Technical Studies Update, City of Napa, CA
- Santa Clara County Parks Coyote Creek Parkway Perry's Hill Cultural and Biological Resource Surveys, Santa Clara County, CA
- Kern Avenue Residential Project IS/MND and Technical Studies, City of Gilroy, CA
- 1851 McCarthy Boulevard Hotel Project IS/MND and Technical Studies, City of Milpitas, CA
- 693 Arastradero Palo Alto School Project Archaeological, Paleontological, and Biological Services, City of Palo Alto, CA
- Pecten Lane GPA Initial Study, City of San José, CA
- Moorpark Avenue Multi-family Residential Project IS/MND, City of San José, CA
- Rosco Industrial Project EIR and Technical Studies, Sonoma County, CA
- Round Barn Village Project Archaeological/Paleontological Monitoring Services, City of Santa Rosa, CA
- 851 Brittain Lane Residential Project Addendum or Consistency Checklist, City of Santa Rosa, CA
- Shiloh Crossing Project IS/MND and Technical Studies, Town of Windsor, CA
- Shiloh Mixed-use Project IS/MND, Town of Windsor, CA
- Revel Windsor Senior Housing Community IS/MND, Town of Windsor, CA
- Moss Landing South Project Cultural Resources Due Diligence, City of Lathrop, CA
- 420-unit Multi-family Housing Project CEQA Initial Study, City of Manteca, CA
- 6505 South McKinley Avenue East Industrial Project IS/MND and Supporting Technical Studies, City of Stockton, CA
- Watsonville Subdivision Project Cultural Monitoring Services, City of Watsonville, CA
- Logistics Facility Project EIR and Technical Studies, Madera County, CA
- Southeast Development Area Specific Plan Environmental Analysis, City of Fresno, CA

- Ritchie Site Shirk and Riggin Industrial Park Project Technical Studies and Entitlement Support, City of Visalia, CA
- Hitch Ranch Specific Plan Archaeological and Paleontological Records Search Updates, City of Moorpark, CA
- Digital Billboard IS/MND and Technical Studies, City of Baldwin Park, CA
- North Main Center EIR and Technical Studies, City of Carson, CA
- Duarte Station Project Construction Monitoring, City of Duarte, CA
- Lomita and Crenshaw Boulevard Apartment Project Monitoring Studies, City of Lomita, CA
- Copart Palmdale Online Car Auction Facility IS/MND and Technical Studies, City of Palmdale, CA
- 5037 Patata Street Industrial Project CEQA Documentation and Technical Studies, City of South Gate, CA
- Broadway Condominiums Project IS/MND and Technical Studies, City of Anaheim, CA
- Artesia Boulevard Digital Billboard Project IS/ND and Technical Studies, City of Buena Park, CA
- Confidential—The City Drive Apartment Project IS/MND and Technical Studies, City of Orange, CA
- Highway 395 and Seneca Road Quick N Clean Car Wash Project IS/MND and Technical Studies, City of Adelanto, CA
- Pine Tree RV Park Expansion Project Biological Studies and Phase I CRA, City of Big Bear Lake, CA
- Business Park Project IS/MND and Technical Studies, City of Chino Hills, CA
- Redlands Residential Project Biological and Cultural Due Diligence, City of Redlands, CA
- Song Property Residential Project Due Diligence, City of Redlands, CA
- Yucca Avenue Truck Terminal Facility Technical Studies, City of Rialto, CA
- Lilac Avenue Warehouse CEQA Document and Technical Studies, City of Rialto, CA
- Lilac Avenue Warehouse Due Diligence Memoranda, City of Rialto, CA
- Circle K Convenience Store and Fuel Station CEQA Technical Studies, Bloomington, San Bernardino County, CA
- Potrero Boulevard Shopping Center EIR Addendum, City of Beaumont, CA
- Agua Mansa Road Project Archaeological/Paleontological Monitoring Program Services, City of Jurupa Valley, CA
- Nichols Ranch Specific Plan Biological Resources Due Diligence Peer Review Services, City of Lake Elsinore, CA
- Washington Plaza Retail Project IS/MND and Technical Studies, City of Murrieta, CA
- Walnut and Indian Avenue Warehouse Due Diligence Services, City of Perris, CA
- Harvill Avenue and Rider Street Industrial Project Due Diligence Memorandum, IS/MND, and Technical Studies, City of Perris, CA
- Ramona Expressway and Brennan Avenue Industrial Project IS/MND, City of Perris, CA
- Fallbrook Commercial Center Project Technical Studies, San Diego County, CA
- Rancho Los Lagos Project Supplemental EIR and Technical Studies, City of Brawley, CA

Publication

E. Griffin, Stefanie (2013) “Building the Maya World: Raw Materials, Trade Routes, and Procurement Strategies in the El Paraiso Valley, Copan, Honduras,” California State University Stanislaus Press.

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NATALIE ADAME—ARCHAEOLOGICAL MONITOR

OVERVIEW

- More than 2 years of experience

Education

- Bachelor of Arts, Biological Anthropology, Minor in Geology, California State University, East Bay, Hayward, CA, 2016
- Associate of Arts, Geology, Mt. San Antonio College, Walnut, CA, 2011

Skill

- Esri Aeronautical Reconnaissance Coverage Geographic Information System (ArcGIS)

Natalie Adame has more than 2 years of experience in archaeology, which she gained from extensive fieldwork and museum experience. Ms. Adame has established excellent research skills exemplified by her ability to prepare comprehensive reports and presentations. Her experience includes performing land use analyses and preparing Initial Studies and EIRs for various development projects. As an Archaeological Monitor/Field Technician, Ms. Adame implements Worker Environmental Awareness Programs (WEAP) 'tailgate' training sessions and coordinates with construction staff and Native American Monitors, construction monitoring, and the salvage and recordation of archaeological resources.

RELATED EXPERIENCE AND CLIENT SUMMARY

Biological, Archaeological, and Paleontological Monitoring and Reporting Services, Los Angeles Regional Interoperable Communications System, Los Angeles County, CA

FCS is providing monitoring and reporting services during the construction of more than 150 land mobile radio (LMR) facilities at sites located primarily in Los Angeles County. The LMR sites contain the infrastructure and equipment necessary to provide voice communications coverage throughout the County for emergency responders. These locations are widely dispersed across the County in both urban (intensively developed) and rural (less developed) settings and include coastal locations, sites in downtown Los Angeles, remote mountain peaks across the County, and the northern high desert. FCS is conducting the biological, archaeological, and paleontological pre-construction and construction monitoring and reporting services in accordance with the Construction Management Requirements outlined in the NEPA Environmental Assessment that FCS prepared for the project. Ms. Adame is a Field Archaeological Monitor on the project.

Barton Road Logistics Facility Project EIR, Technical Studies, and Peer Review, City of Colton, CA

FCS is providing CEQA documentation and peer review services for the Barton Road Logistics Facility Project in the City of Colton, in San Bernardino County. The proposed project includes the demolition of four industrial buildings, an office building, and parking lot. The proposed project would construct two state-of-the-art speculative concrete tilt-up industrial warehouse logistics facilities with a total square footage of 960,040 square feet. The project will develop Best-in-Class industrial facilities in the City of Colton that are designed to meet contemporary industry standards, can easily accommodate a wide

variety of warehouse and distribution uses, and are economically competitive with similar warehouse facilities in the local Inland Empire marketplace. FCS is preparing an EIR with supporting stand-alone Air Quality and Greenhouse Gas (GHG) Emissions Analysis with Health Risk Assessment, Biological Resources Assessment, Phase I Cultural Resources Assessment (CRA), Noise Impact Analysis, and Traffic Impact Analysis. Our team will also peer review the Geotechnical Report. The Phase I Cultural Resources Assessment will provide an evaluation and recommendations regarding potential construction related impacts to cultural resources. Ms. Adame is a Field Archaeological Monitor on the project.

Library/Learning Resource Center Building Project Biological and Cultural Construction Monitoring Services for the Solano Community College District, Fairfield, CA

FCS prepared the IS/MND and provided the subsequent biological and cultural construction monitoring services for the construction of a new 59,252-gross-square-foot, 2-story Library/Learning Resources Center building on the Fairfield Campus of the Solano Community College Campus. The building would be constructed on an open quad in the center of campus, replacing an open lawn. FCS conducted AB 52 consultation in coordination with the District and tribal representatives from the Yocha Dehe Wintun Nation to address concerns about tribal cultural resources in the immediate vicinity of the site. In additional to preparing a full PI-CRA, FCS drafted mitigation measures in coordination with the Tribe and District to effectively allow the project to proceed while protecting the Tribal Cultural resources in question. The District approved the project in May 2016, with the approval of the tribe and all parties involved. FCS will provide coordination with Tribal representatives from the Yocha Dehe Wintun Nation, as well as a "tailgate" sensitivity training session for construction personnel. Ms. Adame is a Field Archaeological Monitor on the project.

Prior Work Experience

Archaeologist, Material Culture Consulting, City of Pomona, CA

As an archaeologist, Ms. Adame performed excavations, recorded prehistoric and historic artifacts, and catalogued data using ArcGIS. She conducted Phase I, II, and III Environmental Site Assessments (ESAs) and drafted EIRs. Ms. Adame also prepared Department of Parks and Recreation (DPR) forms, searched records, and monitored projects in the State and county.

Field Archaeologist, ICF International, City of Los Angeles, CA

As a field archaeologist, Ms. Adame conducted environment surveys, performed excavations, and catalogued prehistoric and historic artifacts using ArcGIS. She prepared Federal Environment Management environmental reviews, DPR forms, and ESAs. Ms. Adame also worked with different transportation agencies, including the Orange County Transportation Authority, OC 405 Partners, LA Metro, and the California Department of Transportation.

Field Archaeologist, Dudek , City of Pasadena, CA

As a field archaeologist, Ms. Adame performed architectural and cultural historical assessments and conducted surveys for various projects to evaluate conflicts during construction period. Her responsibilities also include evaluating historic resource significance, cataloguing exhibit pieces, and gathering daily records of environmental compliances.

NATALIE ADAME—ARCHAEOLOGICAL MONITOR

Grants and Proposal Writer – Applied Anthropology Coursework, California State University, East Bay, City of Hayward, CA

As a Grants and Proposal Writer, Ms. Adame analyzed organizational cultures, conducted needs assessment, and prepared social impact reports. Part of her task was to identify the appropriate research disciplines necessary for specific jobs.

Student Museum Docent, California State University, East Bay, City of Hayward, CA

Ms. Adame served as a docent at the university's C.E. Smith Museum of Anthropology. Her responsibilities include preparing materials for exhibits, researching and writing about artifacts, and mounting display materials in the museum.

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SAM BANDERAS—ARCHAEOLOGICAL MONITOR

OVERVIEW

- Anthropology graduate with experience in archaeological monitoring and conservation

Education

- Associate of Arts, Anthropology, Riverside City College, Riverside, CA, 2019
- Moreno Valley College, Moreno Valley, CA, 2019
- Associate of Arts, Anthropology, Chaffey College, Rancho Cucamonga, CA, 2010

Sam Banderas is an Archaeological Monitor with relevant experience in site excavations, field surveys, and laboratory work. He is knowledgeable in examining ceramics and the use of lithic tools for mineral analysis.

RELATED EXPERIENCE AND CLIENT SUMMARY

Conservation Project, Archaeology Southwest and the University of Arizona, Tucson, AZ

As part of the six-week project, Mr. Banderas performed site excavation, field survey, and laboratory work. The project focused on the relationship between serving vessel rim size, dimensions, and decorations and feasting in the Southwest.

Education History

Riverside City College, Riverside, CA

- Anthropology of Religion, Spring 2019
- Pre-Columbian Art History, Fall 2018
- Art History: Ancient to Medieval, Spring 2017
- Physical Anthropology, Fall 2016
- Cultures of Ancient Mexico, Spring 2016
- Introduction to Archaeology, Spring 2016

Moreno Valley College, Moreno Valley, CA

- California History, Fall 2019
- Military History of the US to 1900, Fall 2018
- History of Ancient Rome, Fall 2011

Chaffey College, Rancho Cucamonga, CA

- Cultural Anthropology, Fall 2010

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Appendix B:
CONFIDENTIAL Southern San Joaquin Valley Information Center Records Search Results

Appendix B contains sensitive information pertaining to cultural resources and has been withheld from public distribution pursuant to Public Resources Code, Sections 5097.9 and 5097.993.

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Appendix C:
Native American Heritage Commission and Tribal Correspondence

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Local Government Tribal Consultation List Request

Native American Heritage Commission
1550 Harbor Blvd, Suite 100
West Sacramento, CA 95691
916-373-3710
916-373-5471 – Fax
nahc@nahc.ca.gov

Type of List Requested

■ **CEQA Tribal Consultation List (AB 52)** – *Per Public Resources Code § 21080.3.1, subs. (b), (d), (e) and 21080.3.2*

☐ **General Plan (SB 18)** - *Per Government Code § 65352.3.*

Local Action Type:

☐ **General Plan** ☐ **General Plan Element** ☐ **General Plan Amendment**

☐ **Specific Plan** ☐ **Specific Plan Amendment** ☐ **Pre-planning Outreach Activity**

Required Information

Project Title: Airport Commerce Center Industrial Project

Local Government/Lead Agency: Kern County

Contact Person: Stefanie Griffin

Street Address: 967 Kendall Drive # A-537

City: San Bernardino **Zip:** 92407

Phone: 209-608-0028 **Fax:**

Email: sgriffin@fcs-intl.com; mdolan@fcs-intl.com

Specific Area Subject to Proposed Action

County: Kern County **City/Community:** Unincorporated

Project Description:

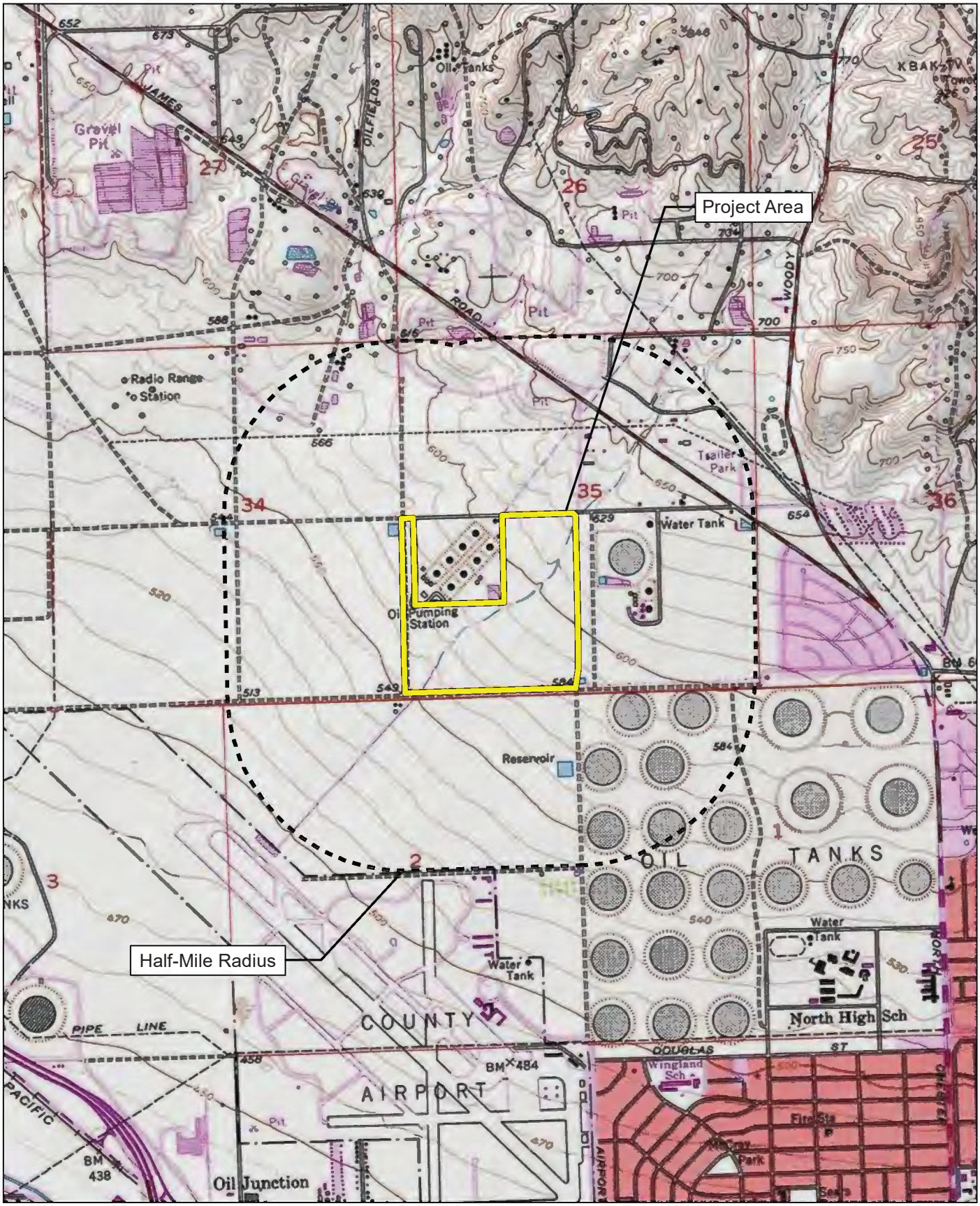
The applicant is proposing to construct four industrial buildings coined as the Airport Commerce Center (proposed project) north of Merle Haggard Drive and south of Petrol Road, between Landings Way and Airport Drive on an approximately 114.8-acre site encompassing seven parcels in unincorporated Kern County. The buildings would total 1,402,280 square feet. The proposed project would include five detention basins located in the middle of the site, as well as a drainage channel along a portion of the site's western border. A truck yard is proposed at the southeast corner of the site.

Additional Request

■ **Sacred Lands File Search** - *Required Information:*

USGS Quadrangle Name(s): Oildale

Township: **Range:** **Section(s):**



Source: USGS Oildale 7.5' Quadrangle / T28S,R27E,sec34,35;T29S.
Project Site Source: USGS Oildale 7.5' Quadrangle / T28S,R27E,sec34,35;T29S,R27E,sec1,2,3.

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2,000 1,000 0 2,000 Feet

Exhibit A
Record Search Map

NATIVE AMERICAN HERITAGE COMMISSION

ACTING CHAIRPERSON
Reginald Pagaling
Chumash

SECRETARY
Sara Dutschke
Miwok

COMMISSIONER
Isaac Bojorquez
Ohlone-Costanoan

COMMISSIONER
Buffy McQuillen
Yokayo Pomo, Yuki, Nomlaki

COMMISSIONER
Wayne Nelson
Luiseño

COMMISSIONER
Stanley Rodriguez
Kumeyaay

COMMISSIONER
Vacant

COMMISSIONER
Vacant

COMMISSIONER
Vacant

EXECUTIVE SECRETARY
Raymond C. Hitchcock
Miwok, Nisenan

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

August 21, 2023

Stefanie Griffin
FirstCarbon Solutions

Via Email to: sgriffin@fcs-intl.com

Re: Native American Tribal Consultation, Pursuant to the Assembly Bill 52 (AB 52), Amendments to the California Environmental Quality Act (CEQA) (Chapter 532, Statutes of 2014), Public Resources Code Sections 5097.94 (m), 21073, 21074, 21080.3.1, 21080.3.2, 21082.3, 21083.09, 21084.2 and 21084.3, Airport Commerce Center Industrial Project, Kern County

Dear Ms. Griffin:

Pursuant to Public Resources Code section 21080.3.1 (c), attached is a consultation list of tribes that are traditionally and culturally affiliated with the geographic area of the above-listed project. Please note that the intent of the AB 52 amendments to CEQA is to avoid and/or mitigate impacts to tribal cultural resources, (Pub. Resources Code §21084.3 (a)) ("Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource.")

Public Resources Code sections 21080.3.1 and 21084.3(c) require CEQA lead agencies to consult with California Native American tribes that have requested notice from such agencies of proposed projects in the geographic area that are traditionally and culturally affiliated with the tribes on projects for which a Notice of Preparation or Notice of Negative Declaration or Mitigated Negative Declaration has been filed on or after July 1, 2015. Specifically, Public Resources Code section 21080.3.1 (d) provides:

Within 14 days of determining that an application for a project is complete or a decision by a public agency to undertake a project, the lead agency shall provide formal notification to the designated contact of, or a tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, which shall be accomplished by means of at least one written notification that includes a brief description of the proposed project and its location, the lead agency contact information, and a notification that the California Native American tribe has 30 days to request consultation pursuant to this section.

The AB 52 amendments to CEQA law does not preclude initiating consultation with the tribes that are culturally and traditionally affiliated within your jurisdiction prior to receiving requests for notification of projects in the tribe's areas of traditional and cultural affiliation. The Native American Heritage Commission (NAHC) recommends, but does not require, early consultation as a best practice to ensure that lead agencies receive sufficient information about cultural resources in a project area to avoid damaging effects to tribal cultural resources.

The NAHC also recommends, but does not require that agencies should also include with their notification letters, information regarding any cultural resources assessment that has been completed on the area of potential effect (APE), such as:

1. The results of any record search that may have been conducted at an Information Center of the California Historical Resources Information System (CHRIS), including, but not limited to:

- A listing of any and all known cultural resources that have already been recorded on or adjacent to the APE, such as known archaeological sites;
- Copies of any and all cultural resource records and study reports that may have been provided by the Information Center as part of the records search response;
- Whether the records search indicates a low, moderate, or high probability that unrecorded cultural resources are located in the APE; and
- If a survey is recommended by the Information Center to determine whether previously unrecorded cultural resources are present.

2. The results of any archaeological inventory survey that was conducted, including:

- Any report that may contain site forms, site significance, and suggested mitigation measures.

  All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum, and not be made available for public disclosure in accordance with Government Code section 6254.10.

3. The result of any Sacred Lands File (SLF) check conducted through the Native American Heritage Commission was negative.

4. Any ethnographic studies conducted for any area including all or part of the APE; and

5. Any geotechnical reports regarding all or part of the APE.

Lead agencies should be aware that records maintained by the NAHC and CHRIS are not exhaustive and a negative response to these searches does not preclude the existence of a tribal cultural resource. A tribe may be the only source of information regarding the existence of a tribal cultural resource.

This information will aid tribes in determining whether to request formal consultation. In the event that they do, having the information beforehand will help to facilitate the consultation process.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our consultation list remains current.

If you have any questions, please contact me at my email address: Cameron.vela@nahc.ca.gov.

Sincerely,

Cameron Vela

Cameron Vela
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Native American Contact List
Kern County
8/21/2023

County	Tribe Name	Fed (F) Non-Fed (N)	Contact Person	Contact Address	Phone #	Fax #	Email Address	Cultural Affiliation	Counties	Last Updated
Kern	Kitanemuk & Yowlumne Tejon Indians	N	Delia Dominguez, Chairperson	115 Radio Street Bakersfield, CA, 93305	(626) 339-6785		2deedominguez@gmail.com	Kitanemuk Southern Valley Yokut	Kern,Los Angeles	
	Santa Rosa Rancheria Tachi Yokut Tribe	F	Leo Sisco, Chairperson	P.O. Box 8 Lemoore, CA, 93245	(559) 924-1278	(559) 924-3583		Southern Valley Yokut	Fresno,Kern,Kings,Merced,Monterey,San Benito,San Luis Obispo,Tulare	
	Tejon Indian Tribe	F	Candice Garza, CRM Scheduler	4941 David Road Bakersfield, CA, 93307	(661) 345-0632		cgarza@tejonindiantribe-nsn.gov	Kitanemuk	Kern	4/11/2023
	Tule River Indian Tribe	F	Neil Peyron, Chairperson	P.O. Box 589 Porterville, CA, 93258	(559) 781-4271	(559) 781-4610	neil.peyron@tulerivertribe-nsn.gov	Yokut	Alameda,Amador,Calaveras,Contra Costa,Fresno,Inyo,Kern,Kings,Madera,Mariposa,Merced,Monterey,Sacramento,San	

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and section 5097.98 of the Public Resources Code.

This list is only applicable for consultation with Native American tribes under Public Resources Code Sections 21080.3.1 for the proposed Airport Commerce Center Industrial Project, Kern County.

Record: PROJ-2023-004166
Report Type: AB52 GIS
Counties: Kern
NAHC Group: All

August 22, 2023

Kitanemuk & Yowlumne Tejon Indians
Delia Dominguez, Chairperson
115 Radio Street
Bakersfield, CA, 93305

Subject: Proposed Airport Commerce Center Industrial Project

Dear Chairperson Dominguez:

FirstCarbon Solutions (FCS) is preparing a Cultural Resources Assessment for the proposed Airport Commerce Industrial Project in Kern County. As part of the environmental review process, we are conducting a cultural resources assessment.

The applicant is proposing to construct four industrial buildings coined as the Airport Commerce Center north of Merle Haggard Drive and south of Petrol Road, between Landings Way and Airport Drive on an approximately 114.8-acre site encompassing seven parcels in unincorporated Kern County. The buildings would total 1,402,280 square feet. The proposed project would include five detention basins located in the middle of the site, as well as a drainage channel along a portion of the site's western border. A truck yard is proposed at the southeast corner of the site.

Records Search maps with a 0.5-mile buffer around the site are enclosed for your reference.

As part of the cultural resources assessment, FCS conducted a Sacred Lands File (SLF) search and a California Historical Resource Information System (CHRIS) search. The results of the SLF records search was negative. The results of the CHRIS search indicated that there are 3 historic resources recorded within the project site and 1 historic recorded within a 0.5-mile radius of the project site. The CHRIS search also found that there are 3 reports within the project site and there are 17 reports within a 0.5-mile radius of the project site. The Native American Heritage Commission (NAHC) suggested you might be able to provide further information. If you have any additional information regarding potential historic or cultural resources in proximity or relation to the proposed project area, we would greatly appreciate your input.

UNITED STATES

T +1 888 826 5814
T +1 714 508 4100
F +1 714 508 4110
E info@fcs-intl.com

Irvine
250 Commerce
Suite 210
Irvine, CA 92602

Bay Area
2999 Oak Road
Suite 250
Walnut Creek, CA 94597

Central Valley
7726 N. First Street
#413
Fresno, CA 93720

Inland Empire
967 Kendall Drive
#A-537
San Bernardino, CA 92407

Sacramento Valley
2351 Sunset Boulevard
Suite 170-301
Rocklin, CA 95765

Utah
2901 Bluegrass Boulevard
Suite 200-62
Lehi, UT 84043

Connecticut
2 Corporate Drive
Suite 450
Shelton, CT 06484

New York
10 Monument Street
Deposit, NY 13754

56 Broome Corporate Parkway
Conklin, NY 13748

CANADA

UNITED KINGDOM

PORTUGAL

FRANCE

KENYA

AUSTRALIA

PHILIPPINES

CHINA

MALAYSIA

SINGAPORE

Please note that this letter is a request for information pertaining to a cultural resources assessment and is not notification of a project under Senate Bill (SB) 18, Assembly Bill (AB) 52 or Section 106 of the National Historic Preservation Act. Designated lead agencies under the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) are handling project notification and consultation requirements. Please feel free to contact me at 530.219.1432 or via email at ddepietro@fcs-intl.com and thank you for your valuable assistance.

Sincerely,

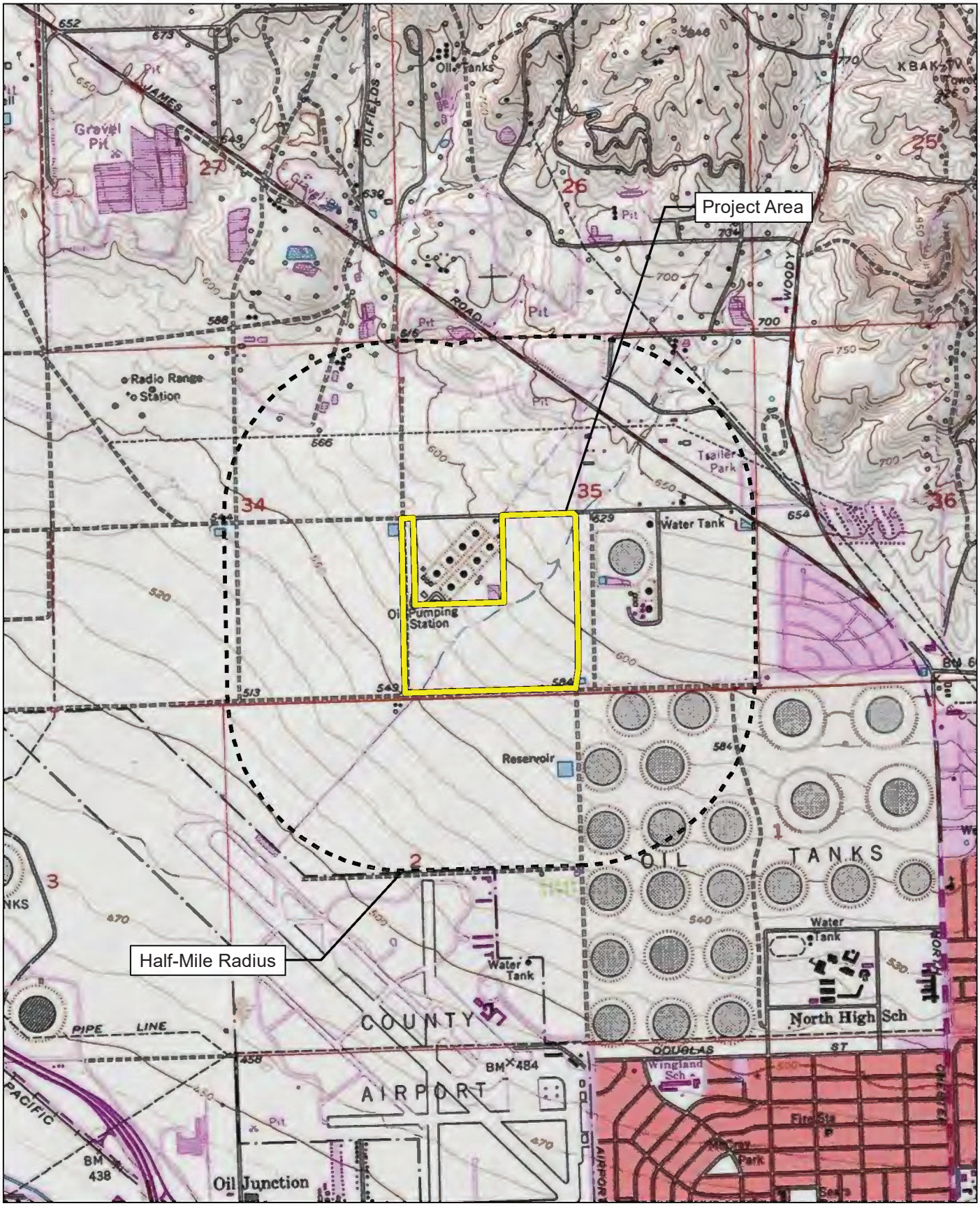


Dana Douglas DePietro, PhD
Director of Cultural Resources
FirstCarbon Solutions
2999 Oak Road, Suite 250
Walnut Creek, CA 94597

Enc: Attachment A

FIRSTCARBON
SOLUTIONS
FCS INTERNATIONAL, INC.

Attachment A:
Records Search Map



Source: USGS Oildale 7.5' Quadrangle / T28S,R27E,sec34,35;T29S.
Project Site Source: USGS Oildale 7.5' Quadrangle / T28S,R27E,sec34,35;T29S,R27E,sec1,2,3.

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Exhibit A
Record Search Map

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KERN COUNTY
AIRPORT COMMERCE CENTER INDUSTRIAL PROJECT
PHASE I CULTURAL RESOURCES ASSESSMENT

August 22, 2023

Tejon Indian Tribe
Candice Garza, CRM Scheduler
4941 David Road
Bakersfield CA, 93307

Subject: Proposed Airport Commerce Center Industrial Project

Dear Candice Garza:

FirstCarbon Solutions (FCS) is preparing a Cultural Resources Assessment for the proposed Airport Commerce Industrial Project in Kern County. As part of the environmental review process, we are conducting a cultural resources assessment.

The applicant is proposing to construct four industrial buildings coined as the Airport Commerce Center north of Merle Haggard Drive and south of Petrol Road, between Landings Way and Airport Drive on an approximately 114.8-acre site encompassing seven parcels in unincorporated Kern County. The buildings would total 1,402,280 square feet. The proposed project would include five detention basins located in the middle of the site, as well as a drainage channel along a portion of the site's western border. A truck yard is proposed at the southeast corner of the site.

Records Search maps with a 0.5-mile buffer around the site are enclosed for your reference.

As part of the cultural resources assessment, FCS conducted a Sacred Lands File (SLF) search and a California Historical Resource Information System (CHRIS) search. The results of the SLF records search was negative. The results of the CHRIS search indicated that there are 3 historic resources recorded within the project site and 1 historic recorded within a 0.5-mile radius of the project site. The CHRIS search also found that there are 3 reports within the project site and there are 17 reports within a 0.5-mile radius of the project site. The Native American Heritage Commission (NAHC) suggested you might be able to provide further information. If you have any additional information regarding potential historic or cultural resources in proximity or relation to the proposed project area, we would greatly appreciate your input.

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Walnut Creek, CA 94597

Central Valley
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#413
Fresno, CA 93720

Inland Empire
967 Kendall Drive
#A-537
San Bernardino, CA 92407

Sacramento Valley
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Suite 170-301
Rocklin, CA 95765

Utah
2901 Bluegrass Boulevard
Suite 200-62
Lehi, UT 84043

Connecticut
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Suite 450
Shelton, CT 06484

New York
10 Monument Street
Deposit, NY 13754

56 Broome Corporate Parkway
Conklin, NY 13748

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PHILIPPINES

CHINA

MALAYSIA

SINGAPORE

Please note that this letter is a request for information pertaining to a cultural resources assessment and is not notification of a project under Senate Bill (SB) 18, Assembly Bill (AB) 52 or Section 106 of the National Historic Preservation Act. Designated lead agencies under the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) are handling project notification and consultation requirements. Please feel free to contact me at 530.219.1432 or via email at ddepietro@fcs-intl.com and thank you for your valuable assistance.

Sincerely,

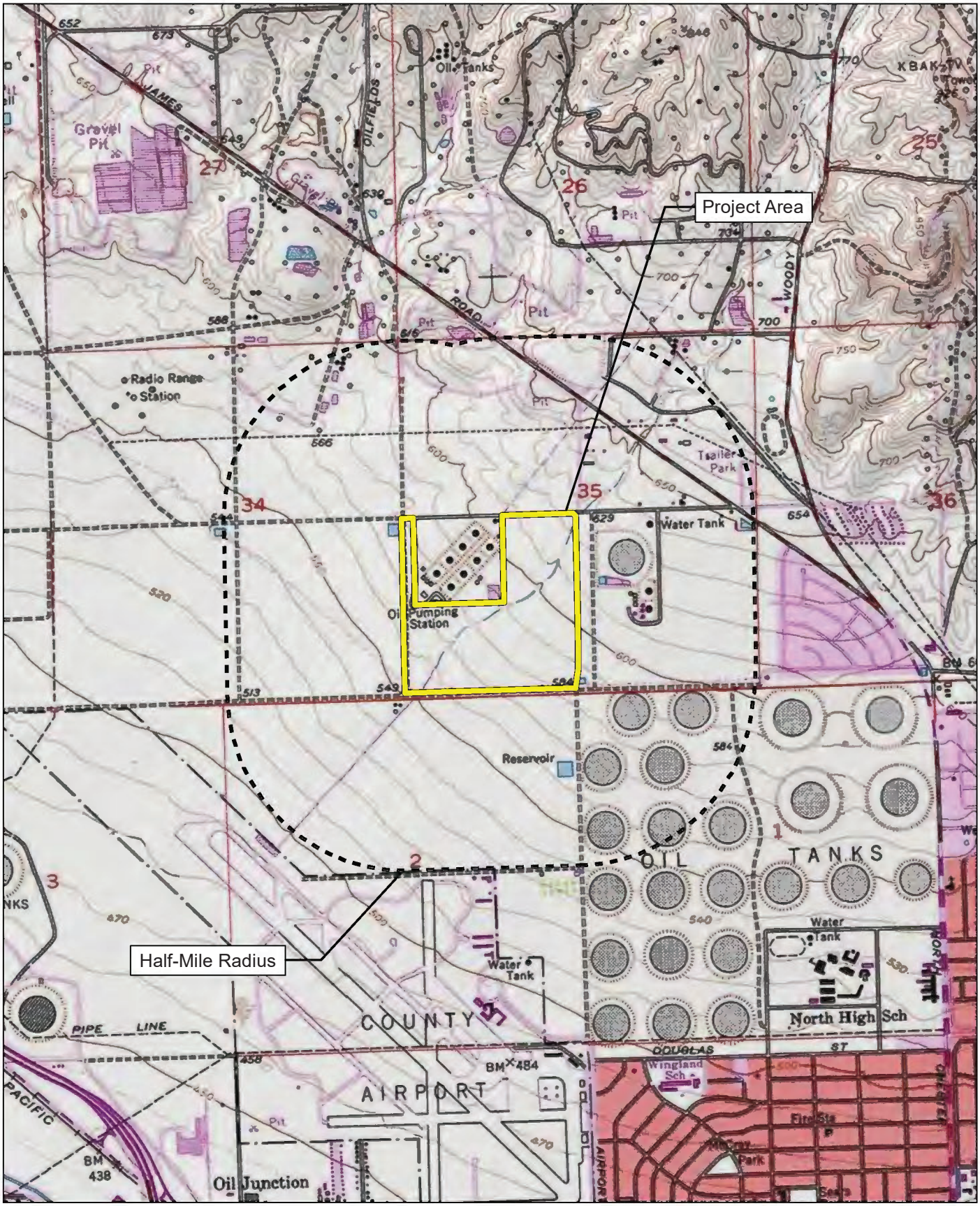


Dana Douglas DePietro, PhD
Director of Cultural Resources
FirstCarbon Solutions
2999 Oak Road, Suite 250
Walnut Creek, CA 94597

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Exhibit A
Record Search Map

August 22, 2023

Tule River Indian Tribe
Neil Peyron, Chairperson
P.O. Box 589
Porterville, CA, 93258

Subject: Proposed Airport Commerce Center Industrial Project

Dear Chairperson Peyron:

FirstCarbon Solutions (FCS) is preparing a Cultural Resources Assessment for the proposed Airport Commerce Industrial Project in Kern County. As part of the environmental review process, we are conducting a cultural resources assessment.

The applicant is proposing to construct four industrial buildings coined as the Airport Commerce Center north of Merle Haggard Drive and south of Petrol Road, between Landings Way and Airport Drive on an approximately 114.8-acre site encompassing seven parcels in unincorporated Kern County. The buildings would total 1,402,280 square feet. The proposed project would include five detention basins located in the middle of the site, as well as a drainage channel along a portion of the site's western border. A truck yard is proposed at the southeast corner of the site.

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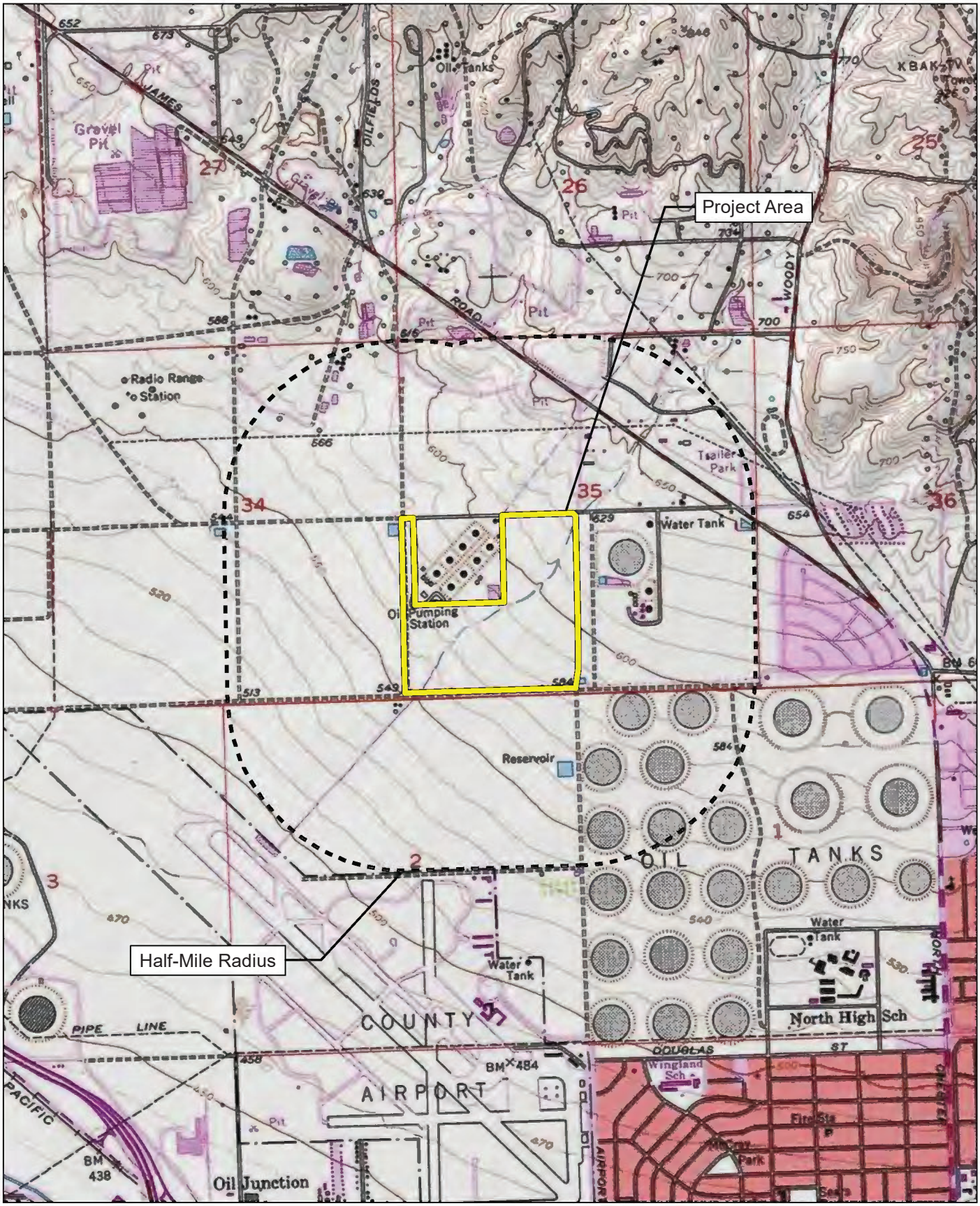


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Record Search Map

August 22, 2023

Santa Rosa Rancheria Tachi Yokut Tribe
Leo Sisco, Chairperson
P.O. Box 8
Lemoore, CA, 93245

Subject: Proposed Airport Commerce Center Industrial Project

Dear Chairperson Sisco:

FirstCarbon Solutions (FCS) is preparing a Cultural Resources Assessment for the proposed Airport Commerce Industrial Project in Kern County. As part of the environmental review process, we are conducting a cultural resources assessment.

The applicant is proposing to construct four industrial buildings coined as the Airport Commerce Center north of Merle Haggard Drive and south of Petrol Road, between Landings Way and Airport Drive on an approximately 114.8-acre site encompassing seven parcels in unincorporated Kern County. The buildings would total 1,402,280 square feet. The proposed project would include five detention basins located in the middle of the site, as well as a drainage channel along a portion of the site's western border. A truck yard is proposed at the southeast corner of the site.

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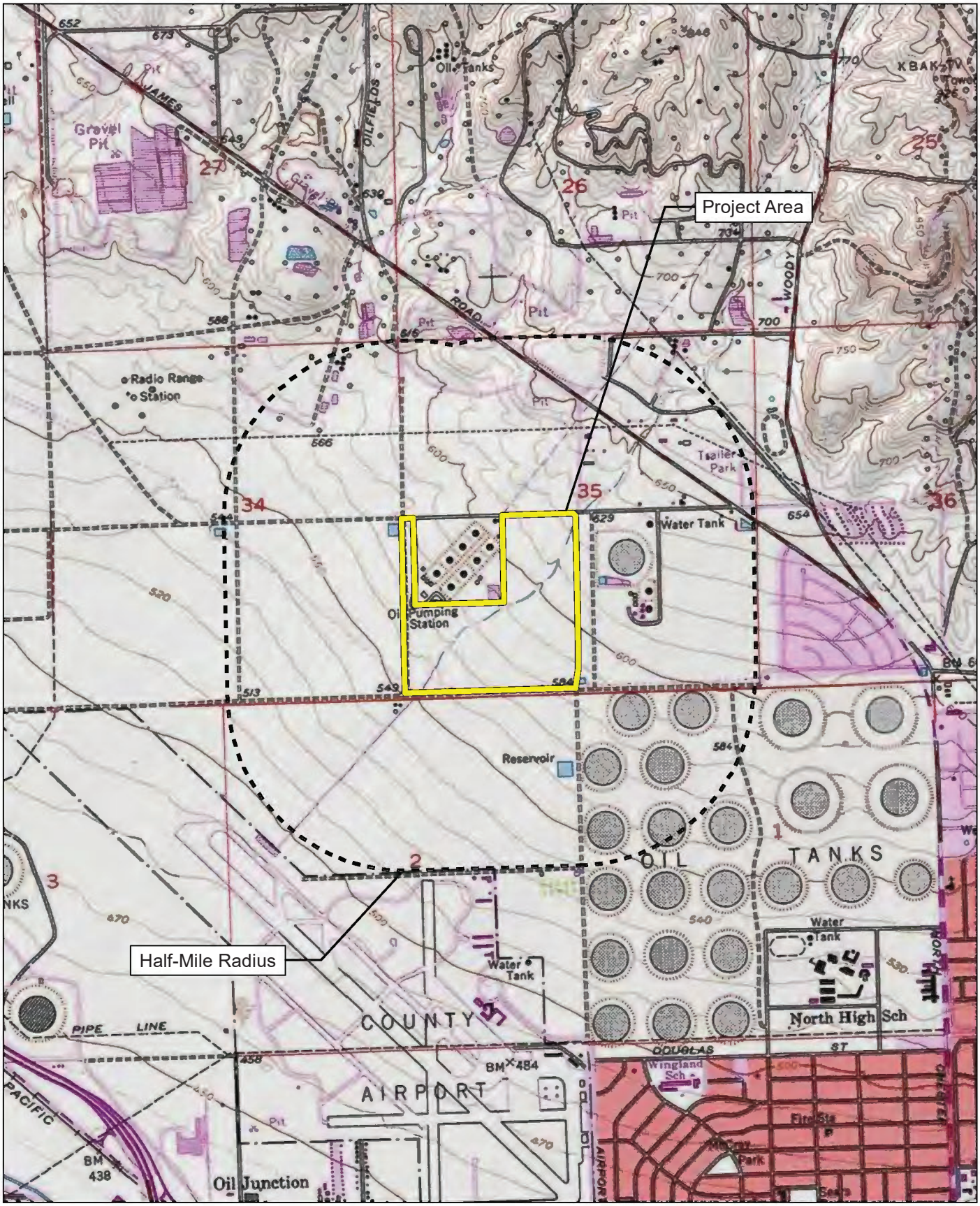


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Appendix D:
CONFIDENTIAL California Department of Parks and Recreation Form

Appendix D contains sensitive information pertaining to cultural resources and has been withheld from public distribution pursuant to Public Resources Code, Sections 5097.9 and 5097.993.

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Appendix E:
Pedestrian Survey Photographs

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Photograph 1: Start of Transect 1, View North. Taken from the southeast corner of the project site, near the intersection of Merle Haggard Drive and Airport Drive.



Photograph 2: Start of Transect 1, View NW. Taken from the southeast corner of the project site, near the intersection of Merle Haggard Drive and Airport Drive.



Photograph 3: End of Transect 1. View east. Taken near northeast corner of site and intersection of Airport Dr and Petrol Rd. Note drainage culvert feature.



Photograph 4: End of transect 1. View South. Taken near the northeast corner of the project site and intersection of Airport Drive. and Petrol Road.



Photograph 5: Start of Transect 2. View West. Taken from the northeast corner of the project site and intersection of Airport Drive. and Petrol Road.



Photograph 6: End Transect 4. View north. Taken near southern boundary of site, along Merle Haggard Rd.



Photograph 7: Start Transect 5. View north. Taken near South boundary of site, along Merle Haggard Rd.



Photograph 8: End of transect 5. View south. Taken along southern boundary of the private property line



Photograph 9: Central cardinal point. View north. Taken near southeastern corner of the private property boundary.



Photograph 10: Central cardinal point. View east. Taken near southeast corner of private property boundary.



Photograph 11: Central cardinal point. View south. Taken near southeast corner of private property boundary.



Photograph 12: Central cardinal point. View west. Taken near southeastern corner of private property boundary.



Photograph 13: Start of Transect 6. View south. Taken near the southern boundary of the private property line.



Photograph 14: End of Transect 6. View north. Taken along the south site boundary, along Merle Haggard Drive.



Photograph 15: Start of Transect 7. Taken along the southern boundary, along Merle Haggard Drive.



Photograph 16: End of Transect 7. View south. Taken along the southern boundary of the private property line.



Photograph 17: Start of Transect 8. View south. Taken along the southern boundary of private property line.



Photograph 18: End of Transect 8. View north. Taken along southern boundary; along Merle Haggard Drive.



Photograph 19: Overview of controlled burn. View southeast



Photograph 20: Overview of the northwest corner of the project site, near the intersection of Landings Way and Petrol Road. View west.



Photograph 21: Overview of the northwest corner of the project site, near the intersection of Landings Way and Petrol Road. View east.



Photograph 22: Overview of the central northern corner of the project site, along the northeastern corner of private property boundary, along Petrol Rd.



Photograph 23: Cardinal Points. View east. Taken at North central of site. Near NE corner of private property boundary, along Petrol Rd.



Photograph 24: Cardinal Points. View north. Taken at SW corner of site. Near intersection of Landings way and Merle Haggard Rd.



Photograph 25: Cardinal Points. View east. Taken at SW corner of site. Near intersection of Landings way and Merle Haggard Rd.

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Appendix F:
Cultural Resources Regulations and Evaluation Criteria

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CULTURAL RESOURCES REGULATIONS AND EVALUATION CRITERIA

Local, state, and federal government agencies have developed laws and regulations designed to protect significant cultural resources that may be affected by projects regulated, funded, or undertaken by the agency. Federal and state laws that govern the preservation of historic and archaeological resources of national, state, regional, and local significance include the National Environmental Policy Act (NEPA), the National Historic Preservation Act (NHPA), and the California Environmental Quality Act (CEQA). In addition, laws specific to work conducted on federal lands includes the Archaeological Resources Protection Act (ARPA), the American Antiquities Act, and the Native American Graves Protection and Repatriation Act (NAGPRA).

The following federal or CEQA criteria were used to evaluate the significance of potential impacts on cultural resources for the proposed project. An impact would be considered significant if it would affect a resource eligible for listing in the National Register of Historic Places (NRHP) or the California Register of Historical Resources (CRHR) or if it is identified as a unique archaeological or Tribal Cultural Resources (TCRs).

Federal-level Evaluation Processes

Federal agencies are required to consider the effects of their actions on historic properties and afford the Advisory Council on Historic Preservation (ACHP) a reasonable opportunity to comment on such undertakings under NHPA Section 106 (36 Code of Federal Regulations [CFR] 800). Additionally, federal agencies are responsible for initiating NHPA Section 106 review and completing the steps outlined in these regulations. They must determine whether NHPA Section 106 applies to a given project and, if so, initiate review in consultation with the State Historic Preservation Officer (SHPO) and/or Tribal Historic Preservation Officer (THPO). Federal agencies are also responsible for involving the public and other interested parties. Furthermore, NHPA Section 106 requires that any federal or federally assisted undertaking, or any undertaking requiring federal licensing or permitting, consider the effect of the action on historic properties listed in or eligible for the NRHP. Under the Code of Federal Regulations (36 CFR Part 800.8), federal agencies are specifically encouraged to coordinate compliance with NHPA Section 106 and the NEPA process. The implementing regulations "Protection of Historic Properties" are found in 36 Code of Federal Regulations Part 800. Resource eligibility for listing on the NRHP is detailed in 36 Code of Federal Regulations Part 63 and the criteria for resource evaluation are found in 36 Code of Federal Regulations Part 60.4 (a-d).

The NHPA established the NRHP as the official federal list for cultural resources that are considered important for their historical significance at the local, state, or national level. To be determined eligible for listing in the NRHP, properties must meet specific criteria for historic significance and possess certain levels of integrity of form, location, and setting. The criteria for listing on the NRHP include—significance in American history, architecture, archaeology, engineering, and culture as present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association. In addition, a resource must meet one or all of these eligibility criteria:

A. Is associated with events that have made a significant contribution to the broad patterns of our history; or

B. Is associated with the lives of persons significant in our past; or

C. Embodies the distinctive characteristics of a type, period, or method of construction; represent the work of a master; possess high artistic values, represent a significant and distinguishable entity whose components may lack individual distinction; or

D. That have yielded, or may be likely to yield, information important in prehistory or history.

Criterion D is usually reserved for archaeological resources. Eligible properties must meet at least one of the criteria and exhibit integrity, measured by the degree to which the resource retains its historical properties and conveys its historical character.

Criteria Considerations

Ordinarily cemeteries, birthplaces, graves of historical figures, properties owned by religious institutions or used for religious purposes, buildings that have been moved from their original locations, reconstructed historic buildings, properties primarily commemorative in nature, and properties that have achieved significance within the past 50 years shall not be considered eligible for the NRHP. However, such properties will qualify if they are integral parts of districts that do meet the criteria or if they fall within the following categories:

A. A religious property deriving primary significance from architectural or artistic distinction or historical importance.

B. A building or structure removed from its original location, but which is primarily significant for architectural value, or which is the surviving structure most importantly associated with a historic person or event.

C. A birthplace or grave of a historical figure of outstanding importance if there is no appropriate site or building associated with his or her productive life.

D. A cemetery that derives its primary importance from graves of persons of transcendent importance, from age, from distinctive design features, or from association with historic events.

E. A reconstructed building when accurately executed in a suitable environment and presented in a dignified manner as part of a restoration master plan, and when no other building or structure with the same association has survived.

F. A property primarily commemorative in intent if design, age, tradition, or symbolic value has invested it with its own exceptional significance.

G. A property achieving significance within the past 50 years if it is of exceptional importance.

Thresholds of Significance

In consultation with the SHPO/THPO and other entities that attach religious and cultural significance to identified historic properties, the Lead Agency shall apply the criteria of adverse effect to historic

properties within the Area of Potential Effect (APE). The Lead Agency official shall consider the views of consulting parties and the public when considering adverse effects.

Federal Criteria of Adverse Effects

Under federal regulations, 36 Code of Federal Regulations Part 800.5, an adverse effect is found when an undertaking alters, directly or indirectly, any of the characteristics of a historic property that qualifies the property for inclusion in the NRHP in a manner that diminishes the integrity of the property's location, design, setting, materials, workmanship, feeling, or association. Consideration will be given to all qualifying characteristics of a historic property, including those that may have been identified subsequent to the original evaluation of the property's eligibility for listing in the NRHP. Adverse effects may include reasonably foreseeable effects caused by the undertaking that may occur later in time, be farther removed in distance, or be cumulative.

According to 36 Code of Federal Regulations Part 800.5, adverse effects on historic properties include, but are not limited to, those listed below:

- Physical destruction of or damage to all or part of the property.
- Alteration of a property, including restoration, rehabilitation, repair, maintenance, stabilization, hazardous material remediation, and provision of handicapped access, which is not consistent with the U.S. Secretary of the Interior's Standards for the Treatment of Historic Properties per 36 Code of Federal Regulations Part 68 and applicable guidelines.
- Removal of the property from its historic location.
- Change of the character of the property's use or of physical features within the property's setting that contribute to its historic significance.
- Introduction of visual, atmospheric, or audible elements that diminish the integrity of the property's significant historic features.
- Neglect of a property that causes its deterioration, except where such neglect and deterioration are recognized qualities of a property of religious and cultural significance to an Indian tribe or Native Hawaiian organization.
- Transfer, lease, or sale of property out of federal ownership or control without adequate and legally enforceable restrictions or conditions to ensure long-term preservation of the property's historic significance.

If Adverse Effects are Found

If adverse effects are found, the agency official shall continue consultation as stipulated at 36 Code of Federal Regulations Part 800.6. The agency official shall consult with the SHPO/THPO and other consulting parties to develop alternatives to the undertaking that could avoid, minimize, or mitigate adverse effects to historic resources. According to 36 Code of Federal Regulations Part 800.14(d), if adverse effects cannot be avoided then standard treatments established by the ACHP may be used as a basis for Memorandum of Agreement (MOA).

According to 36 Code of Federal Regulations Part 800.11(e), the filing of an approved MOA, and appropriate documentation, concludes the NHPA Section 106 process. The MOA must be signed by all consulting parties and approved by the ACHP prior to construction activities. If no adverse effects are found and the SHPO/THPO or the ACHP do not object within 30 days of receipt, the agencies' responsibilities under NHPA Section 106 will be satisfied upon completion of report and documentation as stipulated in 36 Code of Federal Regulations Part 800.11. The information must be made available for public review upon request, excluding information covered by confidentiality provisions.

State Level Evaluation Processes

For the purposes of CEQA, cultural resources are broadly divided into the following four categories:

- **Historic Resources**: Historic resources typically refer to buildings, structures, and locations that maintain a connection or association with significant events, individuals, or architectural trends from California's past.
- **Archaeological Resources:** Archaeology is the study of artifacts and material culture with the aim of understanding human activities and cultures in the past. Archaeological resources may be associated with prehistoric indigenous cultures as well as historic periods.
- **Burial Sites and Cemeteries:** Burial sites and cemeteries are formal or informal locations where human remains have been interred.
- **Tribal Cultural Resources:** TCRs include sites, features, places, or objects that are of cultural value to one or more California Native American tribes.

More specifically, cultural resources may be understood as resources that have been formally recognized by a lead agency and/or are listed or determined eligible for listing on the CRHR (Public Resources Code [PRC] § 5024.1, Title 14 California Code of Regulations [CCR] § 4852). An archaeological site may be considered a historical resource if it is significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California per Public Resources Code Section 5020.1(j) or if it meets the criteria for listing on the CRHR per California Code of Regulations at Title 14 California Code of Regulations Section 4850.

The most recent amendments to the CEQA Guidelines direct lead agencies to first evaluate an archaeological site to determine whether it meets the criteria for listing in the CRHR. If an archaeological site is a historical resource, in that it is listed or eligible for listing in the CRHR, potential adverse impacts to it must be considered as stated in Public Resources Code Sections 21084.1 and 21083.2(l). If an archaeological site is considered not to be a historical resource but meets the definition of a "unique archaeological resource" as defined in Public Resources Code Section 21083.2, then it would be treated in accordance with the provisions of that section.

With reference to Public Resources Code Section 21083.2, each site found within a project area will be evaluated to determine whether it is a unique archaeological resource. A unique archaeological resource is described as an archaeological artifact, object, or site about which it can be clearly

demonstrated that, without merely adding to the current body of knowledge, there is a high probability that it meets one or more of the following criteria:

1. Contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information.
2. Has a special and particular quality such as being the oldest of its type or the best available example of its type.
3. Is directly associated with a scientifically recognized important prehistoric or historic event or person.

As used in this report, "non-unique archaeological resource" means an archaeological artifact, object, or site that does not meet the criteria for eligibility for listing on the CRHR, as noted in subdivision (g) of Public Resources Code Section 21083.2. A non-unique archaeological resource requires no further consideration, other than simple recording of its components and features. Isolated artifacts are typically considered non-unique archaeological resources. Historic structures that have had their superstructures demolished or removed can be considered historic archaeological sites and are evaluated following the processes used for prehistoric sites. Finally, the California Office of Historic Preservation (OHP) recognizes an age threshold of 45 years. Cultural resources built less than 45 years ago may qualify for consideration but only under the most extraordinary circumstances.

Title 14, California Code of Regulations, Chapter 3 Section 15064.5 is associated with determining the significance of impacts to archaeological and historical resources. Here, the term historical resource includes the following:

1. A resource listed in, or determined eligible by the State Historical Resources Commission, for listing in the CRHR (PRC § 5024.1; Title 14 CCR, § 4850 *et seq*.).
2. A resource included in a local register of historical resources, as defined in Public Resources Code Section 5020.1(k) or identified as significant in a historical resource survey meeting the Public Resources Code Section 5024.1(g) requirements, shall be presumed to be historically or culturally significant. Public agencies must treat any such resource as significant unless the preponderance of evidence demonstrates that it is not historically or culturally significant.
3. Any object, building, structure, site, area, place, record, or manuscript, which a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California may be considered a historical resource, provided the lead agency's determination is supported by substantial evidence in light of the whole record. Generally, a resource shall be considered by the lead agency to be historically significant if the resource meets the criteria for listing on the California Register of Historical Resources (PRC § 5024.1; Title 14 CCR § 4852) including the following:
    A. Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.
    B. Is associated with the lives of persons important in our past.

C. Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values.
D. Has yielded, or may be likely to yield, information important in prehistory or history.

Typically, archaeological sites exhibiting significant features qualify for the CRHR under Criterion D because such features have information important to the prehistory of California. A lead agency may determine that a resource may be a historical resource as defined in Public Resources Code Sections 5020.1(j) or 5024.1 even if it is:

- Not listed in or determined to be eligible for listing in the CRHR.
- Not included in a local register of historical resources pursuant to Public Resources Code Section 5020.1(k).
- Identified in a historical resources survey per Public Resources Code Section 5024.1(g).

Thresholds of Significance

If a project will have a significant impact on a cultural resource, several steps must be taken to determine whether the cultural resource is a "unique archaeological resource" under CEQA. If analysis and/or testing determine that the resource is a unique archaeological resource and therefore subject to mitigation prior to development, a threshold of significance should be developed. The threshold of significance is a point where the qualities of significance are defined, and the resource is determined to be unique under CEQA. A significant impact is regarded as the physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of the resource will be reduced to a point that it no longer meets the significance criteria. Should analysis indicate that project development will destroy the unique elements of a resource; CEQA regulations require that the project implement appropriate and feasible mitigation measures. The preferred form of mitigation is to preserve the resource in place, in an undisturbed state. However, as that is not always possible or feasible, appropriate mitigation measures may include, but are not limited to:

1. Planning construction to avoid the resource.
2. Deeding conservation easements.
3. Capping the site prior to construction.

If a resource is determined to be a "non-unique archaeological resource," no further consideration of the resource by the lead agency is necessary.

Tribal Cultural Resources and Tribal Consultation

Under CEQA, TCRs refer to sites, features, places, cultural landscapes, sacred places, and objects with cultural value to one or more California Native American tribes. To be considered significant under CEQA, these resources must also be included or determined eligible for inclusion in the CRHR or a local register of historical resources or be determined significant pursuant to the criteria set forth in subdivision (c) of Section 5024.1 by the lead agency (PRC § 21074).

Cultural resource assessment reports will often include the results from a Native American Heritage Commission (NAHC) Sacred Lands File search and outreach to Native American Representatives Identified as potentially having interest or information on the project area by the NAHC. The primary process for identifying and evaluating potential impacts to TCRs, however, is through government-to-government consultation between the CEQA lead agency and Native American tribes pursuant to the following California statutes.

California Senate Bill 18

Senate Bill (SB) 18 states that prior to a local (city or county) government's adoption of any General Plan or Specific Plan, or amendment to General and Specific Plans, or a designation of open space land proposed on or after March 1, 2005, the city or county shall conduct consultations with California Native American tribes for the purpose of preserving or mitigating impacts to Cultural Places. Consultations are for the purpose of preserving or mitigating impacts to places, features, and objects described in Sections 5097.9 and 5097.993 of the Public Resources Code that may be affected by the proposed adoption or amendment to a general or specific plan. According to the Government Code Section 65352.4, "consultation" is defined as:

> *The meaningful and timely process of seeking, discussing, and carefully considering the views of others, in a manner that is cognizant of all parties' cultural values and, where feasible, seeking agreement. Consultation between government agencies and Native American tribes shall be conducted in a way that is mutually respectful of each party's sovereignty. Consultation shall also recognize the tribes' potential needs for confidentiality with respect to places that have traditional tribal cultural significance.*

SB 18 requires public notice to be sent to tribes listed on the NAHC's SB 18 Tribal Consultation list within the geographical areas affected by the proposed changes. Tribes must respond to a local government notice within 90 days (unless a shorter time frame has been agreed upon by the tribe), indicating whether or not they want to consult with the local government. Notice must be sent regardless of prior consultation, and it is suggested that local governments send written notice by certified mail with return receipt requested.

California Assembly Bill 52

Assembly Bill (AB) 52 was signed into law on September 25, 2014, and provides that any public or private "project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment." TCRs include "sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe that are eligible for inclusion in the CRHR or included in a local register of historical resources." AB 52 formally added the category of "tribal cultural resources" to CEQA and extends the consultation and confidentiality requirements to all projects, rather than just projects subject to SB 18 as discussed above.

AB 52 requires a lead agency to notify and offer the opportunity for consultation to a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project, if the tribe has previously requested in writing to be informed by the lead agency of proposed projects in their geographic area. This notification must be sent prior to determining whether a negative declaration, mitigated negative declaration, or environmental impact report is required for a

project. Tribes must respond to the notice within 45 days (unless a shorter time frame has been agreed upon by the tribe), indicating whether or not they want to consult with the lead agency.

The bill makes the above provisions applicable to projects that have a notice of preparation, or a notice of negative declaration filed or mitigated negative declaration on or after July 1, 2015. The parties must consult in good faith, and consultation is deemed concluded when either: (1) the parties agree to measures to mitigate or avoid a significant effect on a tribal cultural resource (if such a significant effect exists); or (2) when a party concludes that mutual agreement cannot be reached. Mitigation measures agreed upon during consultation must be recommended for inclusion in the environmental document. AB 52 also identifies mitigation measures that may be considered to avoid significant impacts if there is no agreement on appropriate mitigation. Recommended measures include:

- Preservation in place.
- Protecting the cultural character and integrity of the resource.
- Protecting the traditional use of the resource.
- Protecting the confidentiality of the resource.
- Permanent conservation easements with culturally appropriate management criteria.

Local Regulations

Kern County General Plan 2040

1.10.3 Archaeological, Paleontological, Cultural, and Historical Preservation

Policy

Policy 25 The County will promote the preservation of cultural and historic resources which provide ties with the past and constitute a heritage value to residents and visitors.

Implementation Measures

K Coordinate with the California State University, Bakersfield's Archaeology Inventory Center.

L The County shall address archaeological and historical resources for discretionary projects in accordance with the California Environmental Quality Act (CEQA).

M In areas of known paleontological resources, the County should address the preservation of these resources where feasible.

N The County shall develop a list of Native American organizations and individuals who desire to be notified of proposed discretionary projects. This notification will be accomplished through the established procedures for discretionary projects and CEQA documents.

O On a project specific basis, the County Planning Department shall evaluate the necessity for the involvement of a qualified Native American monitor for grading or other construction activities on discretionary projects that are subject to a CEQA document.

Appendix F

Paleontological Resources Assessment

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FCS
An ADEC Innovation

Airport Commerce Center Industrial Project

Final Paleontological Resources Assessment

Kern County, California

PREPARED FOR:

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May 16, 2025

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Table of Contents

1 - Project Summary 1
1.1 - Purpose and Scope 1
1.2 - Dates of Investigation 1
1.3 - Result of Investigation 1
1.4 - Conclusion and Recommendations 2
1.5 - Disposition of Data 3
2 - Introduction 5
2.1 - Definition of Paleontological Resources 13
3 - Resource Assessment Guidelines 15
3.1 - Laws, Ordinances, Regulations, and Standards 15
3.2 - Paleontological Sensitivity 17
4 - Project Location and Description 19
4.1 - Project Location 19
4.2 - Project Description 19
5 - Methods 21
5.1 - Paleontological Literature Review 21
5.2 - Preliminary Locality Search 22
5.3 - San Bernardino County Museum Records Search 23
5.4 - Field Investigation 23
6 - Analysis 25
7 - Conclusions 27
8 - Recommended Mitigation Measures 29
9 - References 31

Appendix A: Professional Qualifications

Appendix B: Record Search Results

Tables

Table 1: Paleontological Sensitivity by Geological Formation 25

Exhibits

Exhibit 1: Local Vicinity Map Topographic Base 7
Exhibit 2: Local Vicinity Map Aerial Base 9
Exhibit 3: Geologic Map 11

1 - PROJECT SUMMARY

1.1 - Purpose and Scope

At the request of ACC Bakersfield JV, LLC (project applicant), FirstCarbon Solutions (FCS) conducted a Paleontological Resources Assessment (PRA) for the Airport Commerce Center Industrial Project (proposed project) located in unincorporated Kern County, California, within the Metropolitan Bakersfield area. The purpose of this assessment is to identify the potential for existing and undiscovered paleontological resources at the project site and to provide recommendations for mitigation measures to be incorporated during construction of the proposed project. The PRA was performed in accordance with the Society of Vertebrate Paleontology (SVP) Standard Procedures (2010) and the California Environmental Quality Act (CEQA). Professional Qualifications can be found in Appendix A.

This report includes an extensive evaluation of geologic maps and a paleontological literature review of the region, a preliminary locality search, a paleontological records search conducted by the San Bernardino County Museum (SBCM), and a field investigation (Appendix B).

1.2 - Dates of Investigation

Records search requests were submitted to the SBCM on February 24, 2025, in Redlands, California, for the project site and a 1-mile radius beyond project boundaries. The museum records search results were received on March 27, 2025. The paleontological literature review and preliminary locality search were conducted between February 10 and March 19, 2025, and analyzed the paleontological and geological setting of the project area and the south Great Valley geomorphic province, including evaluating surface and subsurface conditions and previous findings of paleontological resources in the region through published reports and geologic maps. The University of California Museum of Paleontology (UCMP) locality database was reviewed prior to obtaining the records search from the SBCM or conducting a field investigation on the project site to determine the potential extent of documented fossil localities in Kern County, and those uncovered from the rock units analyzed in the paleontological literature review and geologic maps. The field investigation was performed on March 10, 2025, by FCS Principal Paleontologist Dr. Joe Stewart, who assessed surface and subsurface conditions on the project site to determine the potential to encounter significant paleontological resources during project-related ground disturbance and to ascertain if rock units are consistent with geologic mapping provided by Haydon and Hayhurst (2011).

1.3 - Result of Investigation

There were no nearby established paleontological localities of appropriate age in the records of the museums consulted as the SBCM did not identify any localities from its repository on, or within a 1-mile radius of, the project site. However, evidence has been marshaled to indicate that multiple

nearby localities in the UCMP database are mistakenly assigned to the Kern River Formation (Miocene and Pleistocene Epochs) when they are actually from a Pleistocene fossil soil (paleosol) developed on the surface of the Kern River Formation. Alluvial fans, such as those mapped at the project site and vicinity, are known to contain paleosols in California, and these paleosols often produce significant paleontological resources.

The field investigation was performed on March 10, 2025, by FCS Principal Paleontologist Dr. Joe Stewart to evaluate surface and subsurface conditions on the project site to determine whether ground-disturbing activities during construction of the proposed project could yield significant paleontological resources. Geologic mapping showed the project site to be situated on Holocene alluvial fan deposits (Qf) defined as having unconsolidated cobbles, gravels, sands, and silts recently deposited in a fan-shaped cone by a river or a stream protruding from a canyon or valley higher in elevation (Haydon and Hayhurst 2011). Surface conditions varied on the project site, with clayey soils to the northeast and sandy soils to the southwest. Excavations of the uppermost stratum approximately 1.5 feet below the surface identified sandy soils, and well-rounded cobbles with coatings of caliche were further observed in a gully situated to the southwest. Three types of fossils were observed at the surface, including two bone fragments probably brought to the surface from bioturbation, a single tooth fragment from a small mammal, and marine bivalve fragments likely introduced to the site. The field investigation concluded that surface conditions are similar to the Holocene alluvial fan deposits (Qf) from provided geological mapping and that uncovering significant paleontological resources in the uppermost stratum to be unlikely due to the relatively young age of the surficial deposits. However, significant paleontological resources could be present in older alluvial fans at greater depths beneath the uppermost stratum.

Results of the paleontological literature review are detailed below. The records search obtained from the SBCM are included in Appendix B.

1.4 - Conclusion and Recommendations

Based on the results of the paleontological literature review, the preliminary locality search, the paleontological records search from the SBCM, and the field investigation, FCS considers the potential of the proposed project to have an adverse effect on significant paleontological resources to be low at the surface and uppermost stratum within the Holocene alluvial fan deposits (Qf) and high at greater depths within the Pleistocene alluvial fan deposits and possibly the Kern River Formation. The results from the paleontological literature review indicated that sedimentary deposits composing the stratigraphy beneath the project area have high paleontological potential based on the SVP Standard Procedures (2010) Assessment of the Paleontological Potential of Rock Units and have a history of yielding a variety of marine and terrestrial ranging from the Holocene to middle Miocene in age. The field investigation identified surface conditions consisting of Holocene alluvial fan deposits (Qf) composed of clay and sandy soils and well-rounded cobbles too young for the preservation of significant paleontological resources. As such, the paleontological literature review and the field investigation determined the possibility for presence of any significant paleontological resources to be low at the surface and uppermost stratum associated with the Holocene alluvial fan deposits (Qf) and

high at greater depths where the Pleistocene alluvial fan deposits and, possibly, the Kern River Member of the Kern River Formation underly the Holocene alluvial fan deposits (Qf). Excavations during the construction of the proposed project are expected to involve 25-foot cuts, which could expose the older Holocene and Pleistocene alluvial fans and possibly the Kern River Formation. Additionally, the records search from the SBCM identified no localities on the project site or within a 1-mile radius from the project boundaries. However, the SBCM identified fossil localities curated within its repository that were located approximately 2–3 miles northeast of the project site that are associated with the upper stratigraphy of the Kern River Formation, likely Pliocene in age, which included an assemblage of permineralized microfauna remains and bone fragments from larger taxa. The SBCM records search also identified the proposed project site to be situated on fossiliferous Pleistocene alluvial sediments as mapped by Smith (1964) and Bedrossian et al. (2012) and confirmed the Kern River Formation to be exposed approximately 1–3 miles to the northeast, possibly underlying the Pleistocene alluvial sediments on the project site. The SBCM classified the Kern River Formation as having high paleontological sensitivity.

As such, FCS concludes that the proposed recommended mitigation measures, which require the preparation of a Paleontological Resources Impact Mitigation Monitoring Program (PRIMMP) by a qualified professional Paleontologist meeting SVP Standard Procedures (2010), a project-wide paleontological Worker Environmental Awareness Program (WEAP) training for construction personnel, full-time paleontological monitoring of ground-disturbing activities for the underlying high potential rock units and part-time paleontological monitoring for the low potential rock units in the uppermost stratum, the proper removal, analysis, identification, preparation, and curation of uncovered fossils to a recognized repository, and the preparation of a final monitoring and mitigation report by the qualified professional Paleontologist, are sufficient to protect and preserve any paleontological resources that may be encountered over the course of project construction. These mitigation measures were developed in accordance with the most recent SVP Standard Procedures (2010) and CEQA Guidelines.

1.5 - Disposition of Data

This report will be filed with ACC Bakersfield JV, LLC and with the Kern County Planning and Natural Resources Department. A copy will be retained at FCS.

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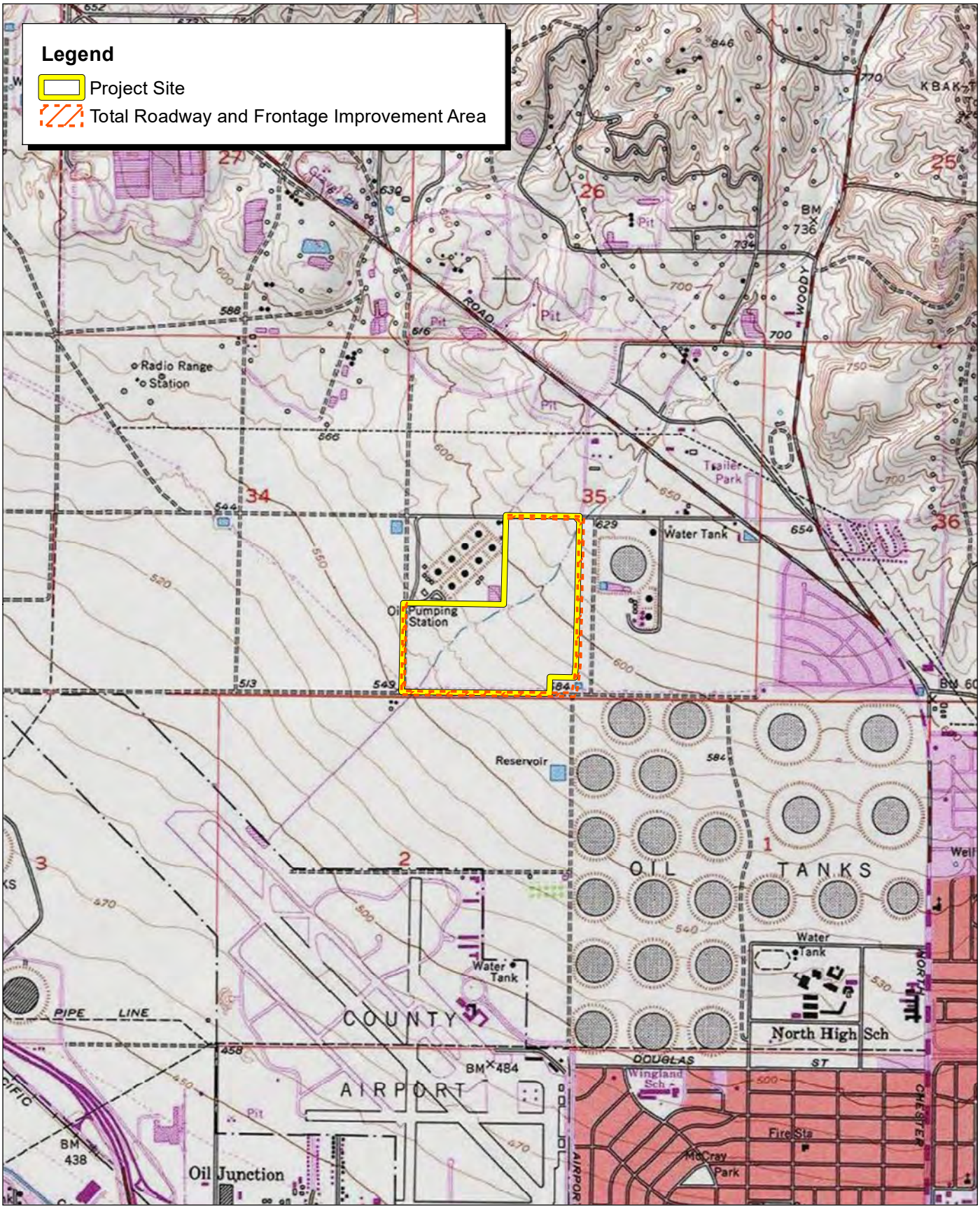
2 - INTRODUCTION

The proposed project is located in unincorporated Kern County and lies in the SW ¼ Section 6, T 28 S, R 27, E, on the *Oildale, California* United States Geological Survey (USGS) 7.5-minute Topographic Quadrangle Map (Exhibit 1 and Exhibit 2). FCS was retained by the project applicant to conduct a PRA. This PRA presents information from geological and paleontological literature review to analyze regional surface and subsurface conditions, rock units, and previously discovered paleontological resources associated with those analyzed geological conditions. The report also presents findings from a records search conducted by the SBCM along with the field investigation carried out on the project site and recommendations for the mitigation of construction impacts to paleontological resources.

The project site is situated on surficial sediments from nonmarine Late Holocene alluvial fan deposits (Qf) surrounded by older Pleistocene alluvial fan deposits and the Kern River Formation, exposed approximately 1–3 miles to the northeast. Because of the Holocene alluvial fan deposits (Qf) being in direct proximity and surrounded by older deposits, it is likely that these surficial sediments on the project site overly the older Pleistocene alluvial fan deposits, while the Kern River Formation probably underlies both the Pleistocene alluvial fan deposits and the Late Holocene alluvial fan deposits (Qf) at greater depths. The Late Holocene alluvial fan deposits (Qf) are classified as containing unconsolidated sediments that were recently deposited by flowing water from higher elevations within a confined valley or canyon, with surficial conditions on the project site confirmed to consist of a hardened sandy and clayey texture with a low moisture content approximately 1.5 feet below the surface, and thickly-coated well-rounded cobbles with caliche within a gully on the southwestern portion of the project site.

The combination of geologic mapping of the project area from Haydon and Hayhurst (2011) and Bartow (1984) and the paleontological literature review with publications from Bartow and Pittman (1983), Bell et al. (1995), and Fay and Thiessen (1993), indicates the surficial sediments in the project area to be nonmarine Late Holocene alluvial fan deposits (Qf). An excerpt from the mapping of Haydon and Hayhurst is reproduced in Exhibit 3. Haydon and Hayhurst (2011) show that the geologic units surrounding the Late Holocene fan deposits on which the project lies are all older alluvial fans. Therefore, logic dictates that older alluvial fans underlie the Late Holocene alluvial fan deposits (Qf). The same mapping shows that the Kern River Formation underlies the alluvial fans. The SBCM was consulted to perform a records search and to provide any additional information on the palaeontologic and geologic setting of the project area. The SBCM provided geologic information of the project area by using geological mapping and recognized the project site to be located on Pleistocene alluvial sediments (Qoa/Qc) rather than Holocene alluvial fan deposits (Qf), as previously mentioned, with the Kern River Formation exposed approximately 1–3 miles northeast of the project site (Bedrossian et al. 2012; Smith 1964) The SBCM specified that the Kern River Formation may be situated at greater depths beneath the Pleistocene alluvial sediments (Qoa/Qc) within the project boundaries.

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Project Site Source: USGS Oildale 7.5' Quadrangle / T28S, R27E, sec 34, 35; T29S, R27E, sec 2.

FIRSTCARBON SOLUTIONS™

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Exhibit 1
Local Vicinity Map Topographic Base

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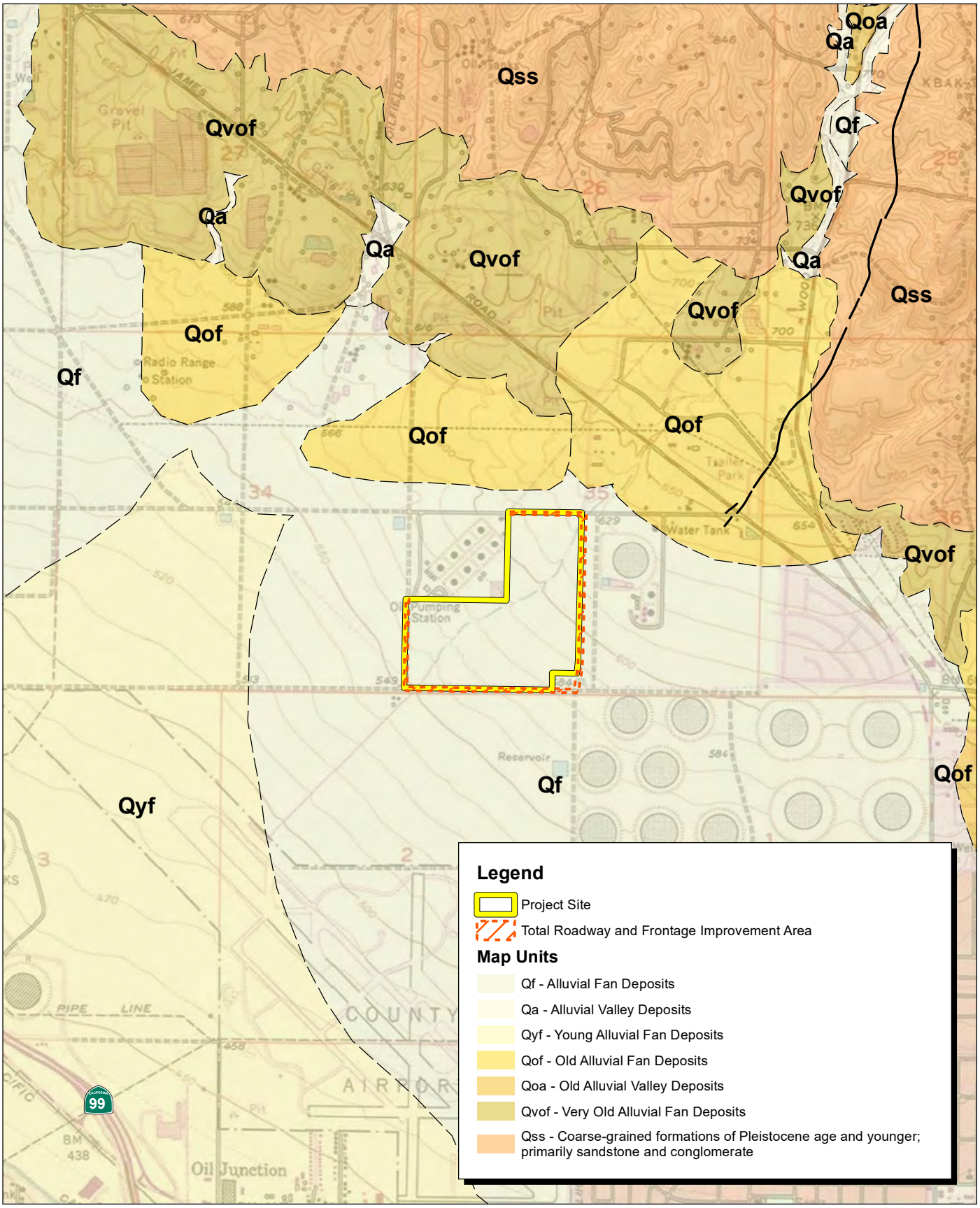
Source: Bing Aerial Imagery. New Gen Engineering Group, Inc. dba McIntosh & Associates, 02/12/2025.

FIRSTCARBON SOLUTIONS™

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Exhibit 2
Local Vicinity Map Aerial Base

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Source: USGS Oildale 7.5' Quadrangle. New Gen Engineering Group, Inc. dba McIntosh & Associates, 02/12/2025.
Geologic Compilation of Quaternary Surficial Deposits in Southern California. Department of Conservation, California Geological Suvey.

FIRSTCARBON SOLUTIONS™

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Exhibit 3
Geologic Map

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ACC BAKERSFIELD JV, LLC
AIRPORT COMMERCE CENTER INDUSTRIAL PROJECT
PALEONTOLOGICAL RESOURCES ASSESSMENT

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The field investigation further confirmed surface sediments to comprise of Holocene alluvial fan deposits (Qf) as mapped by Haydon and Hayhurst (2011) with surficial soils varying from sandy to clayey in texture, which hardened at depths 1.5 feet below the surface because of a lack of moisture, and well-rounded cobbles with thick coatings of caliche were observed in and around a gully on the southwest side of the project site. These apparently had been moved from the site where the caliche was acquired to their present location.

CEQA Guidelines for fossil preservation and the Standard Procedures of the Society of Vertebrate Paleontology (2010) were utilized as evaluation criteria and to define paleontological resources that require protection and preservation.

2.1 - Definition of Paleontological Resources

Paleontological resources are the preserved remains of prehistoric organisms known as fossils which include vertebrates, invertebrates, plants, and microscopically small organisms that are dated to be middle Holocene or older in age. Paleontological resources can be in the form of body fossils providing direct evidence of ancient organisms, such as shells, bones, and teeth, or trace fossils consisting of evidence previously left by the organism serving as an indication of past life forms, like footprints, burrows, and trails. Fossils can be preserved through numerous natural processes, such as petrification where mineral-rich fluids within the sediment harden and replace the organic material of a body fossil with minerals; can consist of molds which contain a void or shape of the original organic material which decomposed within the sediment or rock unit; or can be casts which provide an impression of the original organic material through the filling and compression of sediment into the mold. Areas that contain a higher abundance and distribution of paleontological resources are usually environments of deposition that are geographically associated with lower lying basins consisting of shallow and immobile water bodies or marine environments along the coastline and are geologically affiliated with sedimentary and low-grade metamorphic rocks, including fine-grained fluvial sandstones, marine sandstones, or argillaceous paleosols. Fossils are considered nonrenewable resources that present evidence of previous life, serving as important academic and scientific resources which provide the opportunity to reconstruct natural and geological processes that have occurred to obtain a better understanding of paleoenvironments, paleoclimates, and ecosystems and the processes that contributed to the evolution and extinction of previous life. As such, fossils are required protection by many federal, State, and local standards and regulations for construction projects that involve ground-disturbing activities on both public and private lands.

2.1.1 - California Environmental Quality Act and Fossil Preservation

CEQA addresses the potential adverse impacts that a construction project may have on unique paleontological resources. It protects “unique paleontological resources” but does not define these resources. However, not all paleontological resources require protection, such as dense and locally abundant concentrations of invertebrate fossils where construction activities do not threaten the overall plentitude of the availability of the specimen. Paleontological resources that are classified as significant by CEQA practitioners and are considered as requiring protection are fossils or fossil

assemblages that are diagnostic, consisting of distinctive and anatomical characteristics that allow the specimen to be identified with a certain extent of precision. These resources include fossils of marine and terrestrial vertebrates or the remains of plants and animals not represented in certain portions of the stratigraphy that provide scientific information either on the evolutionary relationship and development trends between living and extinct organisms, in determining the age of rock units and geologic events that occurred in a specific region, on the development and interaction between biological communities, and in demonstrating uncommon events in the history of life; or those that are rare and endemic to their geographic location and are threatened with depletion. In some cases, fossils that are nondiagnostic can be characterized as significant under limited circumstances, such as those resources exhibiting weathering or other indications of taphonomy processes or fossiliferous sediments that may yield microfossils and, therefore, would require protection under CEQA (Scott and Springer. 2003).

2.1.2 - Society of Vertebrate Paleontology Standard Guidelines

The SVP Standard Procedures (2010) states: “Significant paleontological resources are fossils and fossiliferous deposits, here define as consisting of identifiable vertebrate fossils, large or small, uncommon invertebrate, plant, and trace fossils, and other data that provide taphonomic, taxonomic, phylogenetic, paleoecologic, stratigraphic, and/or biochronologic information. Paleontological resources are considered to be older than recorded human history and/or older than middle Holocene (i.e., older than about 5,000 radiocarbon years).”

3 - RESOURCE ASSESSMENT GUIDELINES

Paleontological resources are limited, nonrenewable resources of scientific, cultural and educational value, and are afforded protection under federal, State, and local rules and regulations. This study satisfies project requirements in accordance with CEQA (13 Public Resources Code [PRC] 2100, *et seq*.) and complies with guidelines and significance criteria specified by the SVP Standard Procedures (2010).

3.1 - Laws, Ordinances, Regulations, and Standards

Fossils are classified as nonrenewable scientific resources and are protected by various laws, ordinances, regulations, and standards across the country. No federal legislation is pertinent to the proposed project.

3.1.1 - State Laws

California Environmental Quality Act

CEQA provides protection for paleontological resources through environmental legislation. Direction regarding significant impacts on paleontological resources is found under Appendix G (Part V) of the CEQA Guidelines. CEQA Guidelines state, “A project will normally result in a significant impact on the environment if it will . . . disrupt or adversely affect a paleontological resource or unique geologic feature, except as part of a scientific study.” As stated in Public Resources Code Section 5097.5, it is unlawful to remove paleontological remains without authorization and can result in a misdemeanor. In addition, Section 622.5 of the California Penal Code sets the penalties for damage or removal of paleontological resources.

The procedures, types of activities, persons, and public agencies required to comply with CEQA are defined in the Guidelines for Implementation of CEQA (CEQA Guidelines), as amended on March 18, 2010 (Title 14, Section 15000, *et seq.* of the California Code of Regulations [i.e., 14 CCR § 15000, *et seq*.]) and further amended January 4, 2013. One of the questions listed in the CEQA Environmental Checklist is: “Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?” (CEQA Guidelines § 15064.5 and Appendix G, Section V, Part C).

California Public Resources Codes

The California Public Resources Codes are a compilation of California statutes pertaining to the utilization, conservation, and preservation of California’s natural resources. The Public Resource Codes addressing paleontological resources are provided below.

California Public Resource Code Section 5097.5 prohibits the intentional removal or damaging of archaeological or paleontological resources on public lands except with the permission of the public agency with jurisdiction over those public lands. The deliberate defacing of archaeological and

paleontological resources is subject to a misdemeanor and restitution for the resource at fair market value based on scientific information prior to the damaging of the resource.

California Public Resource Code Section 30244 requires mitigation measures to be implemented where development would significantly impact archaeological or paleontological resources which are identified by the State Historic Preservation Officer.

3.1.2 - Local Laws

Kern County

Kern County General Plan

The Kern County General Plan is a policy document designed to give guidance to County officials and serves as a guide for decision-makers to ensure future developments that may impact the growth and resources in unincorporated Kern County jurisdiction are in adherence to long-term goals, policies, and implementation measures established to protect and further the interest of the County's growth, development, and resources. The General Provisions of the General Plan establishes goals, policies, and implementation measures that apply to discretionary projects. General Provision 1.10.3 Archaeological, Paleontological, Cultural, and Historical Preservation provides the following policies and implementation measures addressing paleontological resources.

Policy 25 The County will promote the preservation of cultural and historical resources which provide ties with the past and constitute a heritage value to residents and visitors.

Measure M In areas of known paleontological resources, the County should address the preservation of these resources where feasible.

3.1.3 - Professional Standards

The SVP Standard Procedures (2010) provide standard professional guidelines and protocols for conducting paleontological resource assessments and surveys, monitoring and mitigation, data and fossil recovery, sampling procedures, and specimen preparation, identification, analysis, and curation. Most practicing professional vertebrate Paleontologists adhere closely to the SVP Standard Procedures (2010) for assessment, mitigation, and monitoring requirements.

As defined by the SVP Standard Procedures (2010), significant paleontological resources are fossils and fossiliferous deposits consisting of identifiable vertebrate fossils, large or small, uncommon invertebrate, plant, and trace fossils, and other data that provide taphonomic, taxonomic, phylogenetic, paleoecologic, stratigraphic, and/or biochronologic information. Paleontological resources are considered to be older than recorded human history and/or older than middle Holocene (i.e., older than about 5,000 radiocarbon years). Any identifiable vertebrate fossil older than about 5,000 radiocarbon years is considered a significant paleontological resource.

3.2 - Paleontological Sensitivity

The SVP Standard Procedures (2010) provides standard guidelines for assessing the potential adverse impacts that construction projects may have on paleontological resources and measures to mitigate those impacts that can be applied to both private and public lands under local, State, and federal agencies. The SVP Standard Procedures (2010) classifies rock units in its Assessment of the Paleontological Potential of Rock Units based on having either high, undetermined, low, or no paleontological potential, which is defined as either having the potential for yielding abundant or significant vertebrate fossils or a few large or small, vertebrate, invertebrate, plant, or trace fossils, or rock units containing fossils that may provide new and significant taxonomic, phylogenic, paleoecologic, taphonomic, biochronologic, or stratigraphic data.

3.2.1 - High Potential

Rock units from which vertebrate or significant invertebrate, plant, or trace fossils have been recovered are considered to have a high potential for containing additional significant paleontological resources. Rock units classified as having high potential for producing paleontological resources include, but are not limited to, sedimentary formations and some volcaniclastic formations (e.g., ashes or tephras), some low-grade metamorphic rocks that contain significant paleontological resources anywhere within their geographical extent, and sedimentary rock units temporally or lithologically suitable for the preservation of fossils (e.g., middle Holocene and older, fine-grained fluvial sandstones, argillaceous and carbonate-rich paleosols, cross-bedded point bar sandstones, fine-grained marine sandstones, etc.). Rock units that contain potentially datable organic remains older than Late Holocene, including deposits associated with animal nests or middens, and rock units that may contain new vertebrate deposits, traces, or trackways, are also classified as having high potential.

3.2.2 - Undetermined Potential

Rock units for which little information is available concerning their paleontological content, geologic age, and depositional environment are considered to have undetermined potential. Further study is necessary to determine whether these rock units have high or low potential to contain significant paleontological resources. A field survey by a qualified professional Paleontologist to specifically determine the paleontological resource potential of these rock units is required before a paleontological resource impact mitigation program can be developed. In cases where no subsurface data are available, paleontological potential can sometimes be determined by strategically located excavations into subsurface stratigraphy.

3.2.3 - Low Potential

Reports in the paleontological literature or field surveys by a qualified professional Paleontologist may allow determination that some rock units have low potential for yielding significant fossils. Such rock units will be poorly represented by fossil specimens in institutional collections, or, based on general

scientific consensus, only preserve fossils in rare circumstances, and the presence of fossils is the exception not the rule (e.g., basalt flows or recent colluvium). Rock units with low potential typically will not require impact mitigation measures to protect fossils.

3.2.4 - No Potential

Some rock units have no potential to contain significant paleontological resources, for instance high-grade metamorphic rocks (such as gneisses and schists) and plutonic igneous rocks (such as granites and diorites). Rock units with no potential require no protection nor impact mitigation measures relative to paleontological resources.

3.2.5 - Assessment Before Construction Starts

The SVP Standard Procedures (2010) determines that project sites with rock units classified as high, low, and undetermined paleontological potential should undergo a pre-construction paleontological resource impact assessment before ground-disturbing activities are implemented. A pre-construction assessment should include, but may not be limited to, performing a literature review and a records search from a relevant institution to give a baseline for determining the extent of previous fieldwork and fossil recovery in the surrounding area, conducting a field survey to determine the paleontological potential of rock units on the project site, arranging a repository agreement with the applicable institution, and administering pre-excavation meetings with the lead agency and the project proponent to discuss the laws protecting fossils, the types of fossils that may be uncovered, and procedures to follow if fossils are uncovered during ground-disturbing activities.

3.2.6 - Measures to Mitigate Adverse Impacts from Development

The SVP Standard Procedures (2010) states that project sites that contain rock units classified as having a high or undetermined potential for significant paleontological resources should mitigate the impact of development by implementing measures for the adequate protection or salvaging of such resources. Mitigation measures to reduce the potential adverse impacts from development on significant paleontological resources include monitoring by a qualified professional Paleontologist during ground-disturbing activities, developing proper standards for salvaging, sampling, identifying, preparing, cataloging, curating, and storing uncovered specimens, and the preparation of a final report by the qualified professional Paleontologist summarizing the site geology and methods used for salvaging any identified significant fossils, evaluating and recording the stratigraphic correlations of the rock units and the specimen with geologic units in the surrounding area, and recording any significant findings related to new or rare taxonomy, paleoecology, taphonomy, or other scientific disciplines related to paleontology.

4 - PROJECT LOCATION AND DESCRIPTION

4.1 - Project Location

The approximately 110-acre site is located on undeveloped and vacant land in the Oildale area of unincorporated Bakersfield in Kern County within the *Oildale, California* United States Geological Survey (USGS) 7.5-minute Topographic Quadrangle Map, Township 28 South, Range 27 East, Section 2 on six parcels that correspond to Assessor's Parcel Numbers (APNs) 483-040-32, 483-040-33, 483-040-42, 483-040-43, 483-040-45, and 483-040-46. The project site consists of relatively flat terrain with an elevation of approximately 175 feet above mean sea level (AMSL) and is surrounded by industrial, commercial, and residential land uses with Petrol Road and a tank farm to the north, Airport Drive and vacant undeveloped land to the east, Merle Haggard Drive and vacant undeveloped land to the south, and Landings Way and an Amazon warehouse/logistics facility to the west. The project site is located approximately 1.54 miles east of State Route (SR) 65 and approximately 2.19 miles east of SR-99, which provides regional access to the project site through the 7th Standard Road, which merges directly onto Merle Haggard Drive from the west and intercepts Airport Drive to the south.

4.2 - Project Description

The proposed project would include the construction of an industrial warehouse facility with four single-story warehouses, two quick-serve restaurants, and related on-site and off-site improvements. The four single-story warehouses would have a maximum height of 60 feet above ground level covering a total of 1,505,440 square feet, including 150,544 square feet dedicated to office space, comprised of primarily tilt-up panel construction and articulation of the building corners. The primary function of the warehouses would be industrial manufacturing/assembly to facilitate the manufacturing of food or beverage products and industrial warehouse storage. The two quick-serve restaurants would be constructed near the southeast corner of the project site with access from Merle Haggard Drive and Airport Drive, encompassing approximately 9,410 square feet of building space. Both structures would be of wood frame or metal construction and have a maximum height of 20 feet above ground level, along with providing accessible parking spaces for customers and employees.

The proposed project would include on-site improvements such as landscaping, utilities, stormwater detention, lighting, vehicular circulation, and parking stalls. Landscaping would be comprised of a diverse mixture of native and non-native drought-tolerant trees, shrubs, and groundcovers dispersed along the boundaries of the roadways and throughout the project site. In addition, the on-site storm drain system of ribbon gutters, catch basin inlets, and underground pipes would redirect stormwater runoff toward four bioretention areas covered with detention basin plants totaling approximately 425,033 square feet. Vehicular circulation would consist of a network of internal roadways and multiple on-site access points from the surrounding roadways to provide large delivery trucks with direct access to dock-high doors along the sides of the warehouses. On-site parking would be

accommodated for both the warehouses and quick-serve restaurants with approximately 2,001 painted parking stalls for employees and customers, 401 truck trailer parking stalls, and 46 accessible parking stalls. Furthermore, 102 additional parking spaces would have installed Electric Vehicle Charging Stations (EVCS). Off-site improvements would be constructed along Airport Drive, Merle Haggard Drive, Landings Way, and Petrol Road, including new pavement, curb and gutter, and sidewalk improvements.

5 - METHODS

The methods employed in this report follow the SVP Standard Procedures (2010) within the PRA Before Construction Starts section, which outlines procedures to follow for the assessment of significant paleontological resources on project sites containing rock units with high, low, and undetermined potential. Methods utilized for this report included a paleontological literature review through analyzing geologic maps by Haydon and Hayhurst (2011) and Bartow (1984) and published reports by Bartow and Pittman (1983), Bell et al. (1995), and Fay and Thiessen (1993). An additional database records search using the UCMP database online locality search was performed to provide a baseline for the geographic, geologic, and paleontological environment and to evaluate whether paleontological localities pertinent to this study exist. FCS consulted with the SBCM to request a records search for information on the fossil localities associated with the rock units in the region that are curated at its repository and performed a field investigation on the project site to evaluate surface and subsurface conditions for paleontological potential while comparing identified rock units from mapping provided by Haydon and Hayhurst (2011).

Information provided by the paleontological literature review, preliminary locality search, records search conducted by the SBCM, and field investigation is provided below.

5.1 - Paleontological Literature Review

The project lies within the Great Valley geomorphic province. The Great Valley is an alluvial plain about 50 miles wide and 400 miles long (Wagner 2002) The project site lies toward the southern end of the valley. Surficial sediments of the project footprint are mapped as Late Holocene alluvial fan deposits (Qf) and show that the geologic units surrounding the Late Holocene fan deposits (Qf) on which the project site lies are older alluvial fans (Haydon 2011). Therefore, logic dictates that older alluvial fans underlie the Late Holocene alluvial fan deposits (Qf). Indeed, shallow subsurface sediment in the area consists of extensive older alluvial fans (Qoa_2), with the Kern River Formation underlying the Quaternary sediments in the project area (Bartow 1984).

The rock units that constitute the stratum of the southeastern Great Valley geomorphic province have yielded a variety of vertebrates, invertebrates, and microfossils. Surficial deposits of Holocene to Late Pleistocene age approximately 17 miles southeast of the project site at the Arvin Landfill noted by Fay and Thiessen (1993) furnished bone and tooth fragments representing mammal taxa, one frog, and one lizard, emphasizing the potential of Quaternary vertebrates on the lower western portions of the southern Sierra Nevada. The upper portions of the Kern River Member have provided three localities with remains from the genus Anniella recognized by Bell et al. (1995), representing two extant species of limbless fossorial lizards that are dated within the North American Land Mammal Ages (NALMA) to be Blancan or younger in age, associated with the early Pleistocene epoch. As such, the Anniella localities may relate to the overlying Pleistocene alluvial fans.

Alluvial fans tend to be large and more prominent in arid and semi-arid regions and generally are regarded as characteristic desert landforms. In the context of alluvial fans, the possibility that they sometimes contain paleosols should be considered. There is a growing body of literature on vertebrate fossils recovered from Pleistocene paleosols in California (Stewart et al. 2012; Raum et al. 2014; Stewart and Hakel 2016, 2017, 2019, 2024), where some of these are developed on alluvial fans and others on river terraces.

Studies by Pierce and Scott (1982), Rittler et al. (1993), and Gillespie et al. (1994) report that Quaternary alluvial fans are generally deposited during glacial episodes. In the context of arid parts of California, Shlemon (1980) characterized the Quaternary history of the region as epochs of alluviation followed by relative landscape stability and soils formation. The “relative landscape stability” to which he referred often results in the development of paleosols or relict soils on alluvial fans. Most instances of Pleistocene paleosols in California exhibit pedogenic carbonate in the form of lumps or rhizoliths.

It should be noted that most vertebrate fossils that occur in the Pleistocene paleosols of California are of small reptile, tortoises, reptiles, rodents, and rabbits. These are small fossils. Almost all fossils found in the Pleistocene paleosols are burrowing organisms. The literature on fossiliferous paleosols in Kern County is sparse. Stewart and Hakel (2019) documented ground squirrel fossils in a Pleistocene paleosol in Ridgecrest, California. Bartow and Pittman (1983) mentioned a paleosol in the Kern River Formation near Bakersfield, California. In a study of fossil *Anniella* (legless lizards), Bell et al. (1995) identified three UCMP localities in the Kern River Formation that had produced these lizards. They noted that the specimens might have come from either the top of the Kern River Formation or the base of the Quaternary sediments overlying that formation. These localities are from an oil field and apparently came from underground sediment samples. One of the localities is known as Sovereign #35. That refers to well #35 on the Sovereign and Gas property (ShaleXP 2024). The wells of that property are less than 3 miles east of the project site. As noted above, it is recorded that the Kern River Formation underlies the project area and is overlain by Quaternary sediments. The overlying sediments are specifically alluvial fans which are known to contain paleosols. Furthermore, the fauna recovered from these “Kern River Formation” localities are lizards, snakes, a mole, and heteromyid, geomyid, and cricetid rodents. These are precisely the type of organisms in California Pleistocene paleosol faunas. It is highly probable that these localities are from a Pleistocene paleosol developed upon the Kern River Formation rather than belonging to the Kern River Formation.

5.2 - Preliminary Locality Search

The UCMP provides the UCMP Locality Search, an online database that displays a list of vertebrates, invertebrates, microfossils, and plant localities identified and curated within its institution. The data distributes each locality’s ID along with the County of discovery, the geologic period and epoch, storage age, and sometimes the related rock formation and taxonomy associated with the fossil locality. Although the SVP Standard Procedures (2010) explains that an online search of an institutions records are regularly incomplete and insufficient for determining the number of fossil localities in an area, the UCMP Locality Search was utilized to conduct a preliminary records search to serve as a baseline of the potential extent of fossil localities uncovered in the geographic region

and those rock units identified in the paleontological literature review before consulting with the SBCM and performing a field investigation to provide more detailed records of the surrounding area. A discussion of the localities related to the rock units in the project area indicated by the UCMP Locality Search are provided below.

The Kern River Formation, which may be present within the stratigraphy underneath the project site, contained 19 vertebrate localities. Eight of the fossil localities were classified within the Miocene epoch and the Hemphillian NALMA, and 11 of the vertebrate fossil localities were purported to be associated with the top of the Kern River Formation in Pliocene deposits and the Blancan NALMA. The UCMP Locality Search did not indicate that the Kern River Member contains invertebrates, microfossils, or plant localities within their repository.

5.3 - San Bernardino County Museum Records Search

On February 24, 2025, a records search for the project site and a 1-mile radius beyond the project boundary was requested to the SBCM in Redlands, California (Appendix B). The records search was completed on March 27, 2025, and identified no fossil localities curated within its repository that were situated on the project site or within a 1-mile radius. However, the SBCM records search identified fossil localities approximately 2–3 miles northeast of the project site, within the upper units of the Kern River Formation, consisting mostly of an assemblage of permineralized microfauna remains and bone fragments from larger taxa. The SBCM further designated the project site to be situated on Pleistocene alluvial sediments (Qoa/Qc) with the Kern River Formation exposed at the surface approximately 1–3 miles from the project site from geologic mapping by Smith (1964) and Bedrossian et al. (2012). The SBCM acknowledged the Pleistocene alluvial sediments (Qoa/Qc) and Kern River Formation to be often fossiliferous, having high paleontological sensitivity, with the Pleistocene alluvial sediments (Qoa/Qc) previously yielding remains of North American megafauna, rodents, and mollusks throughout Southern California, while the Kern River Formation has provided an assemblage of Neogene rodents. Because of the Kern River Formation's close proximity to the project site, the SBCM concluded the potential of the Kern River Formation to underlie the Pleistocene alluvial sediments (Qoa/Qc) on the project site, having a similar stratigraphy as mentioned in geologic mapping by Bartow (1984).

5.4 - Field Investigation

On March 10, 2025, FCS Principal Paleontologist Dr. Joe Stewart and field Paleontologist Majorie Hakel surveyed the surface and subsurface conditions, geologic units, and any signs of previous development to determine the potential for uncovering significant paleontological resources on the project site. Geologic mapping by Haydon and Hayhurst (2011) was used for the field investigation, which delineated the project site to be situated on Holocene alluvial fan deposits (Qf) with unconsolidated cobbles, gravel, sand, and silt recently deposited by flowing water from a higher confined canyon in a fan-shaped cone. The project site is bounded by Petrol Road to the north, Airport Drive to the east, Merle Haggard Drive to the south, and Landings Way to the west and is

mostly undeveloped with internal dirt paths and low growing vegetation. Some structures were identified on the project site such as a large tank farm on the northwest portion of the property, utility poles and lines along the northern, eastern, and western boundaries, and transmission towers along the southern boundary.

Surface conditions on the project site were observed to be covered by patches of low growing vegetation and exposed surfaces with vehicular paths and lightly bulldozed areas constructed as fire breaks along the site boundaries. A diagonal path beginning in the southeast at the corner of Airport Drive and Merle Haggard Drive leads to the tank farm to the northwest and divides the northeast and southwest portions of the project site. The surficial soil varied between the northeast and southwest portions divided by the diagonal path as the northeast area was dominated by clayey soil with little sand, while the southwest area had a sandy texture.

Three types of potential fossils were found at the surface on and in proximity to the diagonal path on the project site. The first fossil consisted of two bone fragments showing deposits of manganese oxides and a thin layer of caliche. Numerous burrows from pocket gophers (*Thomomys*) and ground squirrels (*Spermophilus*) were observed in the area, indicating bioturbation processes likely brought the specimen up to the surface. The second type of fossil was a single tooth fragment from a small mammal with the dentin heavily permineralized and darkened from manganese oxide deposition while the enamel displayed a light-blue tinged off-white color, and the third type of fossils were marine bivalve fragments with a chalky texture ranging up to 45 millimeters (mm) in length and 6 mm in thickness that were likely transported anthropogenically to the area by Native Americans.

Results from the field investigation found surface conditions to vary, with clayey soils to the northeast and sandy soils to the southwest and sandy soils further identified 1.5 feet below the surface. Well-rounded cobbles with coatings of caliche were found in and around a gully to the southwest of the project site, with the largest diameter documented being 24 centimeters (cm). Three types of fossils were discovered at the surface layer, including two bone fragments likely brought to the surface by bioturbation, a single tooth fragment from a small mammal, and marine bivalve fragments presumably introduced to the site. Further geological mapping from Haydon and Hayhurst (2011) shows the project site to be situated on Holocene alluvial fan deposits (Qf) which were concluded to be consistent with surface and subsurface observations made from the field investigation. With the confirmation that the uppermost stratum consists of Holocene alluvial fan deposits (Qf), the relatively young age of the uppermost stratum makes the preservation of significant paleontological resources unlikely in this layer. However, significant paleontological resources may be present at deeper horizons.

6 - ANALYSIS

Table 1, below, summarizes the paleontological sensitivity ratings of the geologic units that may underly the project area based on the geologic mapping provided by Haydon and Hayhurst (2011) and Bartow (1984) and publications from Bartow and Pittman (1983), Bell et al. (1995), and Fay and Thiessen (1993), using the definitions provided by the SVP Standard Procedures (2010) Assessment of the Paleontological Potential of Rock Units.

Table 1: Paleontological Sensitivity by Geological Formation

Geologic Formation	Age	Fossils	Paleontological Sensitivity
Holocene alluvium fan deposits (Qf)	Holocene	None	Low
Older Alluvial fan	Holocene–Pleistocene	Terrestrial vertebrates	High
Kern River Member	Pleistocene–Late Miocene	Terrestrial vertebrates	High
Source: FirstCarbon Solutions (FCS). 2025.			

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7 - CONCLUSIONS

Impacts on paleontological resources occur when rock units become unavailable for scientists to observe and study. Ground-disturbing activities may cause the destruction of fossils, making evidence of ancient life unavailable for evaluation by scientists. CEQA Guidelines consider the significant impacts a proposed project may have on a paleontological resource or a unique geological feature. In compliance with CEQA Guidelines, FCS assessed the potential impacts ground-disturbing activities may have on significant paleontological resources by following methods provided by the SVP Standard Procedures (2010), such as conducting a paleontological literature review by analyzing geological maps from Haydon and Hayhurst (2011) and Bartow (1984) and publications from Bartow and Pittman (1983), Bell et al. (1995), and Fay and Thiessen (1993), along with a preliminary records search using the UCMP Locality Search online database. A records search was performed by the SBCM on March, 27, 2025, which provided the approximate locations of fossil localities from their repository in proximity to the project site and further information on the underlying rock units. A field investigation was carried out to analyze the surface and subsurface conditions to determine paleontological potential during ground-disturbing activities.

Based on evaluating the paleontology and geology affiliated with the project site and region, the surficial deposits of the project site consist of Holocene alluvial fan deposits (Qf) as mapped by Haydon and Hayhurst (2011), which was confirmed during the field investigation with a variety of sandy and clayey soils and well-rounded cobbles on the surface and soft sandy soils in the uppermost stratum approximately 1.5 feet below the surface. The records search from the SBCM, which used geologic mapping from Smith (1964) and Bedrossian et al. (2012), identified Pleistocene alluvial sediments (Qoa/Qc) at the surface, with the Kern River Formation exposed approximately 1–3 miles from the project site. Since the field investigation confirmed surficial deposits to be Holocene alluvial fan deposits (Qf), the stratigraphy on the project site is likely composed of Holocene alluvial fan deposits (Qf) which overlie the Pleistocene alluvial sediments (Qoa/Qc), while the Kern River Formation underlies the Pleistocene alluvial sediments (Qoa/Qc).

As previously mentioned, the uppermost deposits from the Holocene alluvial fan deposits (Qf) are too young to preserve significant paleontological resources and would not require the implementation of mitigation measures or paleontological monitoring. Ground-disturbing activities associated with the construction of the proposed project are expected to involve 25 feet of excavations in some portions of the project site. Although these excavations would be too shallow to impact most of the Kern River Formation, excavations at the anticipated depth may impact Early Holocene and Pleistocene alluvial fans and the upper horizons of the Kern River Formation, which could have a negative impact on nonrenewable significant paleontological resources unless proper mitigation measures are implemented.

Based on the results of the paleontological literature review, the preliminary locality search, the paleontological records search from the SBCM, and the field investigation, FCS considers the

potential of the proposed project to have an adverse effect on significant paleontological resources to be low at the surface and uppermost stratum of the Holocene alluvial fan deposits (Qf) and high at greater depths that may contain older Pleistocene alluvial fan deposits and possibly the Kern River Formation. As excavations during construction of the proposed project are expected to involve cuts 25 feet below the surface, the Pleistocene alluvial fan deposits and the upper units of the Kern River Formation, which are considered to have high paleontological sensitivity based on previously yielding paleontological resources in the southeastern Great Valley geomorphic province and Southern California, may be encountered, but not within the direct project area. As such, to prevent the damaging of any significant paleontological resources encountered during excavations and other ground-disturbing activities, FCS recommends mitigation measures which include the preparation of a Paleontological Resources Impact Mitigation Program (PRIMP) by a qualified professional Paleontologist meeting SVP Standard Procedures (2010). The PRIMP will establish ground rules for mitigation during ground-disturbing activities, including, but not limited to, paleontological monitoring, appropriate fossil recovery and salvaging methods, and the identification, preparation, and curation of determined significant paleontological resources by an approved repository facility for future research. Other mitigation measures recommended include a project-wide paleontological WEAP training for construction personnel; full-time paleontological monitoring of ground-disturbing activities in rock units with high paleontological potential and part-time monitoring in rock units with low paleontological potential by a qualified professional Paleontologist; the proper removal, analysis, identification, preparation, and curation of fossils in a recognized repository; and the preparation of a final monitoring and mitigation report by the qualified professional Paleontologist.

8 - RECOMMENDED MITIGATION MEASURES

The following mitigation measures have been developed in accordance with the SVP Standard Procedures (2010) that meet paleontological requirements of CEQA Guidelines. These mitigation measures have been used throughout California and have been demonstrated to be successful in protecting paleontological resources while allowing timely completion of construction.

MM 1 Prior to the start of any ground-disturbing activity, a qualified professional Paleontologist that meets SVP Standard Procedures (2010) shall be retained to prepare a Paleontological Resources Impact Mitigation Program (PRIMP). The PRIMP will establish ground rules for mitigation during ground-disturbing activities for paleontological monitoring, appropriate fossil recovery and salvaging methods, and the identification, analysis, preparation, and curation of determined significant paleontological resources by an approved repository facility for future research.

MM 2 The qualified Paleontologist shall prepare and conduct a project-wide Worker Environmental Awareness Program (WEAP) training. The WEAP shall contain unanticipated discovery measures to be followed if paleontological resources are encountered while the qualified professional Paleontologist or Paleontological Resource Monitor is not present during excavation or other ground-disturbing activities. The WEAP shall be conducted by a qualified Environmental Trainer, under the supervision of a qualified Paleontologist. In the event construction crews are phased in, additional training shall be conducted for new construction personnel. The training session shall focus on the recognition and understanding of significant paleontological resources pertinent to the region's geography and geology that may be encountered during ground-disturbing activities, a review of applicable federal, State, and local rules and regulations that outline the importance and require the protection and preservation of significant paleontological resources, and procedures to be followed if significant paleontological resources are encountered.

MM 3 All project-related ground disturbances that could potentially impact the underlying Quaternary fan deposits and the Kern River Member shall be monitored by a qualified Paleontological Monitor on a full-time basis as these geologic units are determined to have a high paleontological sensitivity rating. Since the surface and uppermost stratum of the younger Holocene alluvial fan deposits (Qf) are considered to have a low paleontological sensitivity, monitoring of excavation activities in this unit shall be conducted on a part-time basis to ensure that no underlying sensitive units are being impacted.

MM 4 The qualified Paleontologist shall supervise monitoring of construction excavations according to the Paleontological Resources Impact Mitigation Program (PRIMP) for

the proposed project. Paleontological monitoring shall include inspection of exposed sediments during active excavations. The paleontological monitor and the qualified Paleontologist shall have authority to temporarily divert grading away from exposed fossils to professionally and efficiently recover any uncovered fossil specimens and collect associated data. Sediment samples shall be taken from all levels and wet screened to look for vertebrate microfossils. The qualified Paleontologist shall sort the screened concentrate with the aid of a 10x microscope. If vertebrates are identified in the test sample from any unit, a standard sample (6,000 pounds) from that unit shall be set aside and processed to recover the vertebrate fossils. The qualified Paleontologist shall prepare monthly progress reports to be filed by the applicant and the Lead Agency.

MM 5 At each fossil locality potentially uncovered during ground disturbance, field data forms shall be used to record pertinent geologic data; stratigraphic sections shall be measured; and appropriate sediment samples shall be collected and processed for analysis.

MM 6 Recovered fossils shall be prepared to the point of curation, identified by qualified experts, listed in a database to facilitate analysis, and curated in a recognized paleontological curation facility. Potential repositories include the University of California Museum of Paleontology (UCMP) and the Natural History Museum of Los Angeles County (NHM).

MM 7 After identification, analysis, preparation, and curation of the specimen is complete, the qualified Paleontologist will prepare a final monitoring and mitigation report to be filed with the project applicant, the Lead Agency, and the repository, adequately describing the field and laboratory methods used during paleontological monitoring and the geologic and significant paleontological findings identified on the project site, including any field notes, geologic maps, and stratigraphic sections and a list of any identified specimens uncovered during ground-disturbing activities.

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Appendix A:

Professional Qualifications

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FIRSTCARBON SOLUTIONS™

J. D. STEWART, PHD—PRINCIPAL PALEONTOLOGIST

OVERVIEW

- More than 46 years of experience

Education

- Doctor of Philosophy, Systematics & Ecology, University of Kansas, 1984
- Master of Arts, Systematics & Ecology, University of Kansas, 1979

Training and Certifications

- Certified Paleontologist, Orange and Riverside Counties, California
- 40-hour Hazardous Waste Operations and Emergency Response Training
- General Site Worker

Professional Affiliation

- Society of Vertebrate Paleontology

J. D. Stewart, PhD, is a Vertebrate Paleontologist with more than 46 years of experience in paleontology, and more than 30 years of experience in the geology and paleontology of California. He has been involved in the permitting or construction of more than 10 power plants, and has directed the paleontological monitoring and mitigation program for Path 15, a major transmission line project. His publications include more than 40 peer-reviewed articles in books and journals. His research specialties are fossil fishes and Pleistocene vertebrate faunas.

RELATED EXPERIENCE AND CLIENT SUMMARY

Biological, Archaeological, and Paleontological Monitoring and Reporting Services, Los Angeles Regional Interoperable Communications System, Los Angeles County, CA

FCS provided paleontological, archeological, and biological monitoring and reporting services during the construction of more than 150 land mobile radio (LMR) facilities at sites located primarily in Los Angeles County. The LMR sites contain the infrastructure and equipment necessary to provide voice communications coverage throughout the County for emergency responders. These locations are widely dispersed across the County in both urban (intensively developed) and rural (less developed) settings and include coastal locations, sites in downtown Los Angeles, remote mountain peaks across the County, and the northern high desert. Dr. Stewart provided Paleontological Monitoring and Reporting in accordance with the Construction Management Requirements outlined in the NEPA Environmental Assessment that FCS prepared for the project. At sites for which Los Angeles County Museum of Natural History records indicated the potential presence of nearby paleontological resources, Dr. Stewart performed paleontological construction monitoring during all subsurface excavation activities for tower or monopole foundations and during grading activities for access roads and structure foundations.

J. D. STEWART, PHD—PRINCIPAL PALEONTOLOGIST

North Shore Solar Facility Project Archaeological and Paleontological Services, Riverside County, CA

FCS conducted an intensive field survey and prepared Cultural and Paleontological Resources Reports for Sunpin's ColGreen North Shore Solar Farm Project, a 480-acre, 75-megawatt photovoltaic energy generation facility located in unincorporated Riverside County, California. The project area was investigated, and both prehistoric and historic archaeological sites were identified during FCS's field surveys. FCS's recommendation mitigation measures included avoidance of the archaeological sites and surface collection and monitoring when in the vicinity of the sites. Following approval of the reports, FCS prepared cultural and paleontological mitigation and monitoring plans for the project. FCS was subsequently contracted by Sunpin Holdings, Inc. to perform archaeological surface collection and archaeological and paleontological monitoring. Dr. Stewart authored paleontological report.

Anaheim Coves Cultural, Paleontological, and Biological Monitoring Services, City of Anaheim, CA

FCS performed cultural, paleontological, and biological monitoring services for the preliminary phase of the earthmoving activity at the Anaheim Coves Northern Extension Project site extending from Lincoln Street to Frontera Street in Anaheim. Preliminary grading for the urban nature park began on January 3, 2018. Dr. Stewart developed the Worker Environmental Awareness Program (WEAP) training materials for use in training all construction staff, and the Paleontological Monitoring Plan that was carried out by the project proponents.

Cadence Property Paleontological WEAP Training and Monitoring Plan, 309-400 Airport Boulevard, City and County of San Francisco, CA

FCS's Senior Paleontologist, J. D. Stewart, PhD, conducted a paleontological review of the proposed development site in compliance with Mitigation Measure 3.4-5 of the Downtown Station Area Plan EIR. In addition to drafting a technical report that identified the paleontological sensitivity of the development area and provided mitigation measures, Dr. Stewart created WEAP training materials for use in training all construction staff, and the Paleontological Monitoring Plan that was carried out by the project proponents.

AT&T 140-mile Fiber Optic Installation Project from Julian to Brawley, Multiple Locations, CA

FCS provided a Compliance Assessment and Feasibility Study for a proposed 140-mile-long fiber optic installation that would extend from Julian to Brawley, California. FCS conducted a thorough review of proposed route maps/drawings to determine: State and federal land and jurisdictional boundaries, relevant county and city boundaries and local policies, and the constraints associated with development and implementation of the project along the proposed alignment. Based on jurisdictional boundaries and route location, FCS analyzed and determined the level of CEQA review and NEPA review that is necessary and appropriate. FCS also reviewed and analyzed documents related to potential on-site resources, including, but not limited to, federal- and State-listed plants and animals potentially impacted by the proposed route (biological review); federal and State jurisdictional waters potentially impacted by the proposed project (water resources review); existence of potential cultural/historic resources on-site; and general review of the existence of potential paleontological resources on-site. Dr. Stewart reviewed paleontological resources on-site.

J. D. STEWART, PHD—PRINCIPAL PALEONTOLOGIST

Rio Vista Specific Plan EIR, City of Jurupa Valley, CA

FCS is preparing a project-level EIR for the proposed Rio Vista Specific Plan Project. The project includes a new Specific Plan that supersedes and replaces the approved Rio Vista Specific Plan No. 243. The proposed Specific Plan includes approximately 1,200 dwelling units, a 12-acre school site, a 11.4-acre Community Park, and 511 acres of open space for conservation. Dr. Stewart authored the paleontological report.

Other Relevant FCS Experience

- Harley Knox Boulevard and Redlands Avenue Warehouse Archaeological/Paleontological Monitoring Program, City of Perris, CA
- Midpen Cypress Point Affordable Housing Project Paleontological Plan, San Mateo County, CA
- Environmental Peer Review Services for the City of Los Angeles, CA

Prior Projects

Tenaska Imperial Solar Energy Center West Project, Imperial Valley, CA

For the Tenaska Imperial Solar Energy Center West Solar Project, Dr. Stewart supervised paleontological monitoring activities on private lands.

BrightSource Sonoran West Solar Project, City of Blythe, CA

Dr. Stewart supervised paleontological surveys on the US Bureau of Land Management (BLM) and private lands. He worked on the Application for Certification (AFC) and wrote the final report when the project was terminated.

TerraGen Project

Dr. Stewart performed pedestrian paleontological surveys of the TerraGen Project site and wrote the Paleontological Resources section for the AFC.

BrightSource Rio Mesa Solar Project, City of Blythe, CA

Dr. Stewart supervised paleontological surveys on BLM and private lands, and prepared the Paleontological Resources section for the AFC.

Pio Pico Energy Center, Otay Mesa, CA

The Pio Pico Energy Center is a 300-MW simple-cycle electrical generating facility that is contracted under a 25-year power purchase agreement with San Diego Gas & Electric. Pio Pico is located on a 10-acre site in Otay Mesa, an unincorporated area of San Diego County, California, approximately 15 miles southeast of downtown San Diego. Dr. Stewart supervised paleontological surveys and wrote the Paleontological Resources section for the AFC for this project.

Mesquite Nevada Replacement General Aviation Airport, Clark County, NV

Dr. Stewart prepared the Paleontological Resource Assessment for the Federal Aviation Administration.

J. D. STEWART, PHD—PRINCIPAL PALEONTOLOGIST

Marsh Landing Generating Station AFC, Contra Costa County, CA

Dr. Stewart performed a paleontological pedestrian survey of a project area in Contra Costa County and wrote the Paleontological Resources section of the AFC. He also served as the Paleontological Resource Specialist during construction and prepared the final report.

Imperial Valley Solar AFC, Imperial Valley, CA

Dr. Stewart directed paleontological pedestrian surveys within a project area in San Bernardino County and wrote the Paleontological Resources section of the AFC.

Calico Solar AFC, San Bernardino County, CA

Dr. Stewart participated in paleontological pedestrian surveys of the Calico Solar project area, edited the Paleontology section of the AFC, and served as the Paleontological Resource Specialist.

Starwood Power-Midway, LLC Peaking Project Construction

Dr. Stewart wrote a mitigation plan for paleontological resources, oversaw paleontological monitoring during project construction, and wrote the final report.

Calnev Pipeline Project, San Bernardino County, CA and Clark County, NV

Dr. Stewart directed paleontological surveys of a 234-mile-long project area in San Bernardino County, California, and Clark County, Nevada. He also prepared the paleontological assessment.

Willow Pass Generating Station AFC, Contra Costa County, CA

Dr. Stewart participated in paleontological pedestrian surveys of a project area in Contra Costa County and wrote the Paleontological Resources section of the AFC.

San Joaquin One and Two AFC, Fresno County, CA

Dr. Stewart directed paleontological pedestrian surveys of a project area in Fresno County and prepared the Paleontological Resources section of the AFC.

Carrizo Energy Solar Farm (Ausra) AFC, Simmler, CA

Dr. Stewart participated in paleontological pedestrian surveys of the Carrizo Energy Solar Farm project area and edited the Paleontology section of the AFC.

Starwood Power-Midway, LLC Peaking Project AFC

Dr. Stewart participated in the responses to the CEC Provisional Staff Assessments for Starwood Power-Midway, LLC's Peaking Project AFC.

Path 15 500-kV Power Transmission Line between Los Banos and Gates Substations, City of Los Banos, CA

Dr. Stewart supervised paleontological resource monitoring, excavations, specimen preparation, specimen identification, and report writing for this 80-mile-long power line.

J. D. STEWART, PHD—PRINCIPAL PALEONTOLOGIST

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Appendix B:

Record Search Results

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SAN BERNARDINO COUNTY

Museum
Division of Earth Science

David Myers
Director

Scott Kottkamp
Curator of Earth Science

26 March 2025

FirstCarbon Solutions
Attn: Matthew Dionisio
250 Commerce #210
Irvine, CA 92602

PALEONTOLOGY RECORDS REVIEW for proposed site of Airport Commerce Center (Project 5901.0001), Oildale, Kern County, California

Dear Mr. Dionisio,

The Division of Earth Science of the San Bernardino County Museum (SBCM) has completed a record search for the above-named project in Kern County, California. The proposed project site (Airport Commerce Center) is in the city of Oildale, California, as shown on the United States Geological Survey (USGS) 7.5-minute Oildale, California, quadrangle.

Geologic mapping of the region done by Smith (1964) and Bedrossian et al. (2012) indicates that the project site is located atop Pleistocene alluvial sediments (Qoa/Qc). Pleistocene alluvial deposits are often fossiliferous in southern California, with the remains of †*Mammut pacificus*, †*Mammuthus columbi*, Camelidae, Equidae, and microfossils including rodents and mollusks being relatively common. Furthermore, there are surface exposures of the late Miocene to early Pleistocene age Kern River Formation situated within 1 – 3 miles of the project site. The Kern River Formation has a high paleontological sensitivity, especially regarding its assemblage of Neogene rodents, and may underlie Qoa at depth beneath the project site.

For this review, I conducted a search of the Regional Paleontological Locality Inventory (RPLI) at the SBCM. The results of this search indicate that no SBCM localities are present within the boundaries of the proposed project site nor within a one-mile radius of its perimeter. The closest SBCM localities are SBCM 8.6.1 – 28, located approximately 2 – 3 miles northeast of the

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project site. These localities are situated in rocks of the Kern River Formation's upper unit, and so are probably of Pliocene age. The aggregate fossil assemblage of these localities includes the following taxa: Teleostei indet., Anura indet., Emydidae indet., Aguidae indet., Lacertilia indet., Colubridae indet., Viperidae indet., Caenophidia indet., Serpentes indet., Reptilia indet., Aves indet., Chiroptera indet., †*Hypolagus vetus*, †*Hypolagus* sp., Leporidae indet., †*Ammospermophilus junturensis*, †"*Spermophilus*" *matachiencensis*, Sciuridae indet., †*Cupidinimus* sp., †*Dipodomys* cf. *hibbardi*, *Dipodomys* sp., †*Oregonomys pebblespringsensis*, †*Oregonomys* sp., Perognathinae indet., Heteromyidae indet., †*Parapliosaccomys* cf. *oregonensis*, *Thomomys* sp., Geomyidae indet., †*Copemys vasquezi*, *Microtus* cf. *californicus*, †*Neotoma* (*Paraneotoma*) aff. *minutus*, †*Paronychomys* cf. *lemredfieldi*, *Peromyscus* sp., †*Bensonomys* aff. *gidleyi*, Sigmodontinae indet., Cricetidae indet., Rodentia indet., *Equus* sp., Equidae indet., Artiodactyla indet., Mammalia indet., Chordata indet., Plantae indet. Most of the assemblage at SBCM 8.6.1 – 28 is permineralized microfaunal remains, with larger taxa mainly represented by bone fragments.

This records search covers only the paleontological records of the San Bernardino County Museum. It is not intended to be a thorough paleontological survey of the proposed project area covering other institutional records, a literature survey, or any potential on-site survey.

Please do not hesitate to contact us with any further questions that you may have.

Sincerely,

Scott Kottkamp

Scott Kottkamp, Curator of Earth Science
Division of Earth Science
San Bernardino County Museum

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Appendix G

Preliminary Soil and Geologic Evaluation

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PRELIMINARY SOIL AND GEOLOGIC EVALUATION

PROPOSED AIRPORT COMMERCE CENTER
CONDITIONAL USE PERMIT (CUP) AREA
SOUTHWEST OF PETROL ROAD AND AIRPORT DRIVE
PORTION OF SECTION 35, T28S, R27E, MDBM
KERN COUNTY, CALIFORNIA

Prepared For:

ACC Bakersfield JV, LLC
c/o Bayspring
1460 Jefferson Street
San Francisco, CA 94123

Attention: Mr. Bryce Holman

File No. 20240

Prepared By:

Robert J. Becker, PG, CEG **On Man Lau, GE**

Soils Engineering, Inc.
4400 Yeager Way
Bakersfield, CA. 93313

March 2025

TABLE OF CONTENTS

1.0 INTRODUCTION 1
- 1.1 Planned Construction 1
- 1.2 Purpose and Scope of Services 1

2.0 SITE CONDITIONS 2
- 2.1 Project Area Description and Surface Conditions 2
- 2.2 Project Area Observations 3
- 2.3 Project Area Topography 4
- 2.4 Project Area Surface Soils 4
- 2.5 Groundwater Conditions 4
- 2.6 Geologic Setting 5

3.0 GEOLOGIC/SEISMIC HAZARDS 6
- 3.1 Kern County General Plan Physical Constraints 6
- 3.2 Fault Rupture Hazard Zones in California 6
- 3.3 State of California Seismic Hazard Zones (Liquefaction and Landslides) 7
- 3.4 Slope Stability and Potential for Slope Failure 7
- 3.5 Land Subsidence 7
- 3.6 Expansive Soils 7
- 3.7 Flood and Inundation Hazards 8
- *3.7.1 Flood Hazards* 8
- 3.8 Corrosion Potential 8

4.0 SEISMIC HAZARD ASSESSMENT 8
- 4.1 Seismic History & Seismic Sources 8
- 4.2 Seismology & Calculation of Earthquake Ground Motion 12
- *4.2.1 Site Class* *12*
- *4.2.2 Seismic Design Criteria* *12*
- *4.2.2 Geometric Mean Peak Ground Acceleration* 14
- 4.3 Liquefaction 14

5.0 REGULATORY SETTING 15
- 5.1 Federal Regulations 15
- *5.1.1 Earthquake Hazards Reduction Act* 15
- 5.2 State Regulations 15
- *5.2.1 California and Uniform Building Codes* 15
- *5.2.2 Alquist-Priolo-Earthquake Fault Zoning Act* 15
- *5.2.3 Seismic Hazards Mapping Act* 16
- *5.2.4 NPDES General Permit for Construction Storm Water Discharges* 16
- 5.3 Local Regulations 16
- *5.3.1 Kern County Code of Building Regulations* 17
- *5.3.2 Chapter 17.28 Kern County Grading Code* 17
- 5.4 Kern County Environmental Checklist 19
- 5.5 Cumulative Impacts 25

6.0 LIMITATIONS 25

7.0 REFERENCES 26

FIGURES

Figure 1: Location Map
Figure 2: Project Area on Aerial
Figure 3: Topographic Map
Figure 4 & 4A: Soil Maps
Figure 5: Depth to Groundwater Map
Figure 6: Geologic Map
Figure 7: Earthquake Fault Zone Map
Figure 7A: Seismic Hazard Atlas Map
Figure 8: Regional Fault Map
Figure 8A: Fault Location Map
Figure 9: Regional Land Subsidence Map
Figure 9A: Area Land Subsidence Map 2015-2024
Figure 10: Flood Hazard Map
Figure 11: Earthquake Epicenter Map

APPENDICES

Appendix A:

Figure A-1: Photograph Location Map
Site Photos Photos 1 to 20

Appendix B: USDA Soil Properties

Engineering Properties Tables
Chemical Soil Properties Tables
Physical Soil Properties Tables
Map Unit Descriptions – Main Units

Appendix C: Seismic Design Information - Preliminary

Deterministic Site Parameters - EQFAULTWIN data
EQSEARCHWIN data
USGS Seismic Design Report SEAOC/OSHPD
USGS Uniform Hazard Tool Results

PRELIMINARY SOIL AND GEOLOGIC EVALUATION
for the Proposed Airport Commerce Center CUP
Bakersfield, Kern County, California
March 2025

1.0 INTRODUCTION

This report presents the results of a preliminary soil and geologic evaluation for the Proposed Airport Commerce Center Conditional Use Permit (CUP) area in Bakersfield, Kern County, California (proposed project). The Project Area consists of the development of approximately 110 acres located southwest of Petrol Road and Airport Drive in Bakersfield, CA (site) as shown on the Location Map, Figure 1 and the Site Plan Map, Figure 2.

SEI performed a site reconnaissance on March 21. 2025, to observe site features and soil conditions as related to geologic evaluation. This report provides a preliminary soil and geologic evaluation for use in the planning phase of the subject project. In the event that changes occur in the design of the project, the project engineer of record may make additional recommendations.

1.1 Planned Construction

The Airport Commerce Center Industrial Project (proposed project) is a proposal by ACC Bakersfield JV, LLC (project proponent) for the construction and operation of an industrial warehouse facility with associated quick-serve restaurants. The proposed project would include the construction of four single-story warehouses totaling approximately 1,505,440 square-feet (including 150,544 square-feet for dedicated office space), two single-story quick-serve restaurants totaling 9,410 square-feet and related site improvements. The proposed project is located on six (6) parcels totaling approximately 110 acres (Assessor's Parcel Numbers (APN's), 483-040-32, 483-040-33, 483-040-42, 483-040-43, 483-040-45, and 483-040-46) of privately owned land at the southern end of the San Joaquin Valley in unincorporated Kern County, California as shown in Figure 1, Location Map. The project site is bounded by Petrol Road (north), Airport Drive (east), Merle Haggard Drive (south), and Landings Way (west) as shown in Figure 2, Project Area on Aerial.

1.2 Purpose and Scope of Services

The objective of the preliminary soil and geologic evaluation was to provide a preliminary determination of geologic or geotechnical related issues and soil conditions at the Site. SEI's scope of services for this assessment included a Site reconnaissance, desktop review, and report

preparation.

2.0 SITE CONDITIONS

The following sections address the Site description, surface conditions, and preliminary groundwater conditions at the Project Area. This information is based on SEI's field reconnaissance and review of published maps and reports.

2.1 Project Area Description and Surface Conditions

The project site is located in the Oildale area of unincorporated Bakersfield in Kern County. The project site is located within the Metropolitan Bakersfield General Plan (unincorporated Planning Area). The City of Shafter lies approximately 3 miles west of the project site. The project site is situated approximately 1.54 miles east of State Route (SR) 65 and approximately 2.19 miles east of State Route (SR) 99. Regional access to the project site is available from SR-99 via the Seventh Standard Road exit. Local access to the project site is available from Airport Drive and Merle Haggard Drive.

The project vicinity is characterized by industrial, commercial, and residential uses including logistics facilities, industrial manufacturing and storage, housing tracts and vacant land. Wingland Elementary School is located approximately 1.15 miles southeast of the project site at Douglas Street and Diane Drive and North High School is located approximately 1 mile southeast of the project site at West China Grade Loop and McCray Street.

The project site is located on the Oildale, California United States Geological Survey (USGS) 7.5-minute Topographic Quadrangle Map, within Township 28 South, Range 27 East, Section 35.

The project site is relatively flat with an elevation of approximately 550' to 625' feet above mean sea level (AMSL). The site consists of vacant undeveloped land with internal dirt paths. The project site is bisected by a floodplain area (Zone A) which runs from the northeast corner of the project site to the southwest corner of the project site.

Land uses within the region and the immediate area of the site primarily consist of industrial, commercial, and residential uses. Land uses surrounding the site include the following:

North – Petrol Road is located to the north of the project site. There is an existing oil tank farm north of the western ½ of the site.

South – Merle Haggard Drive and vacant undeveloped land are located south of the project site.

West – Landings Way and an Amazon warehouse/logistics facility are located to the west of the majority of the project site. An existing oil tank farm is located to the west of the northeastern portion of the site.

East – Airport Drive and vacant undeveloped land are located to the east of the project site.

Through review of the Kern County Airport Land Use Compatibility plan (ALUCP), the proposed project is located within the Sphere of Influence (SOI) for the Meadows Field Airport. The Meadows Field Airport is located approximately 0.3 miles southwest of the project. The project site is located within the Airport Approach Height Combining District. The closest public use runway has a length of approximately 2 miles, with distance of approximately 0.7 miles from the nearest point of the runway to the project site.

The project site is not located within an area that is designated by the California Department of Conservation (CDC) as Prime Farmland, Farmland of Statewide Importance, or Unique Farmland. No lands within the project boundary are subject to a Williamson Act Land Use contract. The proposed project site is not part of an Agricultural Preserve. In addition, the project site is not located within the boundaries of an adopted Habitat Conservation Plan.

Figure 2, Project Area on Aerial depicts the proposed project and the project boundaries and Figure 3 is a Topographic Map.

2.2 Project Area Observations

SEI performed a site reconnaissance on March 21 2025 to observe site features and soil conditions within the project area.

The March 21, 2025 site reconnaissance survey photographs are included in Appendix A. The locations of the photographs are presented on Figure A-1. Site observations indicate that most of the project area is vacant land with low to moderate weed growth.

Photos 1 to 20 show the project area features including a few soil piles in the southeastern portion, soil berms adjacent to some of the property borders and numerous petroleum pipeline markers and some water pipeline markers observed within the site area. See Figure A-1 for photo locations.

Observations within the project site included the following:

- The petroleum pipelines are present along the western, southern and eastern borders and are underground with pipeline markers.
- A NORMW water pipeline is present within the northeastern portion of the site with pipeline markers.
- Slopes across the site are generally <2% with some soil piles, drainage ditches and berms.
- Minor erosional drainage features were observed including a drainage ditch in the northeastern portion of the site.

2.3 Project Area Topography

The project site area lies within the SW ¼ of Section 35 in Township 28 South, Range 27 East, Mount Diablo Base and Meridian (MDBM), County of Kern, State of California. The general topography slopes to the west-southwest throughout the project site area. The elevation ranges from 625' (in the northeastern corner) to 550' (in the southwestern corner) with a few dirt access roads. The main access roads are Merle Haggard Drive, Petrol Road and Airport Drive within or adjacent to the project site area.

The drainage features flow down slope typically to the west-southwest. See Figure 3 for the topography across the project site area.

2.4 Project Area Surface Soils

Figure 4 presents a soil map showing the Proposed Project Area, with mapped soil types (USDA & USCS) based on the USDA Soil Survey Geographic (SSURGO) Database. According to the SSURGO database for Kern County, California, obtained from the USDA, Natural Resources Conservation Service, the Project Area soils consist of the following:

146 - Delano Sandy Loam, well drained, 1 to 5 percent slopes

Figure 4A presents the soil mapped by the wind erodibility index. The wind erodibility index is a numerical value indicating the susceptibility of soil to wind erosion, or the tons per acre per year that can be expected to be lost to wind erosion. The wind erodibility index is 86 tons per acre per year throughout the project site. Soil unit descriptions with characteristic parameters are provided in Appendix B.

2.5 Groundwater Conditions

The Project Area is located within the San Joaquin Basin, Kern County Groundwater Subbasin. The Kern County Groundwater subbasin is bounded on the north by the Kern County line and the Tule Groundwater subbasin, on the east and southeast by granitic bedrock of the Sierra Nevada foothills and Tehachapi mountains, and on the southwest and west by the marine sediments of the San Emigdio Mountains and Coast Ranges.

According to information provided by the DWR and presented on the SGMA data viewer, depth to water in the Spring of 2019 was between 130' to 150' and in 2024 it was 335' to 350' across the project site area (see Figure 5). The groundwater gradient direction has been to the west-northwest within the project area between 2019 to 2024.

2.6 Geologic Setting

According to the 2010 Geologic Map of California the project site area is located wholly within Quaternary older alluvium marine and non-marine sedimentary rocks (Qoa) consisting of sands, silts, clays, and occasional gravel deposits; that are mostly loosely consolidated or non-consolidated (see Figure 6). The proposed project area is located just south of the Kern Front Oil and Gas Field and is just outside of the City of Bakersfield city limits and is within the southern San Joaquin Valley in Kern County, California. The San Joaquin Valley is a large alluvial plain bordered by the Sierra Nevada Mountains on the east, the Diablo and Temblor Ranges on the west, the Tehachapi Mountains on the south, and the San Joaquin River on the north. The San Joaquin Valley is filled with alluvial sediments generally thousands of feet thick eroded from the mountains on all sides. The nearby Kern Front Oil and Gas Field is a monocline dipping to the southwest and with two identifiable faults within the field. The main oil producing formations are the Etchegoin and Chanac formations.

The Tertiary and Quaternary deposits underlying the project area are up to 8,000 feet thick. The Kern River formation lies at the surface of the nearby Kern Front Oilfield and consists of alternating beds of non-marine sand, gravel, silt and clay. The Kern River formation consists of both unsaturated and saturated zones. The upper units of the Kern River formation are mostly unsaturated, while the lower units can be saturated with both water and oil. The Etchegoin Formation underlies the Kern River Formation, and the Chanac Formation underlies the Etchegoin Formation.

The Kern Front Fault is the closest active fault and is present approximately 0.41 miles to the east of the proposed project area. The site is not located within an Alquist-Priolo (earthquake fault) Special Study Zone as shown on Figure 7. The Kern Front Fault is a creeping fault caused by the extraction of fluids (oil & water) in the area. The Premier Fault & New Hope Fault are located approximately 2.4 and 3.18 miles north-northwest of the project area and are also creeping faults from fluid extraction. The Poso Creek Fault is located approximately6.3-miles north of the project site area. Other earthquake faults in the vicinity, with distances from the site, are tabulated below.

FAULT NAME	**DISTANCE FROM PROJECT SITE**			
Kern Front	0.41	miles/	0.68	kilometers
Premier & New Hope	2.4 & 3.18	miles/	3.87 & 5.12	kilometers
Poso Creek	6.3	miles/	10.13	kilometers
White Wolf	21.7	miles/	35	kilometers
Pleito Thrust	30.1	miles/	48.5	kilometers
SAN ANDREAS (1857 Rupture & other segments)	39.6	miles/	63.8	kilometers
Garlock (West)	41.3	miles/	66.4	kilometers
Big Pine	43.1	miles/	69.3	kilometers
SAN ANDREAS (Cholame M-1c-1)	47.2	miles/	76	kilometers

See Appendix C for the EQFault data from the central portion of the project area.

3.0 GEOLOGIC/SEISMIC HAZARDS

The types of geologic and seismic hazards assessed include surface ground fault rupture, liquefaction, slope failure, flood hazards and inundation hazards.

3.1 Kern County General Plan Physical Constraints

The Project Area is located outside of the majority of the Kern County hazard zones shown within the Kern County General Plan. This includes shallow groundwater, earthquake faults, landslides, steep slopes, seiches and liquefaction. A portion of the project site is shown to be within a Zone A flood zone with a 0.2% chance of flooding annually. See Section 3.7.1 below for more details.

3.2 Fault Rupture Hazard Zones in California

The project location encompasses the southwestern portion of Section 35 of Township 28 South, Range 27 East, Mount Diablo Base and Meridian (MDBM), County of Kern, State of California and is outside of an Alquist-Priolo special studies zone (California Fault Zone). The purpose of the Alquist-Priolo (AP) Geologic Hazards Zones Act, as summarized in California Division of Mines and Geology (CDMG) Special Publication 42 (SP 42), is to "prohibit the location of most structures for human occupancy across the traces of active faults and to mitigate thereby the hazard of fault- rupture." As indicated by SP 42, the State Geologist is required to delineate "earthquake fault zones" (EFZs) along known active faults in California. Cities and counties affected by the zones must regulate certain development 'projects' within the zones. They must withhold development permits for sites within the zones until geologic investigations demonstrate that the sites are not threatened by surface displacement from future faulting. See Figure 7 for the Earthquake Fault Map showing the nearby Kern Front Fault AP Zone and the other closest AP Zones to the site area.

Local faults and general geology are also shown on the Oildale Quadrangle, Seismic Hazard Atlas Maps prepared for the Kern County Council of Governments (Figure 7A).

Ground rupture may occur along a fault trace in a major earthquake. It is unlikely that ground rupture or ground movement (creeping) would occur at this site since it is located over 500 feet from the active Kern Front Fault. Some ground shaking is likely at this site in the event of a major earthquake on one of the nearby faults. Based on the predicted maximum horizontal accelerations at the site and the soil types identified in this investigation, ground failure has a low chance of occurring at this site. According to the Oildale Quadrangle Seismic Hazard Atlas Maps, the Kern Front Fault is present approximately 0.41 miles away from the site project area. Other local faults near the site include the Premier Fault and New Hope Fault within 2.4 to 3.18 miles of the project border and the Poso Creek Fault within 6.3 miles north of the project site

border. The Poso Creek Fault and a portion of the New Hope Fault are Quaternary faults (age undifferentiated).

The nearest major active faults within 50-miles of the project site area, as indicated by the computer-modeling program EQFault version 2.01, is the Kern Front Fault approximately 0.68 kilometers to the east-northeast. The White Fault is located approximately 35 kilometers to the southeast of the site. The Pleito Fault is located approximately 48.5 kilometers southwest of the site. The San Andreas Fault (various segments), is approximately 63.8 kilometers to the southwest. The Garlock Fault (West) is approximately 66.4 kilometers to the southeast of the site. The Big Pine Fault is approximately 69.3 kilometers to the southwest of the site. Regional faults in relation to the site location are presented on Figure 8 from the Fault Activity Map of California (CDMG, 2010) and Figure 8A from EQFault.

3.3 State of California Seismic Hazard Zones (Liquefaction and Landslides)

Zones of Required Investigation referred to as "Seismic Hazard Zones" in CCR Article 10, Section 3722, are areas shown on Seismic Hazard Zone Maps where site investigations are required to determine the need for mitigation of potential liquefaction and/or earthquake-induced landslide ground displacements. There are no mapped areas that have Seismic Hazard Zones for liquefaction or landslides within the project area.

3.4 Slope Stability and Potential for Slope Failure

No evidence of historic landslides were observed within the project areas. There is a low potential for rockfalls or landslides to impact the site in the event of a major earthquake. Overall, the site appears to be very stable.

3.5 Land Subsidence

The Kern County General Plan includes a discussion on land subsidence potential in the Bakersfield area. The main causes of land subsidence are Tectonic Subsidence, Oil & Gas Fluid Extraction, Groundwater Withdrawal and Hydrocompaction of Moisture Deficient Alluvial Deposits. Figure 15 in the Safety Element shows the areas of significant subsidence within the Bakersfield area. The project site area is within the area where no significant historic land subsidence has occurred and is outside of the area of hydrocompaction (Figure 9). The estimated amount of land subsidence in the project area over the time period of 2015 to 2024 ranges from 0 to -0.5’ as shown on Figure 9A from the SGMA Data Viewer. The minor subsidence may be due to oil & gas fluid extraction from nearby oil field activities.

3.6 Expansive Soils

Near-surface soils encountered in previous geotechnical investigations near the Site Area and mapped by the USDA and presented on the Web Soil Survey, indicate that expansive soils may be located in the project areas. Expansive soils have the potential to cause displacement and possible damage to surface improvements such as concrete slab-on-grade floors and exterior

walkways. The potential effects of the shrinking and swelling of expansive soils and the associated impacts can be mitigated through prudent grading and design of the structures. Some of the soils in the Project Area have a clay fraction and may be expansive. A design level geotechnical investigation will be required to confirm the status of expansive soils in the project area. This would include the collection of near surface soil samples and testing them for expansion potential by ASTM D4829.

3.7 Flood and Inundation Hazards

An evaluation of flooding at the Project Area includes review of potential hazards from flooding during periods of heavy precipitation and flooding due to a catastrophic dam breach from up-gradient surface impoundments.

3.7.1 Flood Hazards

The site is located in an area with only a limited amount of surface water sources. It is very unlikely that earthquake-induced flooding would occur at this site. Portions of the site are located within flood Zone X with minimal potential flooding according to the Flood Insurance Rate Maps covering the site area. There is an area in the north and northwestern portions of the project site that is within a Flood Zone A with a 0.2% annual chance of flooding (see Figure 10 for the Flood Hazard Map).

3.8 Corrosion Potential

The site appears to have a low concentration of salts that represent alkaline soils with a potential to be corrosive to metallic objects. A more detailed soil investigation (sampling and testing: chlorides, sulfates, and pH) is required to determine localized corrosion potential. Corrosive soils require that all buried iron, steel, cast iron, ductile iron, galvanized steel, and dielectric coated steel or iron be properly protected against corrosion depending upon the critical nature of the structure.

4.0 SEISMIC HAZARD ASSESSMENT

The types of seismic hazards assessed include historical earthquake effects, earthquake induced ground motion, seismic induced landslides, liquefaction, and seismic induced settlement.

4.1 Seismic History & Seismic Sources

From 1852 through 2024, southern California has experienced at least 22 major earthquakes with estimated Richter scale magnitudes ranging from 5.9 to 8.0. The largest recorded earthquake in the region of the project site occurred in 1952 with an estimated Richter scale magnitude of 7.7 on the White Wolf Fault (referred to as the Kern County Earthquake). Prior to Richter scale usage, the historical Fort Tejon earthquake of 1857 occurred along the San Andreas Fault (70.5 kilometers away) with an estimated magnitude of at least 7.9.

In addition to the two (2) major earthquakes mentioned above, many earthquakes have occurred in the Kern County area, but only a few have had a magnitude greater than five on the Richter scale. Some of these include the Wheeler Ridge earthquake (5.2 magnitude) and the Bakersfield Quake (5.8 magnitude, an aftershock of the Kern County Earthquake).

The Wheeler Ridge earthquake occurred on May 27, 1993, 15 miles southwest of the city of Bakersfield; although noticed over a wide area of southern and central California, it caused little damage.

The Bakersfield Quake occurred on August 22, 1952, approximately 6 miles east southeast of Bakersfield. This Kern County Earthquake aftershock was the closest to Bakersfield and caused extensive damage to downtown Bakersfield and killed 2 people.

The Kern County Earthquake (magnitude 7.7), which occurred on July 21, 1952, claimed 12 lives and caused at least $50 million in damage.

The Fort Tejon earthquake (estimated magnitude 7.9) which occurred in January 1857, caused 2 deaths and severe damage to Fort Tejon and other small communities in the area. Since this was a sparsely populated area in 1857 the damage was not as much as it would be today. The severe shaking from this earthquake lasted for more than a minute and reportedly caused the Kern River to turn upstream, the waters of Tulare Lake to be thrown up onto it's shore stranding fish miles from the original lakebed, and causing cracks in the ground as far away as San Bernardino, CA. The surface rupture along the San Andreas Fault was at least 220 miles, with an average slip of 15 feet and a maximum displacement of 30 feet (SCEDC, 2001).

The nearby Kern Front Oilfield is in a seismically active region, with known historical movement (creeping) along the Kern Front Fault causing some localized road damage. The closest major active fault near the site area is the White Wolf Fault located approximately 21.7 miles to the southeast. The Pleito Fault is located approximately 48.5 kilometers southwest of the site. The San Andreas Fault (various segments) is approximately 63.8 kilometers to the southwest. The Garlock Fault (West) is approximately 66.4 kilometers to the southeast of the site. The Big Pine Fault is approximately 69 kilometers to the southwest of the site. The closest minor active faults are the Kern Front Fault approximately 0.41 miles to the east-northeast, and the Premier and New Hope Faults approximately 2.4 and 3.18 miles to the north-northwest of the project border and the Poso Creek Fault approximately 6.3 miles north of the project border.

The major quaternary faulting near the project vicinity is shown on Plate 5. Characteristics of some of the major faults within 50 miles of the site are discussed in the following subsections and are shown on Table A below.

White Wolf Fault

The White Wolf and Pleito thrust faults are located near the junction of the Sierra Nevada -Great Valley and Mojave tectonic blocks with the San Andreas Fault to the west (Plate 7). Movement

along the White Wolf has been reported at an average rate of 2 mm per year. The maximum moment magnitude of this fault is reported as 7.3 by the CDMG. The White Wolf fault is a northeast-trending reverse fault that ruptured during the magnitude 7.7 Kern County earthquake of July 21, 1952. The White Wolf fault is approximately 21.7 miles southeast of the site. Two (2) associated aftershocks occurring on July 29, and August 22, 1952 (referred to as the Bakersfield Quake) with magnitudes 6.1, and 5.8, respectively, occurred some distance (approximately 12 miles) northwest of the White Wolf fault and caused increased damage to downtown Bakersfield.

Pleito Thrust Fault

The Pleito thrust fault lies to the west of the White Wolf fault. It is an accurate, generally.east-west trending, south dipping thrust fault along the southern margin of the San Joaquin Valley. The fault is approximately 30.1 miles from the site. Movement along the Pleito Thrust has been reported at an average rate of 2 mm per year. The maximum moment magnitude of this fault is reported as 7.3 by the CDMG. The latest movement is Holocene so the fault is classified as active, although there are no confirmed associations with historical seismicity. Wesnousky (1986) assessed a characteristic magnitude of 7.0 and return period of 1470 years for the fault.

San Andreas Fault

The 1857 Rupture M-2a, Whole M-1a, Carrizo M-1c-2 and the Cholame M-1c-1 segments of the San Andreas fault are located approximately 39.6 miles southwest of the site (Figure 7). Movement along the San Andreas in this area is almost pure strike-slip at an average rate of 20 mm to 35 mm per year. The maximum moment magnitude (Mo) of this fault is reported as 7.8 to 8.0 by the California Division of Mines and Geology (CDMG). This segment of the San Andreas last ruptured in the 1857 Fort Tejon earthquake with displacements of 5-10 meters along a 220-mile surface rupture. An earthquake magnitude of 8.0 has been estimated by the U.S. Geological Survey for this segment and a conditional probability of occurrence of such an event of 0.1 over the 30 year period of 1988 to 2018 (USGS, 1988). Other segments of the San Andreas fault include the Cholame (north) and Mojave (south) segments; their respective distances from the site and characteristic magnitudes are 47.8 miles and magnitude 7.3 (Cholame) and 61.7 miles and magnitude 7.8 (Mojave). The associated conditional probabilities of occurrence, for the 30-year period of 1988 to 2018, estimated by the U. S. Geological Survey (1988), were 0.3 for both segments.

SEI utilized the software program EQSEARCHWIN version 3.0 (Thomas F. Blake) to evaluate historical earthquakes in the area of the site over the last 200 years. The Earthquake Epicenter Map (Figure 11) shows earthquake magnitudes and the epicentral distance from the site. The majority of the seismic activity in the area of the site has been along the White Wolf Fault and the San Andreas Fault. The closest earthquake of at least 5.0 magnitude to the site was 16.7 kilometers away, at a magnitude of 5.8 in August 1952. The largest magnitude earthquake within 100 miles was 7.9 on the San Andreas Fault in 1857. The largest estimated site accelerations are

0.198g from a 7.7 magnitude earthquake on July 21, 1952 on the White Wolf Fault. The EQSEARCHWIN estimation of Peak Acceleration from California Earthquake Catalogs Table and a Earthquake Epicenter Map are presented in Appendix C.

Seismic Sources

A number of active faults are located within a 50-mile radius of the subject site. To evaluate the affect a major earthquake might have on the site, the computer modeling programs EQFaultwin vers. 3.0 (Thomas Blake) were utilized. Site-specific parameters were inputted, and the programs computed the maximum peak site ground accelerations resulting from an earthquake. Because ground accelerations are based largely on fault distance and magnitude, we have focused our analysis on those faults which are close to the site, or that have large maximum credible magnitudes, or a combination of the two. The result of this analysis is presented below in Table A.

TABLE A

FAULT	Approximate Distance (Km)	Maximum Earthquake Magnitude (Mw)	Maximum Peak Ground Acceleration	Estimated Site Intensity (MM)
Kern Front	**0.68**	6.3	**0.518**	**X**
White Wolf	35	7.3	0.208	VIII
Pleito Thrust	48.5	7.0	0.138	VIII
San Andreas (1857 Rupture, Whole M-1a, Carrizo M-1c-2, Cho-Moj M-1b-1)	63.8	7.4 to **8.0**	0.114 to 0.156	VII to VIII
Garlock (west)	66.4	7.3	0.105	VII
Big Pine	69.3	6.9	0.083	VII
San Andreas (Cholame M-1c-1)	76	7.3	0.094	VII

This analysis estimates that a maximum peak ground acceleration of up to 0.518g would be felt at the site as a result of a maximum earthquake of magnitude 6.3 on the Kern Front Fault approximately 0.68 kilometers away. A maximum probable earthquake of magnitude 7.3 on the White Wolf Fault approximately 35 kilometers away would create a peak site ground acceleration of up to 0.208g at the site. See attached Deterministic Site Parameters for a full listing of computed

values for faults within a 100-mile radius of the site in Appendix C. Also attached is a California Fault Map showing nearby faults in relationship to the site (Figure 8A).

Utilizing the USGS Deaggregation program the Probabilistic Seismic Hazard Deaggregation for the Site was calculated to be 0.4018g for a 5% chance every 50 years of exceedance with an earthquake magnitude of 6.53. See Appendix C for the calculation result pages.

4.2 Seismology & Calculation of Earthquake Ground Motion

The site is not located within a mapped Alquist-Priolo (AP) Earthquake Zone and is not a Seismic Design Category E or F. The site qualifies for the Site-Specific Ground Motion Hazard Analysis exemption per Supplement 3 of Section 11.4.8 of ASCE 7-16 as long as the value for Sm1 is increased by50%. The seismic design information in Section 4.2.2 will be utilized for this project.

4.2.1 Site Class

The Project Area surface soils are defined in Section 2.4 above and the Geologic Setting is defined in Section 2.6. The estimated preliminary site class D was used for seismic parameters based on multiple geotechnical studies conducted by SEI near the site area. Confirmation of site soil class can only be determined by a subsurface investigation including soil borings or through geophysical measurements of shear wave velocity. Determination of site soil class will require subsurface data and will be determined during the design level geotechnical investigation.

4.2.2 Seismic Design Criteria

The 2022 California Building Code (CBC) utilizes ground motion based on the Risk-Targeted Maximum Considered Earthquake (MCER) that is defined in the 2022 CBC as the most severe earthquake effects considered by this code, determined for the orientation that results in the largest maximum response to horizontal ground motions and with adjustment for targeted risk. Ground motion parameters in the 2022 CBC are based on American Society of Civil Engineers (ASCE) 7-16, Chapter 11.

The United States Geologic Survey (USGS) has prepared maps presenting the Risk-Targeted MCE spectral acceleration (5% damping) for periods of 0.2 seconds (SS) and 1.0 seconds (S1). The values of SS and S1 can be obtained from the Office of Statewide Health Planning and Development (OSHPD) Seismic Design Maps Application available at: https://seismicmaps.org/.

The Tables below present the spectral acceleration parameters produced for an assumed Site Class D by OSHPD Seismic Design Maps Application and Chapter 16 of the 2022 CBC based on ASCE 7-16.

Seismic Design

The seismic design values are presented in the tables below based on the 2022 California Building Code (CBC). The Site Class for the proposed improvements located within the southwestern portion of Section 35 of Township 28 South, Range 27 East, MDBM in Bakersfield, Kern County, California, were assumed to be a Site Class D based on previous geotechnical investigation standard penetration test data near the project site areas. This will need to be confirmed by site-specific seismic shear wave surveys and/or evaluating the standard penetration test data obtained at the site areas during future site-specific design level Geotechnical Investigations. The central project area location was evaluated within the project site.

Location: Central Site - following coordinates: North: 35.443992°, West: -119.042228°.

SEISMIC DESIGN CRITERIA		VALUE	SOURCE
Risk Category		II	2022 CBC Table 1604.5 or 1604*A*.5
Site Class		D	2022 CBC § 1613.2.2 or 1613*A*.2.2; ASCE 7-16 Table. 20.3-1; Site Specific Soils Report
Mapped MCE_R Spectral Response Acceleration, short period	S_S	0.871g	SEAOC-OSHPD software; 2022 CBC Figure 1613.2.1(1)
Mapped MCE_R Spectral Response Acceleration, at 1-sec. Period	S_1	0.317g	SEAOC-OSHPD software; 2022 CBC Figure 1613.2.1(2)
Site Coefficient	F_a	1.152	SEAOC- OSHPD software; 2022 CBC Table 1613.2.3(1) or 1613*A*.2.3(1)
Site Coefficient	F_v	1.983	2022 CBC Table 1613.2.3(2) or 1613*A*.2.3(2)
Adjusted MCE_R Spectral Response Acceleration, short period, $F_a * S_s$	S_{MS}	1.003g	SEAOC- OSHPD software; 2022 CBC § 1613.2.3 or 1613*A*.2.3
Adjusted MCE_R Spectral Response Acceleration, 1-sec. period, $F_v * S_1$	S_{M1}	0.943	2022 CBC § 1613.2.3 or 1613*A*.2.3, ASCE 7-16, Supplement 3, § 11.4.8
Design Spectral Response Acceleration, short period, 2/3 * S_{MS}	S_{DS}	0.669g	SEAOC- OSHPD software; 2022 CBC § 1613.2.4 or 1613*A*.2.4
Design Spectral Response Acceleration, 1-sec. period, 2/3 * S_{MI}	S_{D1}	0.629	2022 CBC § 1613.2.4 or 1613*A*.2.4
Peak Ground Acceleration for Max. Considered Earthquake (MCE_G)	PGA	0.378g	SEAOC- OSHPD software; ASCE 7-16 Fig 22-9
Site Coefficient, F_{PGA} = 1.222, F_{PGA}* PGA	PGA_M	0.462g	SEAOC- OSHPD software; ASCE 7-16 § 11.8.3.2
Mapped Risk Coefficient at 0.2 second Spectral Response Period	C_{RS}	0.925	SEAOC- OSHPD software; ASCE 7-16 Figure 22-18A
Mapped Risk Coefficient at 1 second Spectral Response Period	C_{R1}	0.922	SEAOC- OSHPD software; ASCE 7-16 Figure 22-19A
Seismic Design Category, short period		D	2022 CBC § 1613.2.5
Seismic Design Category, 1second period *		D	2022 CBC § 1613.2.5

**See requirements for site-specific ground motions in Section 11.4.8. The values tabulated above for S_{M1}, S_{D1}, and the Seismic Design Category/1-second period are based on the site coefficient, F_v, interpolated from 2022 CBC Table 1613.2.3(2) or 1613A.2.3(2) and Supplement 3, § 11.4.8.*

MCE_R = Maximum Considered Earthquake (risk targeted)
MCE_G = Maximum Considered Earthquake (geometric mean)

See attached SEAOC/OSHPD seismic design data in Appendix C.

4.2.3 Geometric Mean Peak Ground Acceleration

As per Section 1803.5.12 of the CBC, peak ground acceleration (PGA) utilized for dynamic lateral earth pressures and liquefaction, shall be based on a site-specific study (ASCE 7-16, Section 21.5) or ASCE 7-16, Section 11.8.3. The preliminary values are presented on the tables above in section 4.2.2.

For liquefaction analysis and seismic settlement calculations a PGA of 0.462g, should be used. The levels of earthquake induced ground motion should be designed to comply with seismic response requirements at the Site. Structural dynamic characteristics contained in the Kern County Code of Buildings Regulations and the California Building Code and State of California design standards should be incorporated into the project design.

4.3 Liquefaction

Liquefaction describes a condition in which a saturated, cohesionless soil loses shear strength during earthquake shocks. Ground motion from an earthquake may induce cyclic reversals of shearing strains of large amplitude. Lateral and vertical movements of the soil mass, combined with loss of bearing strength, usually result from this phenomenon. Historically, liquefaction of soils has caused severe damage to structures, berms, levees, and roads. Seed and Idriss (1971) demonstrated that liquefaction potential depends on soil type, void ratio, depth to groundwater, duration of shaking, and confining pressures over the potentially liquefiable soil mass. Fine, well sorted, loose sand, shallow groundwater, severe seismic ground motion, and particularly long durations of ground shaking are conditions conducive for liquefaction.

The depth to groundwater, based on recent data, is greater than 100 feet bgs and historical data indicates that no shallow groundwater will be expected to be present within the Project Area. A design level geotechnical investigation will be required to confirm the liquefaction potential and seismic settlement in the Project Areas.

5.0 REGULATORY SETTING

5.1 Federal Regulations

5.1.1 Earthquake Hazards Reduction Act

The National Earthquake Hazards Reduction Program (NEHRP) leads the federal government's efforts to reduce the fatalities, injuries, and property losses caused by earthquakes. Congress established NEHRP in 1977, directing that four federal agencies coordinate their complementary activities to implement and maintain the program. These agencies are FEMA, the National Institute of Standards and Technology, the National Science Foundation, and the U.S. Geological Survey.

The NEHRP agencies pursue the goals of the program through collaboration with each other and numerous partners. In addition to other federal agencies, program partners include state and local governments, universities, research centers, professional societies, trade associations, and businesses, as well as associated councils, commissions, and consortia. NEHRP's work encompasses research, development, and implementation activities. Program research helps to advance our understanding of why and how earthquakes occur and impact the natural and built environments. The program develops strategies, tools, techniques, and other measures that can reduce the adverse effects of earthquakes, and facilitates and promotes implementation of these measures, thereby strengthening earthquake resilience among at-risk communities.

5.2 State Regulations

5.2.1 California and Uniform Building Codes

The 2022 California Building Standards Code (Title 24) and the Uniform Building Code provide standards for building construction as well as seismic design parameters and grading requirements. These codes contain specific requirements for seismic safety, excavation, foundations, retaining walls, and all demolition and grading activities.

5.2.2 Alquist-Priolo-Earthquake Fault Zoning Act

The Alquist-Priolo Earthquake Fault Zoning Act was passed in 1972 to mitigate the hazard of surface faulting to structures for human occupancy. The purpose of the Alquist-Priolo Geologic Hazards Zones Act, as summarized in CDMG Special Publication 42 (SP 42), is to "prohibit the location of most structures for human occupancy across the traces of active faults and to mitigate thereby the hazard of fault- rupture." Requirements to perform a fault hazard investigation only applies to structure intended for human occupancy. As indicated by SP 42, "the State Geologist is required to delineate "earthquake fault zones" (EFZs) along known active faults in California. Cities and counties affected by the zones must regulate certain development 'projects' within the

zones. They must withhold development permits for sites within the zones until geologic investigations demonstrate that the sites are not threatened by surface displacement from future faulting.

5.2.3 Seismic Hazards Mapping Act

The Seismic Hazards Mapping Act (1990) addresses non-surface fault rupture earthquake hazards such as liquefaction and seismically induced landslides. This Act requires the State Geologist to designate Seismic Hazard Zones. These Zones of Required Investigation referred to in CCR Article 10, Section 3722, are areas shown on Seismic Hazard Zone Maps where site investigations are required to determine the need for mitigation of potential liquefaction and/or earthquake-induced landslide ground displacements. The California Geological Survey has not issued a Seismic Hazards Maps for the project area.

5.2.4 NPDES General Permit for Construction Storm Water Discharges

The National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction Activity (General Permit) Water Quality Order 99-08-DWQ applies to projects that disturb one or more acres of soil. General Permits are implemented and enforced by the California Regional Water Quality Control Board (RWQCB). The permit requires that the following general measures be implemented during construction activity:

- Elimination or reduction of non-stormwater discharges to storm water systems and other waters of the U.S.
- Development and implementation of a Storm Water Pollution Prevention Plan (SWPPP) prepared by a Qualified SWPPP Developer identifying Best Management Practices (BMPs) the discharger will use to protect storm water runoff and incorporating visual, chemical, and sediment monitoring programs.
- Inspections of storm water control structures and pollution prevention measures.

5.3 Local Regulations

5.3.1 Kern County Code of Building Regulations

The 2022 Kern County Code of Building Regulations was developed to promote the public safety and welfare by the adoption of minimum building standards to be required and enforced throughout the unincorporated territory of the County of Kern.

Construction in Kern County is required to conform to the Kern County Building Code (Chapter 17.08, Building Code, of the Kern County Code of Regulations). Kern County has adopted the

California Building Code, with some modifications and amendments.

5.3.2 Chapter 17.28 Kern County Grading Code

The purpose of the Kern County Grading Code is to safeguard life, limb, property, and the public welfare by regulating grading on private property. All requirements of the Kern County Grading Code would be applied during implementation of the proposed project. All required grading permit(s) would be obtained prior to commencement of construction activities. Sections of the Grading Code that are particularly relevant to geology and soils are provided below.

17.28.140 Erosion control

A. Slopes

The faces of cut and fill slopes shall be prepared and maintained to control against erosion. This control may consist of effective planting. The protection for the slopes shall be installed as soon as practicable and prior to calling for final approval. Where cut slopes are not subject to erosion due to the erosion-resistant character of the materials, such protection may be omitted.

B. Other Devices

Where necessary, check dams, cribbing, riprap or other devices or methods shall be employed to control erosion and provide safety.

C. Temporary Devices

Temporary drainage and erosion control shall be provided as needed at the end of each work day during grading operations, such that existing drainage channels would not be blocked. Dust control shall be applied to all graded areas and materials and shall consist of applying water or another approved dust palliative for the alleviation or prevention of dust nuisance. Deposition of rocks, earth materials or debris onto adjacent property, public roads or drainage channels shall not be allowed.

17.28.150 Drainage retention facilities

A. General

All drainage retention/detention facilities and their associated conveyance facilities shall be designed in accordance with the Kern County Development Standards or latest revision thereof.

17.28.160 Maintenance

The owner of any property on which grading has been performed pursuant to a permit

issued under the provisions of this chapter, or any other person or agent in control of such property, shall maintain in good condition and repair all drainage structures, sumps and other protective devices shown on the grading plans filed with the application for grading permit and approved as a condition precedent to the issuance of such permit.

17.28.170 Grading inspection

A. General

All grading operations for which a permit is required shall be subject to inspection by the building official. Professional inspection of grading operations and testing shall be provided by the civil engineer, soils engineer, and the engineering geologist retained to provide such services in accordance with Subsection 17.28.170(E) for engineered grading and as required by the building official for regular grading.

B. Civil Engineer

The civil engineer shall provide professional inspection within such engineer's area of technical specialty, which shall consist of observation and review as to the establishment of line, grade and surface drainage of the development area. If revised plans are required during the course of the work, they shall be prepared by the civil engineer.

C. Soils Engineer

The soils engineer shall provide professional inspection within such engineer's area of technical specialty, which shall include observation during grading and testing for required compaction. The soils engineer shall provide sufficient observation during the preparation of the natural ground and placement and compaction of the fill to verify that such work is being performed in accordance with the conditions of the approved plan and the appropriate requirements of this chapter. Revised recommendations relating to conditions differing from the approved soils engineering and engineering geology reports shall be submitted to the permittee, the building official, and the civil engineer.

D. Engineering Geologist

The engineering geologist shall provide professional inspection within such engineer's area of technical specialty, which shall include professional inspection of the bedrock excavation to determine if conditions encountered are in conformance with the approved report. Revised recommendations relating to conditions differing from the approved engineering geology report shall be submitted to the soils engineer.

E. Permittee

The permittee shall be responsible for the work to be performed in accordance with the approved plans and specifications and in conformance with the provisions of this Ordinance Code, and the permittee shall engage consultants, if required, to provide professional inspections on a timely basis. The permittee shall act as a coordinator between the consultants, the contractor and the building official. In the event of changed conditions, the permittee shall be responsible for informing the building official of such change and shall provide revised plans for approval.

F. Building Official

The building official may inspect the project at the various stages of the work requiring approval to determine that adequate control is being exercised by the professional consultants.

G. Notification of Noncompliance

If, in the course of fulfilling their responsibility under this chapter, the civil engineer, the soils engineer, or the engineering geologist finds that the work is not being done in conformance with this chapter or the approved grading plans, the discrepancies shall be reported immediately in writing to the permittee and to the building official. Recommendations for corrective measures, if necessary, shall also be submitted.

H. Transfer of Responsibility

If the civil engineer, the soils engineer, or the engineering geologist of record is changed during the course of the work, the work shall be stopped until:

1. The civil engineer, soils engineer, or engineering geologist, has notified the building official in writing that they will no longer be responsible for the work and that a qualified replacement has been found who will assume responsibility.
2. The replacement civil engineer, soils engineer, or engineering geologist notifies the building official in writing that they have agreed to accept responsibility for the work.

5.4 Kern County Environmental Checklist

The Kern County CEQA Implementation Document and Kern County Environmental Checklist state that a project would have a significant effect if it:

- Exposes people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:

- Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State geologist for the area or based on other substantial evidence of a known fault;
- Strong seismic ground shaking;
- Seismic-related ground failure, including liquefaction;
- Landslides;

- Results in substantial soil erosion or the loss of topsoil;
- Is located on a geologic unit or soil that is unstable, or that would become unstable as a result of the proposed project, and potentially result in on-site or off-site landslide, lateral spreading, subsidence, liquefaction or collapse; is located on expansive soil, as defined in Section 1805.8 of the California Building Code, creating substantial risks to life or property.

An evaluation according to this checklist follows:

a) Exposes people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo (AP) Earthquake Fault Zoning Map issued by the state geologist for the area or based on other substantial evidence of a known fault.

The project area is located outside of an AP Fault-Rupture Hazard Zone. The Kern Front Fault is the closest active fault (0.41 miles away) with some creep occurring due to fluid extraction in the project area and neighboring areas. Other local faults near the site include the active Premier Fault and the New Hope Fault within 2.4 and 3.18 miles from the project border and the Poso Creek Fault approximately 6.3 miles north of the project site border (see Figure 7). The Poso Creek Fault and a portion of the New Hope Fault are Quaternary faults (age undifferentiated). Any structure that is designated as occupied and located within 50 feet of an active fault trace would require a fault investigation.

Mitigation Measure GEO – 1: Project proponent will not place structures near any known active fault traces unless a fault investigation is completed. This would reduce the potential of exposure of structures to surface fault rupture and reduce the hazard to less than significant.

ii) Strong seismic ground shaking.

Estimated ground motion may be moderate to very intense and there are numerous faults in the area that are capable of producing strong ground motion. The threshold of significance would be exceeded if habitable structures are not designed to withstand seismic loading that could result in structure damage or collapse.

Mitigation Measure GEO – 2: Project proponent will design structures in accordance with state and county code requirements for seismic ground shaking and geotechnical and geohazard constraints. Designs shall comply with seismic, soil response at the site, and structural dynamic characteristics contained in the most current Kern County Code of Building Regulations and the California Building Code and State of California design standards Chapter 16 and 18.

These design standards are required by law for all new structures in Kern County and were established to reduce the potential impact to structures from strong seismic shaking to a less than significant level.

iii) Seismic-related ground failure, including liquefaction.

Mitigation Measure GEO – 3: The potential for impacts relating to liquefaction and seismic settlements will be addressed by the applicant in the site-specific design-level geotechnical report prepared by a registered engineering geologist or soils engineer. The design-level geotechnical report will provide specific design requirements necessary for the design of the structures in relation to seismic-related ground failure, including liquefaction. The geotechnical investigation would include multiple soil borings to collect representative soil samples within each proposed structure area that will be tested for a variety of soil properties. The results of this geotechnical testing will be utilized in the evaluation of the subsurface soil conditions and how the potential seismic activity would impact the site area and to determine the liquefaction potential. These design requirements will comply with the current California Building Code and State of California design standards Chapter 16 which are required by law for all new structures in Kern County. These design standards and codes were established to reduce the potential impact to structures from seismic-related ground failure, including liquefaction to a less than significant level.

iv) Landslides.

The proposed project area has a gentle slope topography with no slopes >5%. The potential hazard due to landslides from adjacent features appears to be very low.

Mitigation Measure GEO – 4: Development near steep slopes should maintain a sufficient setback distance to meet the requirements of 2022 CBC Section 1808.7. Maintaining sufficient setback distance would ensure that slope failures do not impact the Site and reduce the hazard of landslides to less than significant.

b) Result in substantial soil erosion or the loss of topsoil.

According to the Kern County General Plan Safety Element, the Site is not within a zone that is prone to soil erosion (Kern County General Plan Safety Element, 2009). The proposed Site has a gentle slope topography which will need to be graded properly to minimize the possibility for the formation of significant rills or gullies by water. With respect to soil erosion by wind, earthwork at the Site during construction might cause some disturbed soils to be affected by wind erosion (see Figure 4B for wind erodibility potential).

New construction and grading projects requiring a storm water pollution prevention plan (SWPPP) will also require an Erosion Control Plan (ECP) for the mitigation of potential soil erosion and sedimentation. Projects that involve more than an acre of disturbance that will result in the discharge of stormwater to a Water of the United States containing contaminants and/or sediments must comply with the State Water Resources Control Board's Construction General Permit. Additionally, the Kern County Engineering, Survey and Permit Services Department require that such projects complete an "Applicability of NPDES Storm Water Program" form. As required, the SWPPP will be submitted for approval by Kern County Engineering, Survey and Permit Services.

Mitigation Measure GEO – 5: Prior to construction, a SWPPP, Erosion Control Plan, and Applicability of NPDES Storm Water Program, will be submitted for approval by Kern County Engineering, Survey and Permit Services. Additionally, the applicant will apply for coverage under the State water Resources Control Board's Construction General Permit. Each of these plans and permits are designed to reduce erosion from wind, water, and construction activities. These plans would reduce the potential of

substantial soil erosion or the loss of topsoil to a less than significant level. The erosion control plan should include measures to reduce wind erosion during construction. Measure could include reduced speed limits on construction traffic and continued wetting of construction roads.

c) Is located on a geologic unit or soil that is unstable, or that would become unstable as a result of the proposed project, and potentially result in on-site or off-site landslide, lateral spreading, subsidence, liquefaction or collapse.

Hydrocompaction is the consolidation of loose dry surface soils from the infiltration of water. Materials of unusually low density deposited in areas of low rainfall undergo significant compaction when they become thoroughly wetted. Site soils appear to have a low potential for hydrocompaction and subsidence but will require further evaluation (see Figure 9). A more detailed geotechnical investigation will be performed once the layout of the structures is defined. Hydrocompaction materials consist of sediments loosely placed by wind or by mudflow, that when saturated, the material hydrocompacts (settlement). If hydrocompaction soil is encountered, project proponent shall: 1) over-excavate and re-compact the material, 2) design the foundation deeper than the hydrocompaction material zone, or 3) provide an alternative engineering solution to ensure that hydrocompaction will not result in instability of project features.

The depth to groundwater, based on recent and historical data, is and has been greater than 50 feet bgs, indicating that shallow groundwater should not present in the Project Area. A design level geotechnical investigation will be required to confirm the liquefaction potential and seismic settlement in the Project Area.

Mitigation Measure GEO – 6: The potential for impacts relating to unstable soils, on-site or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse will be addressed by the applicant in the site-specific design-level geotechnical report prepared by a registered engineering geologist or soils engineer. Hydrocompaction assessment, seismic induced settlement evaluation and protection recommendations in the geotechnical investigation, and grading recommendations will mitigate these potential impacts. Prior to issuance of grading or building permits for the project, the applicant shall submit the geotechnical report to the Kern County Engineering, Surveying, and Permit Services Department for review and approval. The design-level geotechnical report will provide specific design requirements necessary for the design of the structures in relation to unstable soils, on-site or off-site landslides,

lateral spreading, subsidence, liquefaction, or collapse. These design requirements will comply with California Building Code and State of California design standards Chapters 16 and 18 which are required by law for all new structures in Kern County. These design standards were established to reduce the potential impact related to unstable soils, on-site or off-site landslides, lateral spreading, subsidence, liquefaction, or collapse to a less than significant level.

d) Is located on expansive soil, as defined in Section 1805.8 of the California Building Code, creating substantial risks to life or property.

The Site area soils may be expansive in some areas of the project. A geotechnical engineering evaluation would be needed to confirm the actual site conditions. Any recommendations based on the results of the evaluation would be performed according to standard geotechnical engineering practices.

Mitigation Measure GEO – 7: The potential for impacts relating to expansive soils will be addressed by the applicant in the site-specific design-level geotechnical report prepared by a registered engineering geologist or soils engineer. The risk associated with expansive soils can be addressed during design of the project, in accordance with the requirements of Chapter 18 of the California Building Code. The standards set forth in the California Building Code are required to be implemented by law for new structures and are designed to reduce impacts from expansive soil to a less than significant level. Should expansive soils be identified, mitigation techniques can be readily implemented. Such techniques include overexcavation and replacement with non-expansive soil, moisture control, soil mixing, lime treatment, and/or development of specific structural designs for expansive soil conditions. In following the recommendations of the design-level geotechnical evaluation, project risks with respect to expansive soils can be adequately mitigated. We are not aware of any reason these expansive soil mitigation methods cannot be implemented effectively and reasonable for the Project. This impact is considered less than significant with mitigation incorporated.

e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water.

The Site does not require any new septic tanks or wastewater disposal systems as

wastewater from the Project Area will be served by the North of River Sanitary District with service laterals extended to the project site from existing sewer main within Merle Haggard Drive. Therefore, there is no impact.

5.5 Cumulative Impacts

Development of the proposed project in addition to projected future development in the area will alter the landforms in the region and expose workers and structures to the geologic hazards of the region. Site- specific geologic and construction issues will be addressed and potential impacts mitigated by implementation of recommendations contained in site-specific geotechnical investigation(s) as the proposed project and improvements proceed through the permitting processes. The proposed project is not located close enough to other project sites in the area to cumulatively impact geology and soils. Furthermore, any geological and soil impacts are localized to the specific project areas and therefore, will not create a significant cumulative impact. The consideration of geologic and soil impacts and mitigation efforts of each proposed project in the area will result in cumulative impacts that are less than significant.

6.0 LIMITATIONS

The findings expressed in this report are based on a limited preliminary study for the area that consisted of Site reconnaissance in accessible areas and a review of publicly available references. The findings and evaluations in this report do not represent an engineering analysis of actual site conditions such as those that would be determined through on-site geologic or geotechnical investigations. A detailed investigation consisting of field exploration (field exploration and soil sampling), laboratory testing of soil samples, and engineering analysis will be required for definitive evaluation of the potential environmental impacts from development.

The findings of this report are valid as of the present. However, changes in the conditions of the Site can occur with the passage of time, whether caused by natural processes or the work of man, on this property or adjacent property. In addition, changes in applicable or appropriate standards may occur, whether they result from legislation, governmental policy or the broadening of knowledge.

SEI has prepared this report for the exclusive use of the Client and members of the project design team. The report has been prepared in accordance with generally accepted geotechnical engineering practices which existed in Kern County at the time the report was written. No other warranties either expressed or implied are made as to the professional advice provided under the terms of SEI’s agreement with Client and included in this report.

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EQSEARCHWIN, ver. 3.0, Thomas F. Blake

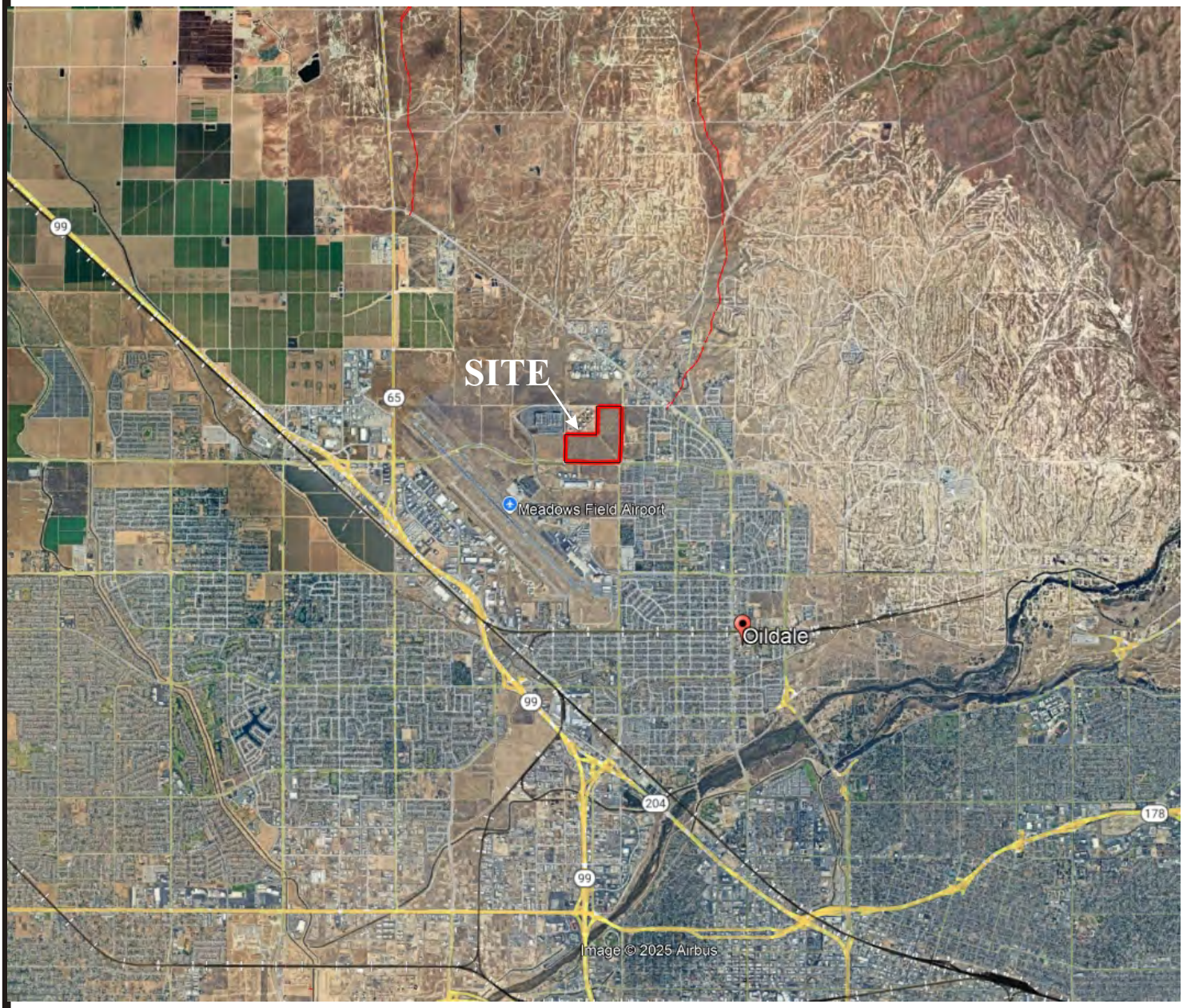
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SOILS ENGINEERING, INC.
4400 Yeager Way
BAKERSFIELD, CA 93313

DATE: 3/25
PROJECT: #20240

Airport Commerce Center (ACC) CUP
SW of Petrol Road and Airport Drive
Bakersfield, Kern County, CA

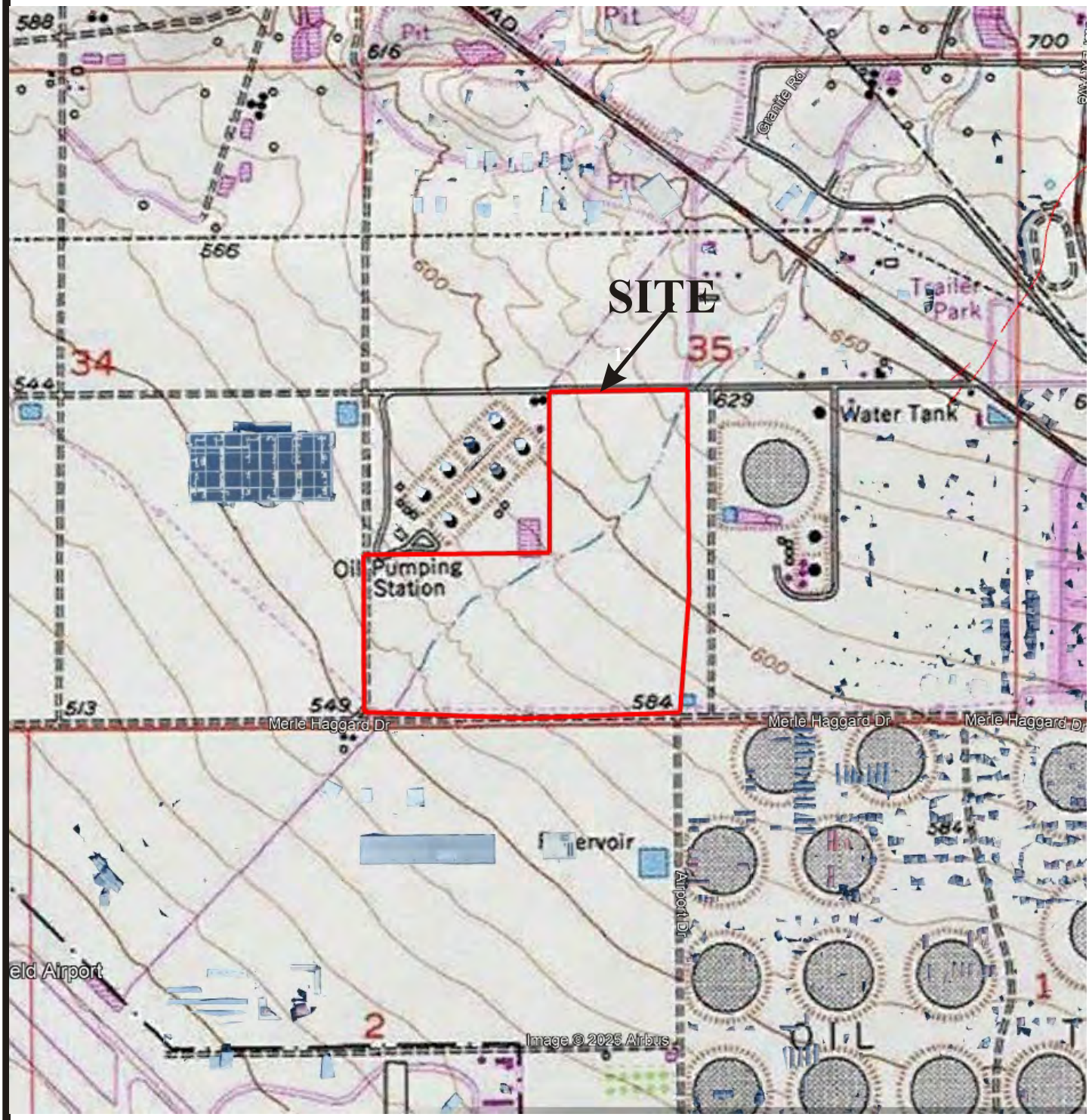
Location Map

Figure 1

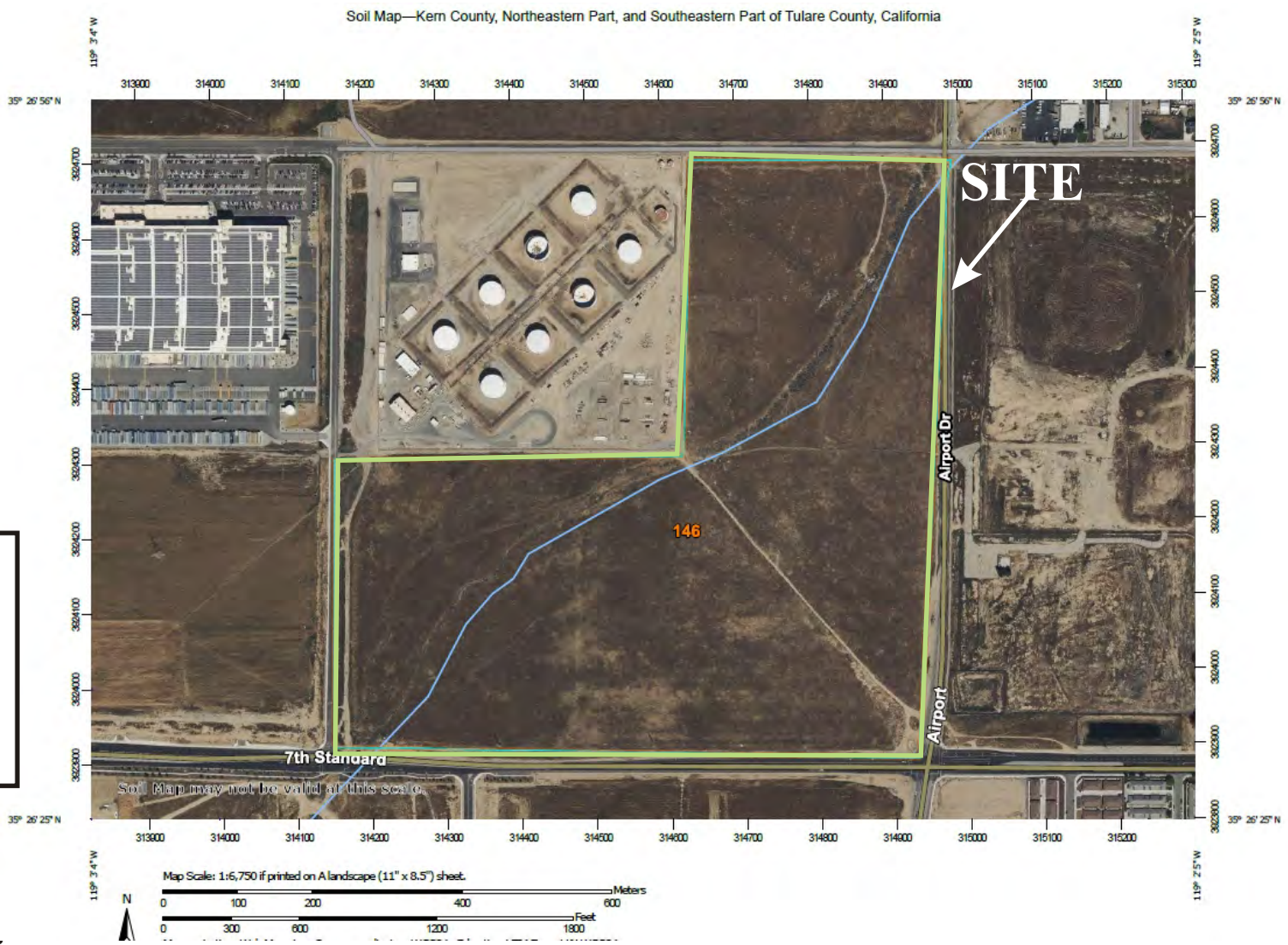


Note: Not all Pipeline Markers are shown (General Locations)

SOILS ENGINEERING, INC. 4400 Yeager Way BAKERSFIELD, CA 93313 DATE: 3/25 PROJECT: #20240	**Airport Commerce Center (ACC) CUP** **SW of Petrol Road and Airport Drive** **Bakersfield, Kern County, CA** Project Area on Aerial	Figure 2



SOILS ENGINEERING, INC. 4400 Yeager Way BAKERSFIELD, CA 93313	**Airport Commerce Center (ACC) CUP** **SW of Petrol Road and Airport Drive** **Bakersfield, Kern County, CA**	Figure 3
DATE: 3/25 PROJECT: #20240	Topographic Map	



N

Soils

146 - Delano Sandy Loam,
1 to 5 percent slopes

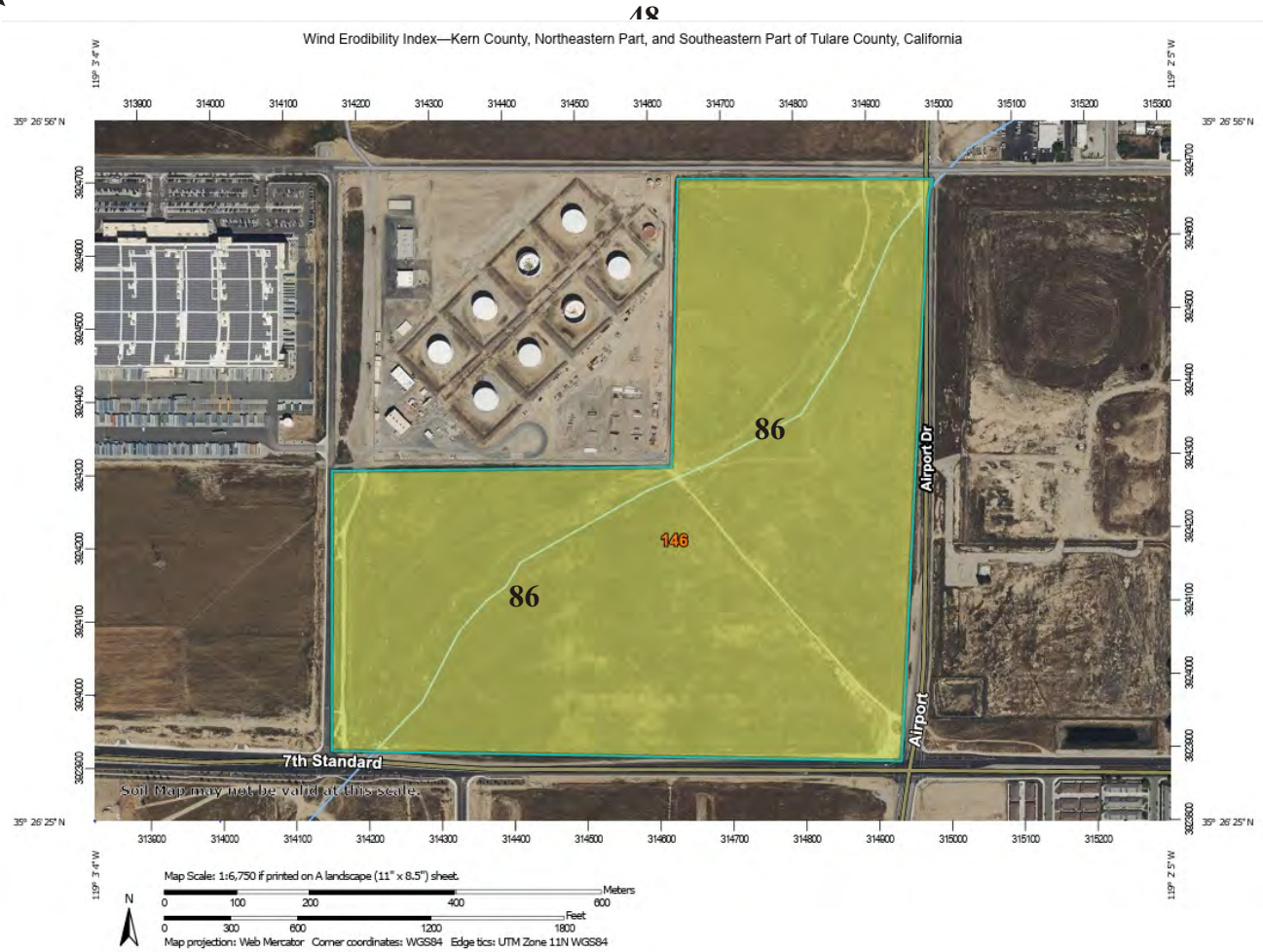
(SM) = Silty Sand - USCS Classification
(SC & SM) = Clayey Sand/Silty Sand - USCS
(CL) = Sandy Clay - USCS, ML = Sandy Silt - USCS

0 1/8 1/4 miles

Scale

Source: Web Soil Survey, USDA, Soil Map

SOILS ENGINEERING, INC. 4400 Yeager Way BAKERSFIELD, CA 93313 DATE: 3/25 PROJECT: #20240	**Airport Commerce Center (ACC) CUP** **SW of Petrol Road and Airport Drive** **Bakersfield, Kern County, CA**	**Soil Map**	**Figure 4**



Soil Erodibility Legend

Soil Rating Polygons

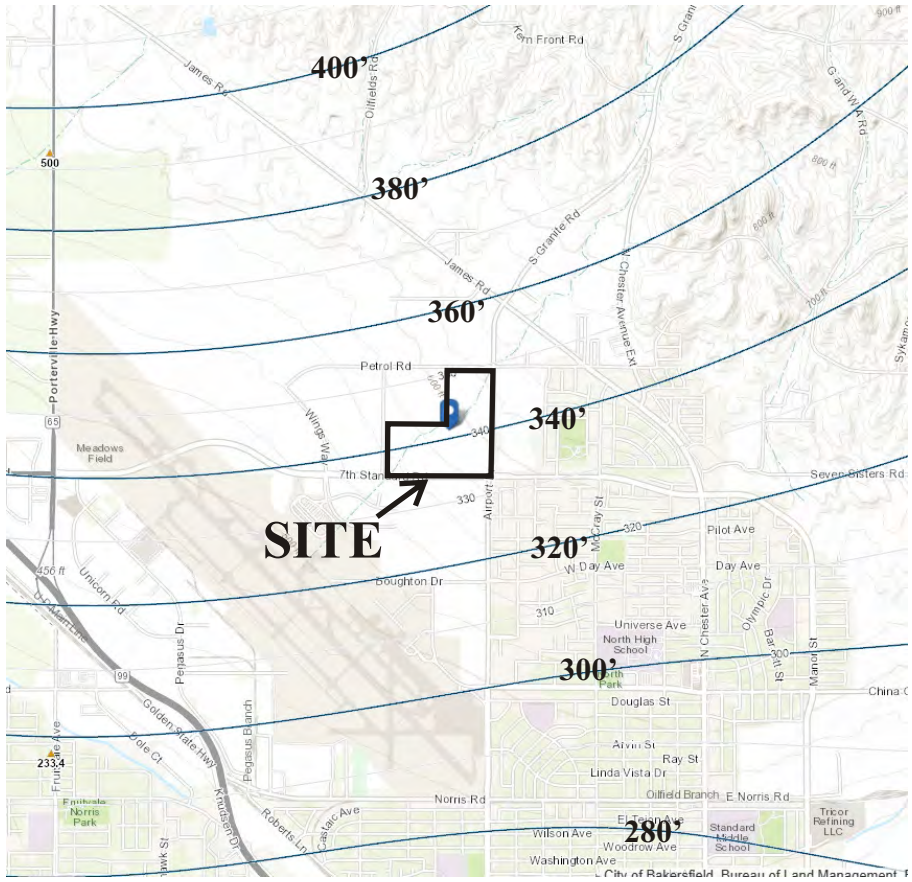
- 0
- 38
- 48
- 56
- 86
- 134
- 160
- 180
- 220
- 250
- 310
- Not rated or not available

0 0.5 1 miles

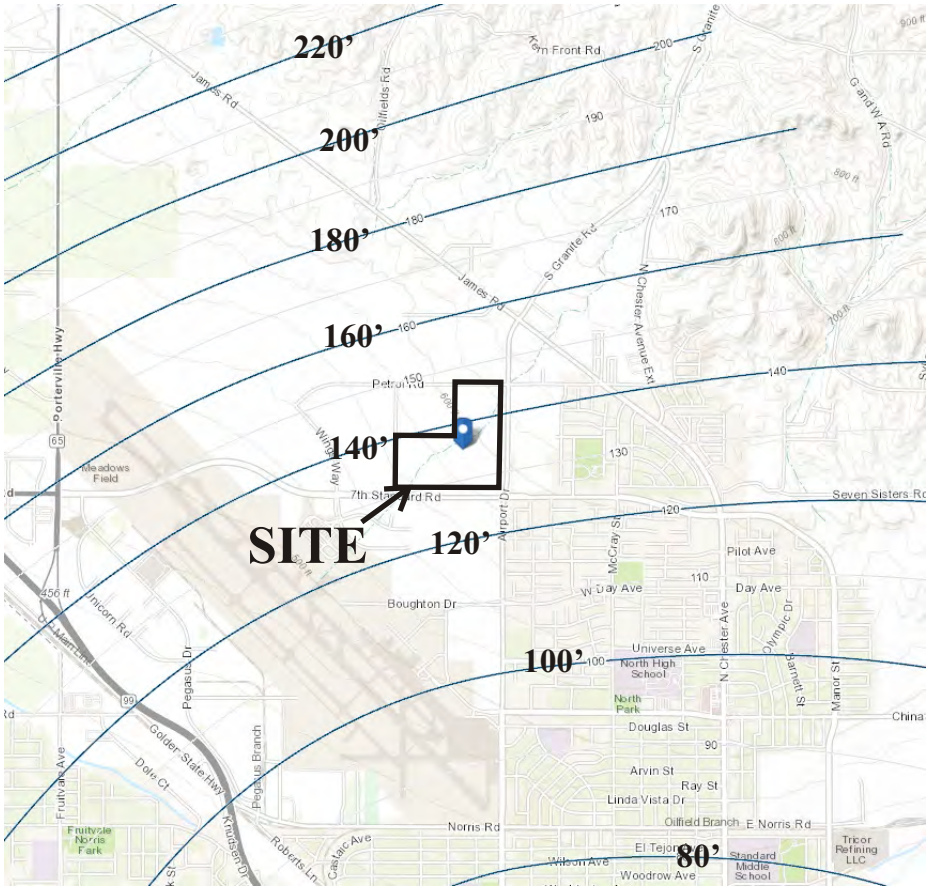
Scale

Source: Web Soil Survey, USDA, Wind Erodibility Map

SOILS ENGINEERING, INC. 4400 Yeager Way BAKERSFIELD, CA 93313 DATE: 3/25 PROJECT: #20240	**Airport Commerce Center (ACC) CUP** **SW of Petrol Road and Airport Drive** **Bakersfield, Kern County, CA**	**Wind Erodibility Map**	**Figure 4A**



Source: SGMA Data Viewer Spring 2024



Source: SGMA Data Viewer Spring 2019

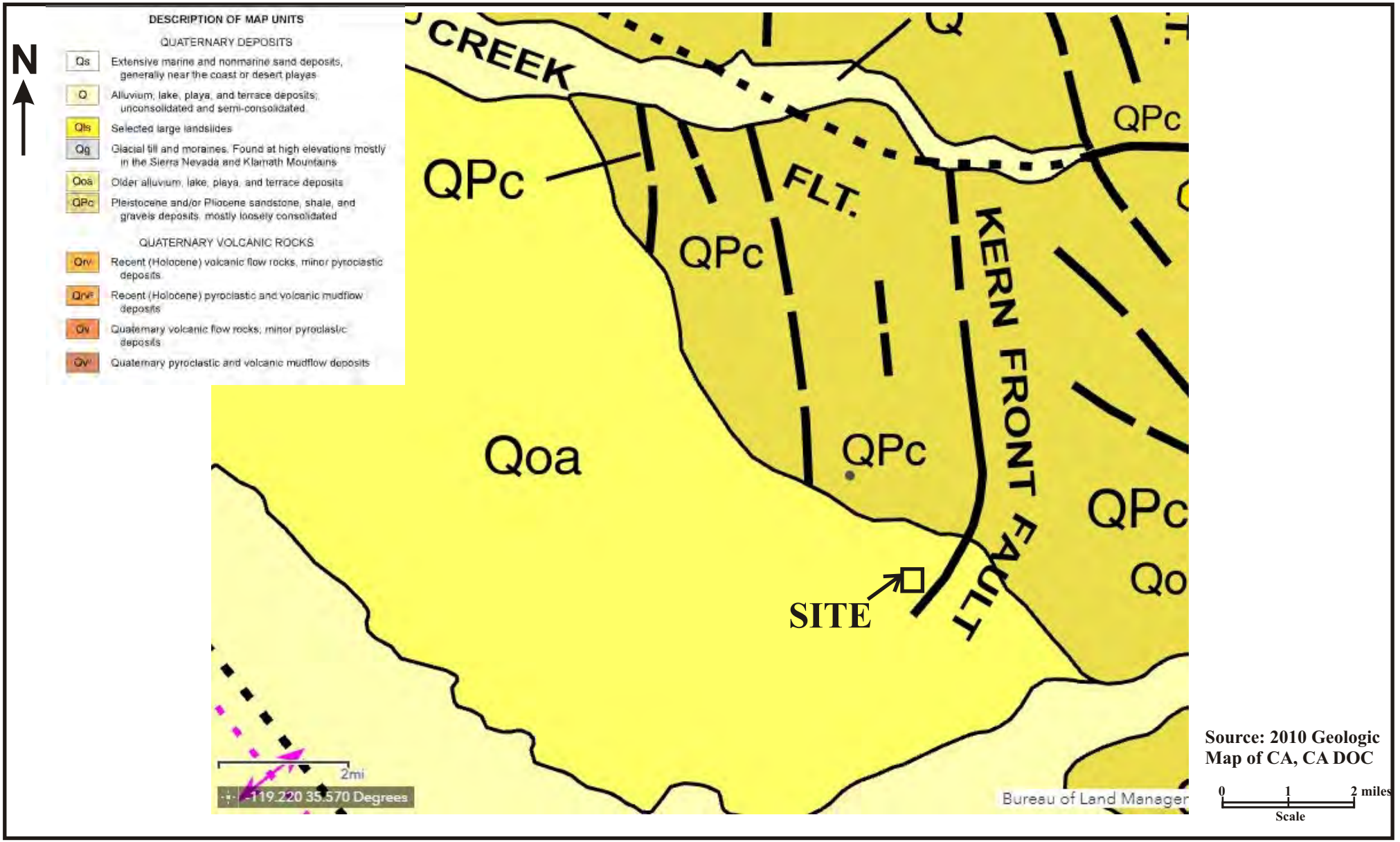
N

Legend

Depth to Groundwater Contour (20’ intervals)

Project Area

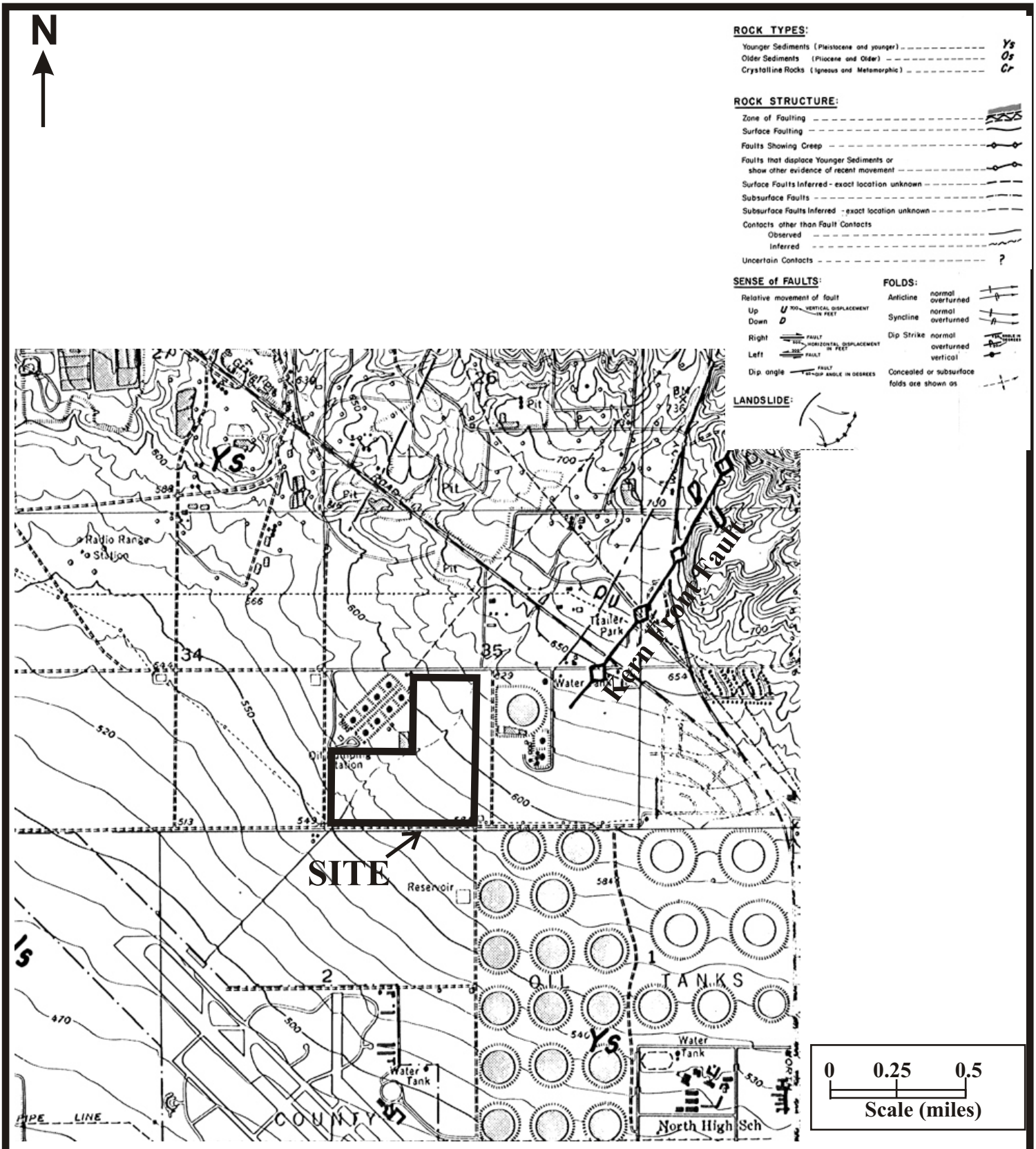
SOILS ENGINEERING, INC. 4400 Yeager Way BAKERSFIELD, CA 93313 DATE: 3/25 PROJECT: #20240	**Airport Commerce Center (ACC) CUP** **SW of Petrol Road and Airport Drive** **Bakersfield, Kern County, CA**	**Depth To Groundwater Map**	Figure 5



SOILS ENGINEERING, INC. 4400 Yeager Way BAKERSFIELD, CA 93313 DATE: 3/25 PROJECT: #20240	**Airport Commerce Center (ACC) CUP** **SW of Petrol Road and Airport Drive** **Bakersfield, Kern County, CA**	**Geologic Map**	**Figure 6**

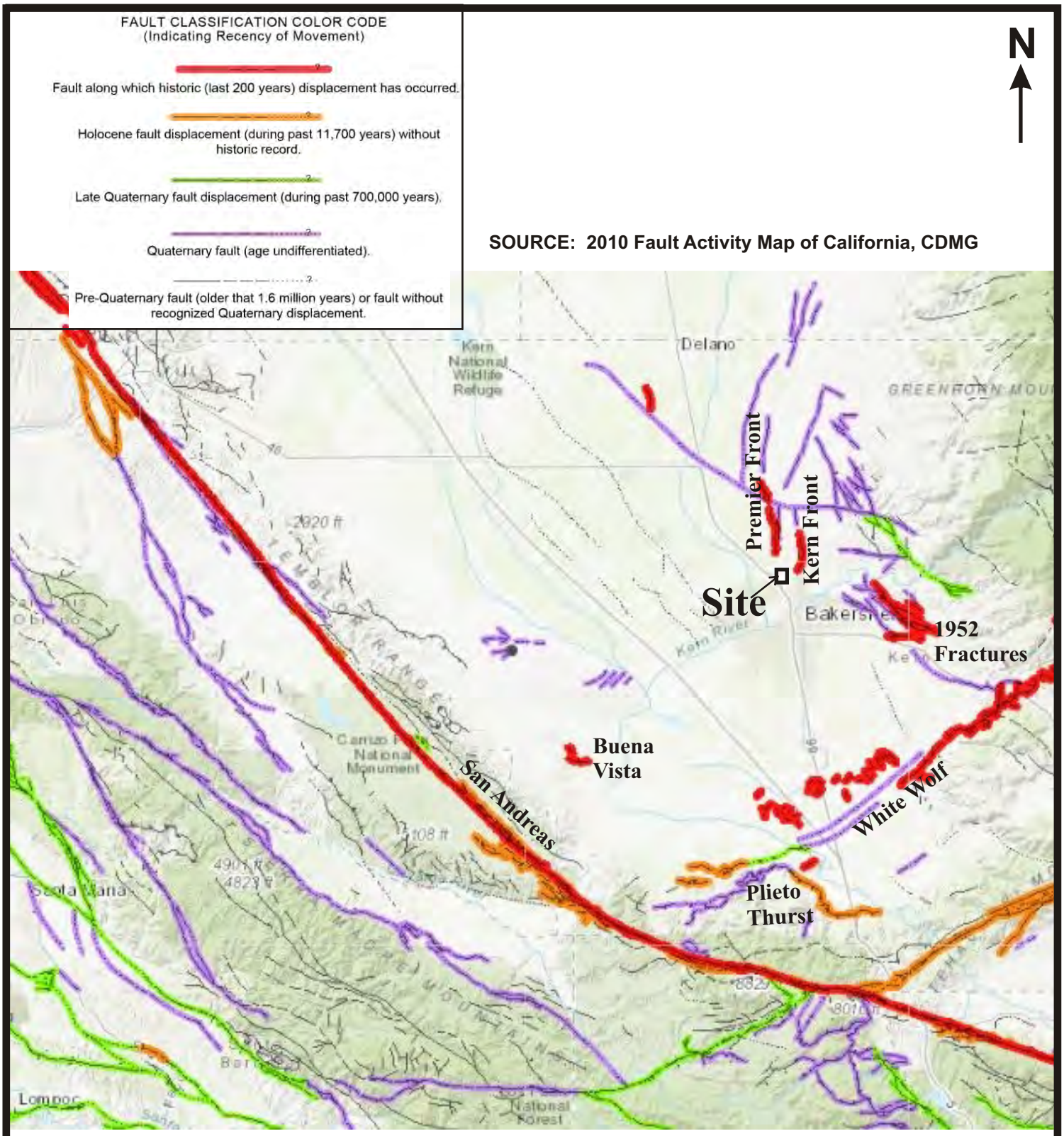


SOILS ENGINEERING, INC. 4400 Yeager Way BAKERSFIELD, CA 93313 DATE: 3/25 PROJECT: #20240	**Airport Commerce Center** **SW of Petrol Rd. and Airport Dr.** **Bakersfield, CA**	**Earthquake Fault Zone Map**	**Figure 7**

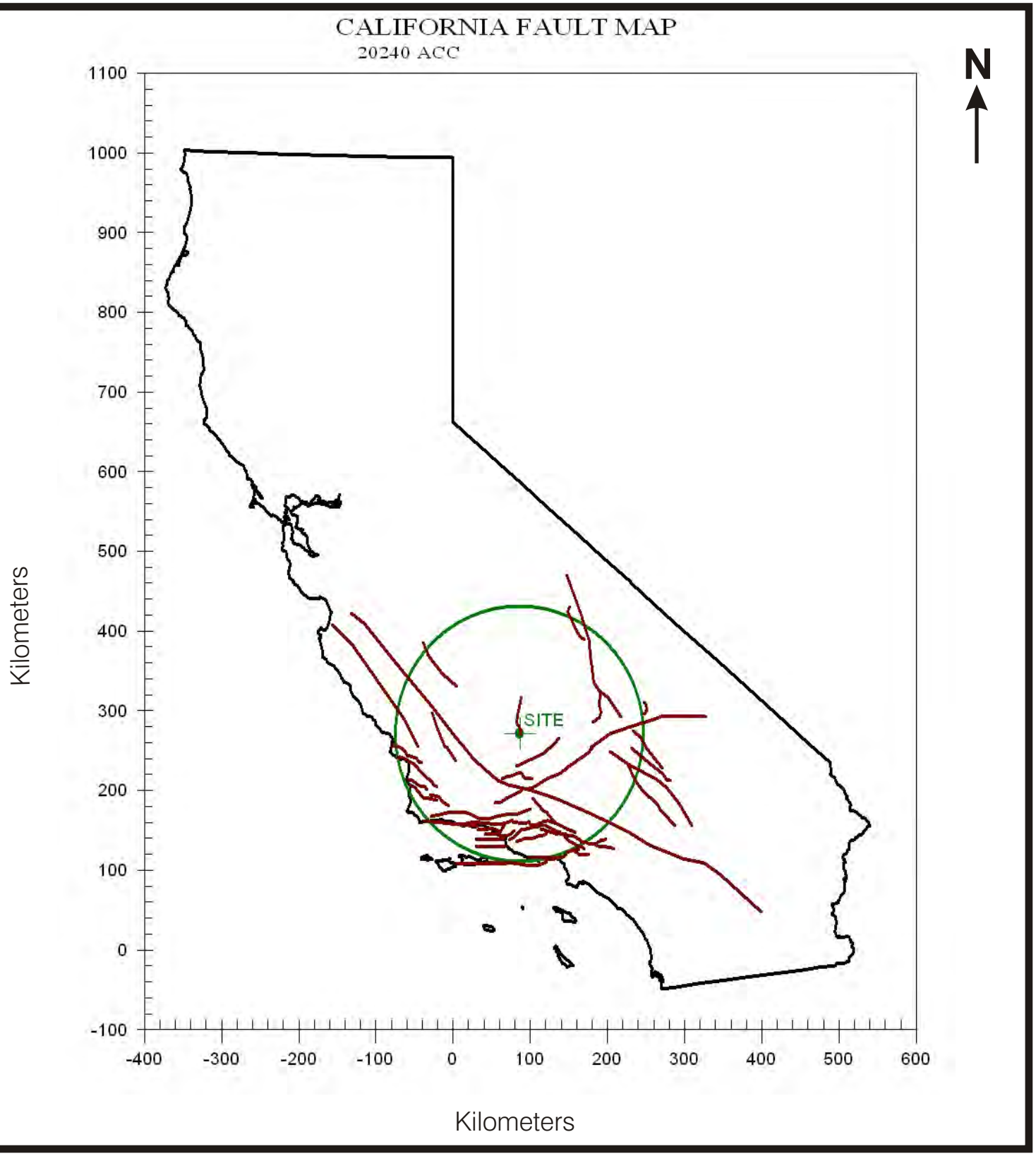


Source: Kern County Council of Governments: Oildale Seismic Hazard Atlas Quadrangle

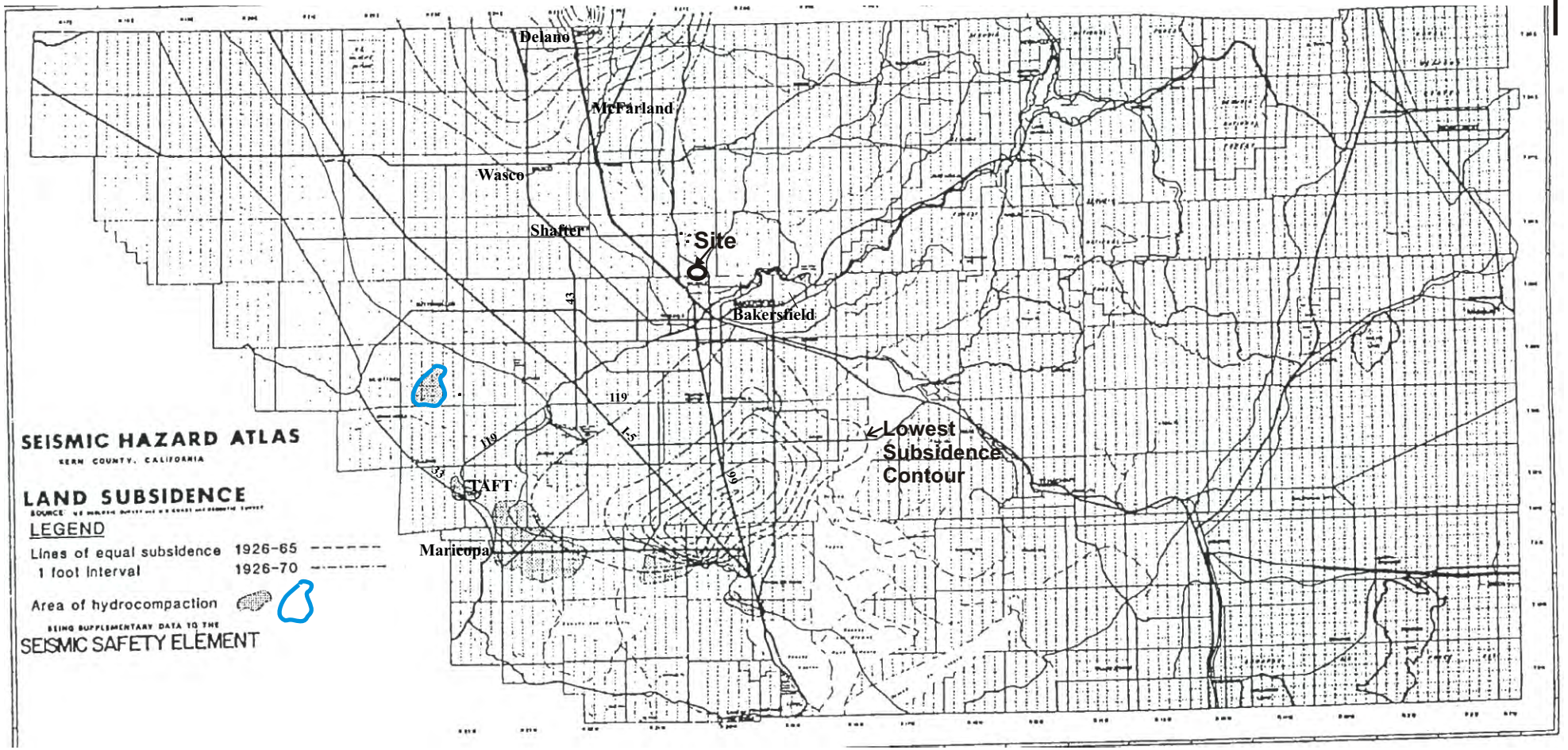
SOILS ENGINEERING, INC. 4400 Yeager Way BAKERSFIELD, CA 93313 DATE: 3/25 PROJECT: #20240	**Airport Commerce Center (ACC) CUP** **SW of Petrol Road and Airport Drive** **Bakersfield, Kern County, CA** Seismic Hazard Atlas Map	Figure 7A



SOILS ENGINEERING, INC. 4400 Yeager Way BAKERSFIELD, CA 93313	**Airport Commerce Center (ACC) CUP** **SW of Petrol Road and Airport Drive** **Bakersfield, Kern County, CA**	Figure
DATE: 3/25 PROJECT: #20240	Regional Fault Activity Map	8

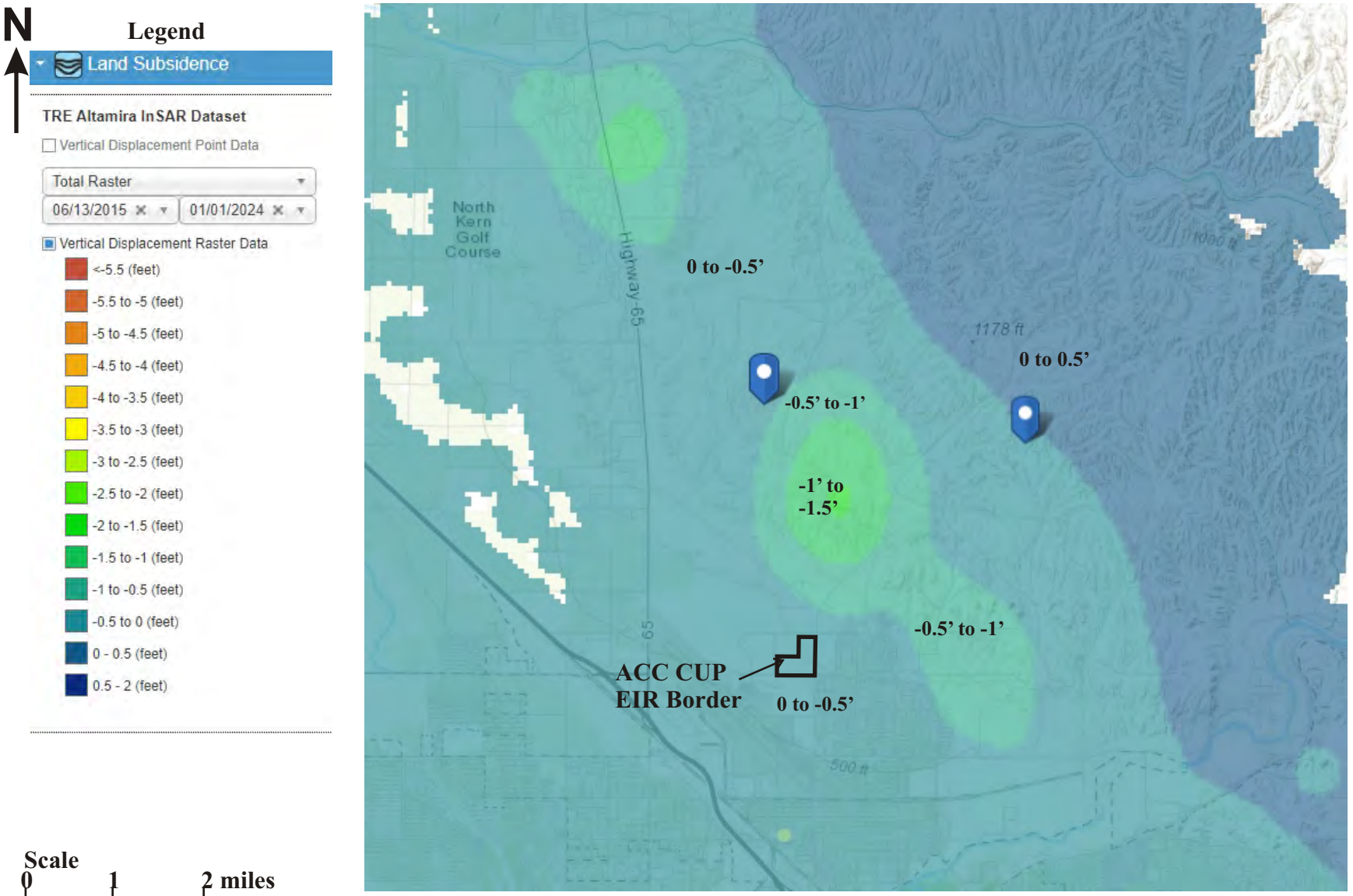


SOILS ENGINEERING, INC. 4400 Yeager Way BAKERSFIELD, CA 93313	**Airport Commerce Center (ACC) CUP** **SW of Petrol Road and Airport Drive** **Bakersfield, Kern County, CA**	Figure 8A
DATE: 3/25 PROJECT: #20240	Fault Location Map	



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cêçã=`áíó=çÑ=_~âÉêëÑáÉäÇ=p~ÑÉíó=bäÉãÉåí=EcáÖìêÉ=NRÄÖìêÉ=V



Source: SGMA Data Viewer - https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer#landsub

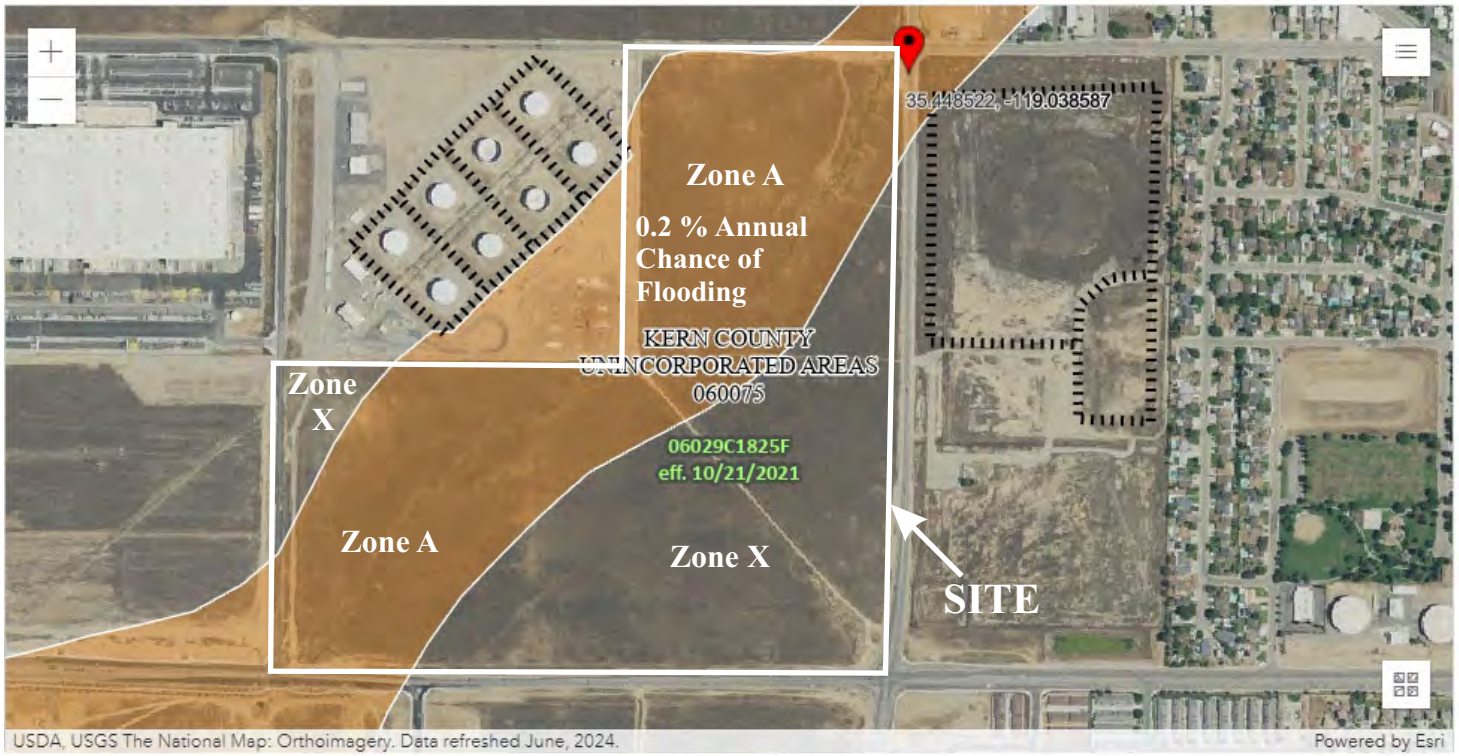
SOILS ENGINEERING, INC.
4400 Yeager Way
BAKERSFIELD, CA 93313

DATE: 3/25
PROJECT: #20240

Airport Commerce Center (ACC) CUP
SW of Petrol Road and Airport Drive
Bakersfield, Kern County, CA

Area Land Subsidence Map 2015-2024

Figure 9A



N

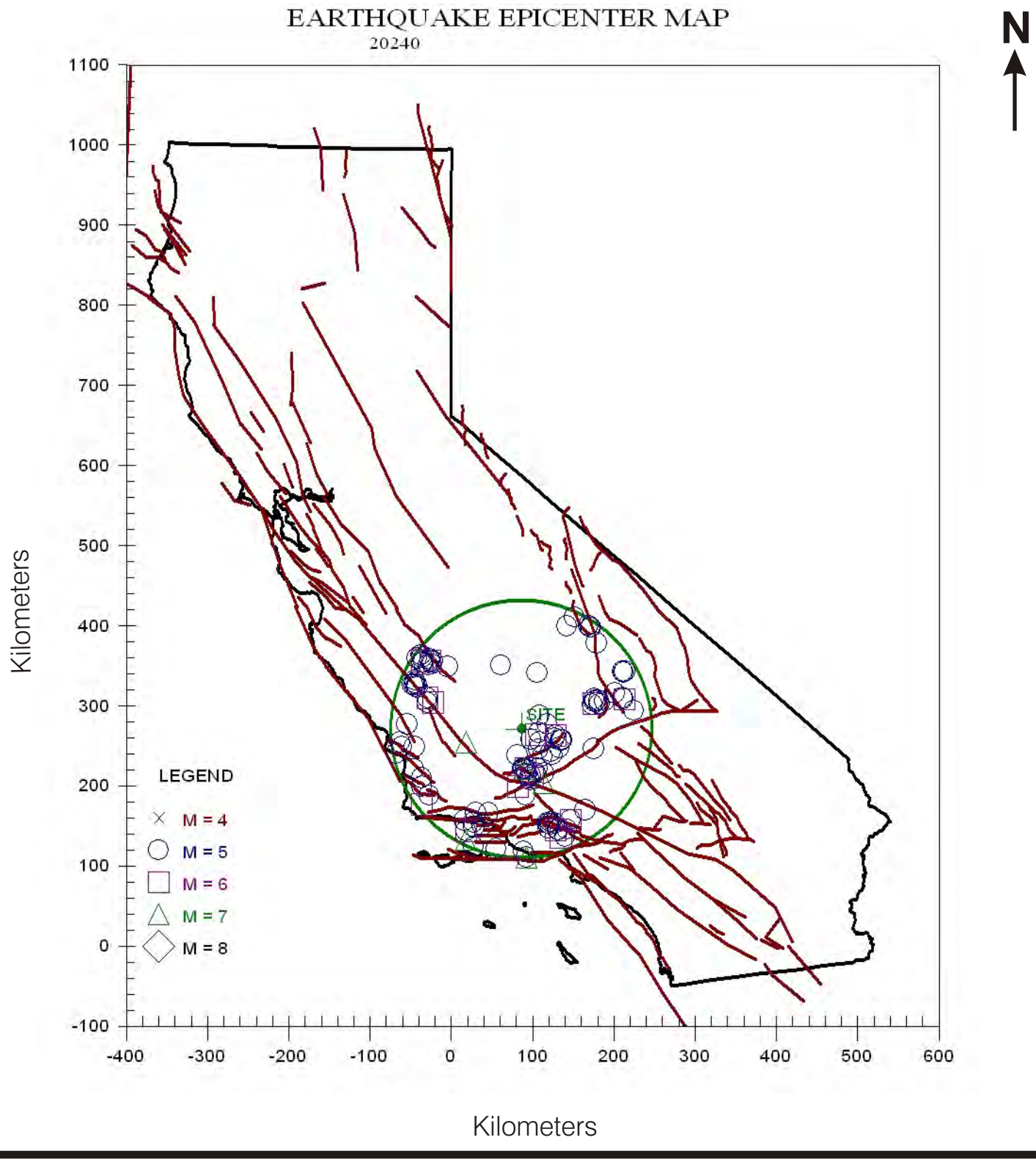
Legend

0 0.125 0.25 miles

Scale

Source: FEMA

SOILS ENGINEERING, INC. 4400 Yeager Way BAKERSFIELD, CA 93313 DATE: 3/25 PROJECT: #20240	**Airport Commerce Center (ACC) CUP** **SW of Petrol Road and Airport Drive** **Bakersfield, Kern County, CA**
FLOOD HAZARD MAP	**Figure 10**



SOILS ENGINEERING, INC. 4400 Yeager Way BAKERSFIELD, CA 93313 DATE: 3/25 PROJECT: #20240	**Airport Commerce Center (ACC) CUP** **SW of Petrol Road and Airport Drive** **Bakersfield, Kern County, CA** Earthquake Epicenter Map	Figure 11

APPENDIX A

SITE PHOTOS & LOCATIONS

4400 YEAGER WAY
Bakersfield, CA 93313-2019
Phone: 661-831-5100
Fax: 661-831-2111
info@soilsengineering.com
www.soilsengineering.com



cáÖìêÉ=JN

0 1/8 1/4 mile

Scale

♂ mÜçíç=@
C=aáêÉÅíáçå



Picture 1. Looking West from the SE Corner of the Site.



Picture 2. Looking NW from the SE Corner of the Site at Some Soil Piles (Silty Sand/Silt)



Picture 3. Looking North from the SE Corner of the Site



Picture 4. Looking South from the NE Corner of the Site



Picture 5. Looking SW from the NE Corner along Drainage Ditch



Picture 6. Looking West from the NE Corner of the Site



Picture 7. Looking South from the NW Corner of the Northern Portion of the site



Picture 8. Looking east from the NW Corner of the Northern Portion of the site



Picture 9. Looking SE from the NW Corner of the N. Portion of the Site



Picture 10. Looking North from near the SE Corner of the neighboring Oil Storage facility



Picture 11. Looking SE along a So. Cal Gas Pipeline and dirt road near center of site.



Picture 12. Looking S-SW from near center fo the site.



Picture 13. Looking West from near the Center of the site



Picture 14. Looking East from the NW Corner of the southern portion of the site



Picture 15. Looking SE from the NW Corner of the S. Portion of the site.



Picture 16. Looking South from the NW Corner of the S. Portion of the Site.



Picture 17. Looking North from the SW corner of the site.



Picture 18. Looking NE from the SW Corner of the Site



Picture 19. Looking East from the SW Corner of the Site



Picture 20. Looking at Petroleum Pipeline marker near SW corner of the site.

APPENDIX B

USDA SOIL PROPERTIES

Engineering Properties, Chemical Soil Properties, Physical Soil Properties & Map Unit Descriptions

4400 YEAGER WAY
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Engineering Properties

This table gives the engineering classifications and the range of engineering properties for the layers of each soil in the survey area.

Hydrologic soil group is a group of soils having similar runoff potential under similar storm and cover conditions. The criteria for determining Hydrologic soil group is found in the National Engineering Handbook, Chapter 7 issued May 2007(http://directives.sc.egov.usda.gov/OpenNonWebContent.aspx?content=17757.wba). Listing HSGs by soil map unit component and not by soil series is a new concept for the engineers. Past engineering references contained lists of HSGs by soil series. Soil series are continually being defined and redefined, and the list of soil series names changes so frequently as to make the task of maintaining a single national list virtually impossible. Therefore, the criteria is now used to calculate the HSG using the component soil properties and no such national series lists will be maintained. All such references are obsolete and their use should be discontinued. Soil properties that influence runoff potential are those that influence the minimum rate of infiltration for a bare soil after prolonged wetting and when not frozen. These properties are depth to a seasonal high water table, saturated hydraulic conductivity after prolonged wetting, and depth to a layer with a very slow water transmission rate. Changes in soil properties caused by land management or climate changes also cause the hydrologic soil group to change. The influence of ground cover is treated independently. There are four hydrologic soil groups, A, B, C, and D, and three dual groups, A/D, B/D, and C/D. In the dual groups, the first letter is for drained areas and the second letter is for undrained areas.

The four hydrologic soil groups are described in the following paragraphs:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

Depth to the upper and lower boundaries of each layer is indicated.

Texture is given in the standard terms used by the U.S. Department of Agriculture. These terms are defined according to percentages of sand, silt, and clay in the fraction of the soil that is less than 2 millimeters in diameter. "Loam," for example, is soil that is 7 to 27 percent clay, 28 to 50 percent silt, and less than 52 percent sand. If the content of particles coarser than sand is 15 percent or more, an appropriate modifier is added, for example, "gravelly."

Classification of the soils is determined according to the Unified soil classification system (ASTM, 2005) and the system adopted by the American Association of State Highway and Transportation Officials (AASHTO, 2004).

The Unified system classifies soils according to properties that affect their use as construction material. Soils are classified according to particle-size distribution of the fraction less than 3 inches in diameter and according to plasticity index, liquid limit, and organic matter content. Sandy and gravelly soils are identified as GW, GP, GM, GC, SW, SP, SM, and SC; silty and clayey soils as ML, CL, OL, MH, CH, and OH; and highly organic soils as PT. Soils exhibiting engineering properties of two groups can have a dual classification, for example, CL-ML.

The AASHTO system classifies soils according to those properties that affect roadway construction and maintenance. In this system, the fraction of a mineral soil that is less than 3 inches in diameter is classified in one of seven groups from A-1 through A-7 on the basis of particle-size distribution, liquid limit, and plasticity index. Soils in group A-1 are coarse grained and low in content of fines (silt and clay). At the other extreme, soils in group A-7 are fine grained. Highly organic soils are classified in group A-8 on the basis of visual inspection.

If laboratory data are available, the A-1, A-2, and A-7 groups are further classified as A-1-a, A-1-b, A-2-4, A-2-5, A-2-6, A-2-7, A-7-5, or A-7-6. As an additional refinement, the suitability of a soil as subgrade material can be indicated by a group index number. Group index numbers range from 0 for the best subgrade material to 20 or higher for the poorest.

Percentage of rock fragments larger than 10 inches in diameter and 3 to 10 inches in diameter are indicated as a percentage of the total soil on a dry-weight basis. The percentages are estimates determined mainly by converting volume percentage in the field to weight percentage. Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

Percentage (of soil particles) passing designated sieves is the percentage of the soil fraction less than 3 inches in diameter based on an ovendry weight. The sieves, numbers 4, 10, 40, and 200 (USA Standard Series), have openings of 4.76, 2.00, 0.420, and 0.074 millimeters, respectively. Estimates are based on laboratory tests of soils sampled in the survey area and in nearby areas and on estimates made in the field. Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

Liquid limit and *plasticity index* (Atterberg limits) indicate the plasticity characteristics of a soil. The estimates are based on test data from the survey area or from nearby areas and on field examination. Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

References:

American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.

American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.

Report—Engineering Properties

Absence of an entry indicates that the data were not estimated. The asterisk '*' denotes the representative texture; other possible textures follow the dash. The criteria for determining the hydrologic soil group for individual soil components is found in the National Engineering Handbook, Chapter 7 issued May 2007(http://directives.sc.egov.usda.gov/OpenNonWebContent.aspx?content=17757.wba). Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

Engineering Properties–Kern County, Northeastern Part, and Southeastern Part of Tulare County, California														
Map unit symbol and soil name	Pct. of map unit	Hydrologic group	Depth	USDA texture	Classification		Pct Fragments		Percentage passing sieve number—				Liquid limit	Plasticity index
					Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
			In				*L-R-H*	*L-R-H*	*L-R-H*	*L-R-H*	*L-R-H*	*L-R-H*	*L-R-H*	*L-R-H*
146—Delano sandy loam, 1 to 5 percent slopes														
Delano	80	C	0-18	Sandy loam	SC, SC-SM	A-2-4, A-4, A-6	0- 0- 0	0- 0- 0	100-100-100	95-97-100	69-75-82	33-39-45	21-27-33	6-9 -13
			18-37	Clay loam, sandy clay loam, loam	CL, SC	A-7-6, A-6	0- 0- 0	0- 0- 0	100-100-100	95-96-100	75-84-94	41-49-59	31-38-46	13-19-24
			37-60	Sandy loam, loam	SC, SC-SM	A-2-4, A-6	0- 0- 0	0- 0- 0	100-100-100	95-97-100	65-74-85	29-38-47	20-28-36	5-11-17

Data Source Information

Soil Survey Area: Kern County, Northeastern Part, and Southeastern Part of Tulare County, California
Survey Area Data: Version 19, Sep 10, 2024

Chemical Soil Properties

This table shows estimates of some chemical characteristics and features that affect soil behavior. These estimates are given for the layers of each soil in the survey area. The estimates are based on field observations and on test data for these and similar soils.

Depth to the upper and lower boundaries of each layer is indicated.

Cation-exchange capacity is the total amount of extractable cations that can be held by the soil, expressed in terms of milliequivalents per 100 grams of soil at neutrality (pH 7.0) or at some other stated pH value. Soils having a low cation-exchange capacity hold fewer cations and may require more frequent applications of fertilizer than soils having a high cation-exchange capacity. The ability to retain cations reduces the hazard of ground-water pollution.

Effective cation-exchange capacity refers to the sum of extractable cations plus aluminum expressed in terms of milliequivalents per 100 grams of soil. It is determined for soils that have pH of less than 5.5.

Soil reaction is a measure of acidity or alkalinity. It is important in selecting crops and other plants, in evaluating soil amendments for fertility and stabilization, and in determining the risk of corrosion.

Calcium carbonate equivalent is the percent of carbonates, by weight, in the fraction of the soil less than 2 millimeters in size. The availability of plant nutrients is influenced by the amount of carbonates in the soil.

Gypsum is expressed as a percent, by weight, of hydrated calcium sulfates in the fraction of the soil less than 20 millimeters in size. Gypsum is partially soluble in water. Soils that have a high content of gypsum may collapse if the gypsum is removed by percolating water.

Salinity is a measure of soluble salts in the soil at saturation. It is expressed as the electrical conductivity of the saturation extract, in millimhos per centimeter at 25 degrees C. Estimates are based on field and laboratory measurements at representative sites of nonirrigated soils. The salinity of irrigated soils is affected by the quality of the irrigation water and by the frequency of water application. Hence, the salinity of soils in individual fields can differ greatly from the value given in the table. Salinity affects the suitability of a soil for crop production, the stability of soil if used as construction material, and the potential of the soil to corrode metal and concrete.

Sodium adsorption ratio (SAR) is a measure of the amount of sodium (Na) relative to calcium (Ca) and magnesium (Mg) in the water extract from saturated soil paste. It is the ratio of the Na concentration divided by the square root of one-half of the Ca + Mg concentration. Soils that have SAR values of 13 or more may be characterized by an increased dispersion of organic matter and clay particles, reduced saturated hydraulic conductivity and aeration, and a general degradation of soil structure.

Report—Chemical Soil Properties

Chemical Soil Properties–Kern County, Northeastern Part, and Southeastern Part of Tulare County, California								
Map symbol and soil name	**Depth**	**Cation-exchange capacity**	**Effective cation-exchange capacity**	**Soil reaction**	**Calcium carbonate**	**Gypsum**	**Salinity**	**Sodium adsorption ratio**
	In	*meq/100g*	*meq/100g*	*pH*	*Pct*	*Pct*	*mmhos/cm*	
146—Delano sandy loam, 1 to 5 percent slopes								
Delano	0-18	8.6-17	—	7.4-8.4	0	0	0.0-2.0	0-1
	18-37	15-25	—	7.9-8.4	0-3	0	0.0-2.0	0-4
	37-60	6.9-19	—	7.9-8.4	1-10	0	0.0-2.0	0-4

Data Source Information

Soil Survey Area: Kern County, Northeastern Part, and Southeastern Part of Tulare County, California
Survey Area Data: Version 19, Sep 10, 2024

Physical Soil Properties

This table shows estimates of some physical characteristics and features that affect soil behavior. These estimates are given for the layers of each soil in the survey area. The estimates are based on field observations and on test data for these and similar soils.

Depth to the upper and lower boundaries of each layer is indicated.

Particle size is the effective diameter of a soil particle as measured by sedimentation, sieving, or micrometric methods. Particle sizes are expressed as classes with specific effective diameter class limits. The broad classes are sand, silt, and clay, ranging from the larger to the smaller.

Sand as a soil separate consists of mineral soil particles that are 0.05 millimeter to 2 millimeters in diameter. In this table, the estimated sand content of each soil layer is given as a percentage, by weight, of the soil material that is less than 2 millimeters in diameter.

Silt as a soil separate consists of mineral soil particles that are 0.002 to 0.05 millimeter in diameter. In this table, the estimated silt content of each soil layer is given as a percentage, by weight, of the soil material that is less than 2 millimeters in diameter.

Clay as a soil separate consists of mineral soil particles that are less than 0.002 millimeter in diameter. In this table, the estimated clay content of each soil layer is given as a percentage, by weight, of the soil material that is less than 2 millimeters in diameter.

The content of sand, silt, and clay affects the physical behavior of a soil. Particle size is important for engineering and agronomic interpretations, for determination of soil hydrologic qualities, and for soil classification.

The amount and kind of clay affect the fertility and physical condition of the soil and the ability of the soil to adsorb cations and to retain moisture. They influence shrink-swell potential, saturated hydraulic conductivity (Ksat), plasticity, the ease of soil dispersion, and other soil properties. The amount and kind of clay in a soil also affect tillage and earthmoving operations.

Moist bulk density is the weight of soil (ovendry) per unit volume. Volume is measured when the soil is at field moisture capacity, that is, the moisture content at 1/3- or 1/10-bar (33kPa or 10kPa) moisture tension. Weight is determined after the soil is dried at 105 degrees C. In the table, the estimated moist bulk density of each soil horizon is expressed in grams per cubic centimeter of soil material that is less than 2 millimeters in diameter. Bulk density data are used to compute linear extensibility, shrink-swell potential, available water capacity, total pore space, and other soil properties. The moist bulk density of a soil indicates the pore space available for water and roots. Depending on soil texture, a bulk density of more than 1.4 can restrict water storage and root penetration. Moist bulk density is influenced by texture, kind of clay, content of organic matter, and soil structure.

Saturated hydraulic conductivity (Ksat) refers to the ease with which pores in a saturated soil transmit water. The estimates in the table are expressed in terms of micrometers per second. They are based on soil characteristics observed in the field, particularly structure, porosity, and texture. Saturated hydraulic conductivity (Ksat) is considered in the design of soil drainage systems and septic tank absorption fields.

Available water capacity refers to the quantity of water that the soil is capable of storing for use by plants. The capacity for water storage is given in inches of water per inch of soil for each soil layer. The capacity varies, depending on soil properties that affect retention of water. The most important properties are the content of organic matter, soil texture, bulk density, and soil structure. Available water capacity is an important factor in the choice of plants or crops to be grown and in the design and management of irrigation systems. Available water capacity is not an estimate of the quantity of water actually available to plants at any given time.

Linear extensibility refers to the change in length of an unconfined clod as moisture content is decreased from a moist to a dry state. It is an expression of the volume change between the water content of the clod at 1/3- or 1/10-bar tension (33kPa or 10kPa tension) and oven dryness. The volume change is reported in the table as percent change for the whole soil. The amount and type of clay minerals in the soil influence volume change.

Linear extensibility is used to determine the shrink-swell potential of soils. The shrink-swell potential is low if the soil has a linear extensibility of less than 3 percent; moderate if 3 to 6 percent; high if 6 to 9 percent; and very high if more than 9 percent. If the linear extensibility is more than 3, shrinking and swelling can cause damage to buildings, roads, and other structures and to plant roots. Special design commonly is needed.

Organic matter is the plant and animal residue in the soil at various stages of decomposition. In this table, the estimated content of organic matter is expressed as a percentage, by weight, of the soil material that is less than 2 millimeters in diameter. The content of organic matter in a soil can be maintained by returning crop residue to the soil.

Organic matter has a positive effect on available water capacity, water infiltration, soil organism activity, and tilth. It is a source of nitrogen and other nutrients for crops and soil organisms.

Erosion factors are shown in the table as the K factor (Kw and Kf) and the T factor. Erosion factor K indicates the susceptibility of a soil to sheet and rill erosion by water. Factor K is one of six factors used in the Universal Soil Loss Equation (USLE) and the Revised Universal Soil Loss Equation (RUSLE) to predict the average annual rate of soil loss by sheet and rill erosion in tons per acre per year. The estimates are based primarily on percentage of silt, sand, and organic matter and on soil structure and Ksat. Values of K range from 0.02 to 0.69. Other factors being equal, the higher the value, the more susceptible the soil is to sheet and rill erosion by water.

Erosion factor Kw indicates the erodibility of the whole soil. The estimates are modified by the presence of rock fragments.

Erosion factor Kf indicates the erodibility of the fine-earth fraction, or the material less than 2 millimeters in size.

Erosion factor T is an estimate of the maximum average annual rate of soil erosion by wind and/or water that can occur without affecting crop productivity over a sustained period. The rate is in tons per acre per year.

Wind erodibility groups are made up of soils that have similar properties affecting their susceptibility to wind erosion in cultivated areas. The soils assigned to group 1 are the most susceptible to wind erosion, and those assigned to group 8 are the least susceptible. The groups are described in the "National Soil Survey Handbook."

Wind erodibility index is a numerical value indicating the susceptibility of soil to wind erosion, or the tons per acre per year that can be expected to be lost to wind erosion. There is a close correlation between wind erosion and the texture of the surface layer, the size and durability of surface clods, rock fragments, organic matter, and a calcareous reaction. Soil moisture and frozen soil layers also influence wind erosion.

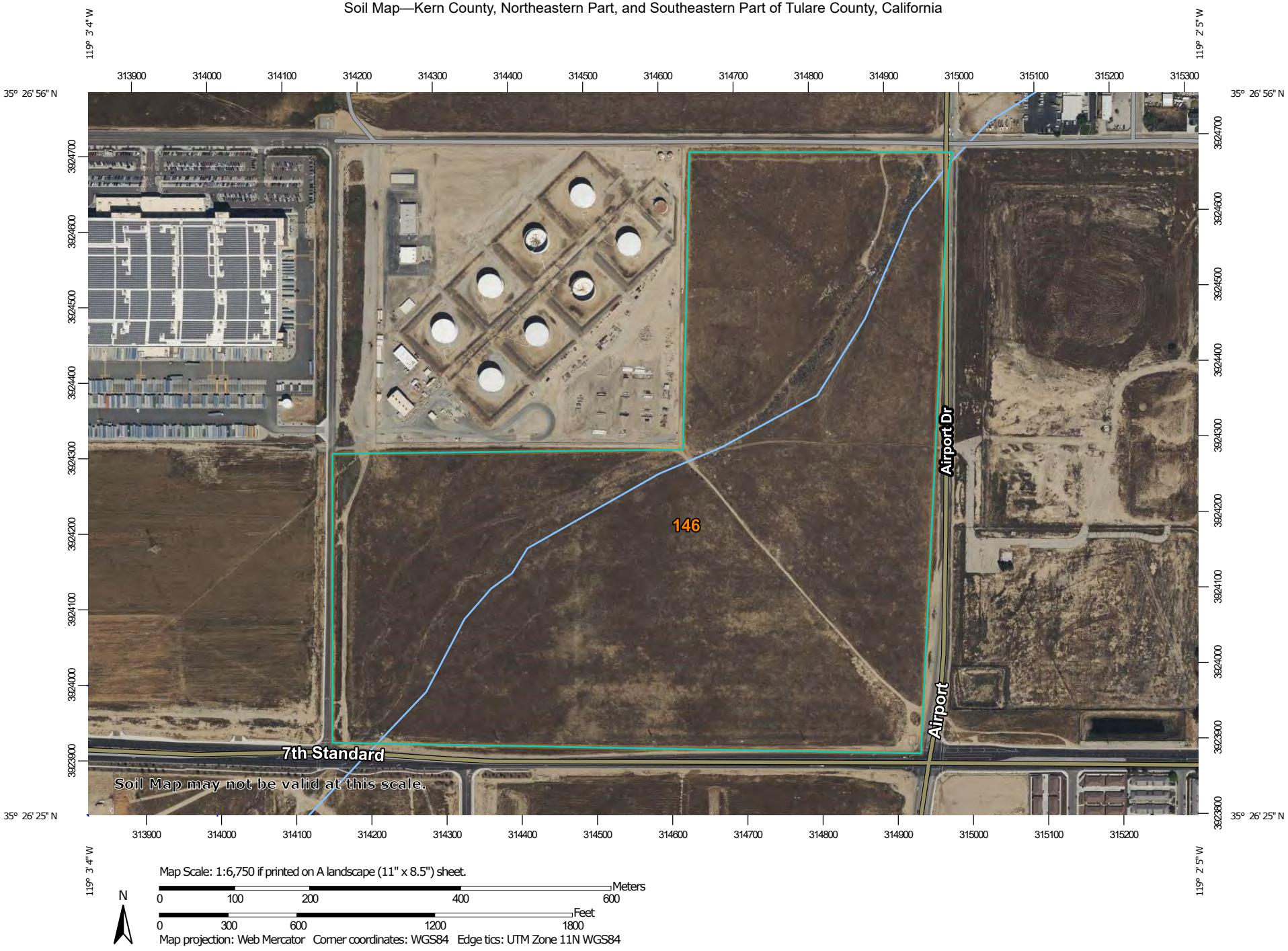
Reference:
United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. (http://soils.usda.gov)

Report—Physical Soil Properties

Physical Soil Properties–Kern County, Northeastern Part, and Southeastern Part of Tulare County, California														
Map symbol and soil name	**Depth**	**Sand**	**Silt**	**Clay**	**Moist bulk density**	**Saturated hydraulic conductivity**	**Available water capacity**	**Linear extensibility**	**Organic matter**	**Erosion factors**			**Wind erodibility group**	**Wind erodibility index**
										Kw	**Kf**	**T**		
	In	*Pct*	*Pct*	*Pct*	*g/cc*	*micro m/sec*	*In/In*	*Pct*	*Pct*					
146—Delano sandy loam, 1 to 5 percent slopes														
Delano	0-18	-66-	-19-	10-15- 20	1.50-1.60	14.11-42.34	0.09-0.12	0.0-2.9	0.5-1.0	.28	.28	5	3	86
	18-37	-55-	-17-	20-28- 35	1.40-1.55	1.41-4.23	0.14-0.18	3.0-5.9	0.1-0.5	.24	.24			
	37-60	-67-	-15-	10-19- 27	1.45-1.60	4.23-14.11	0.09-0.16	0.0-2.9	0.0-0.3	.20	.20			

Data Source Information

Soil Survey Area: Kern County, Northeastern Part, and Southeastern Part of Tulare County, California
Survey Area Data: Version 19, Sep 10, 2024



Map Scale: 1:6,750 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 100 200 400 600

Feet: 0 300 600 1200 1800

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 11N WGS84

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: Kern County, Northeastern Part, and Southeastern Part of Tulare County, California
Survey Area Data: Version 19, Sep 10, 2024

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

Date(s) aerial images were photographed: Mar 12, 2022—Mar 22, 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
146	Delano sandy loam, 1 to 5 percent slopes	110.7	100.0%
Totals for Area of Interest		**110.7**	**100.0%**

APPENDIX C

Seismic Design Information - Preliminary
Deterministic Site Parameters - EQFAULTWIN data, EQSEARCHWIN data, USGS Seismic Design Reports SEAOC/OSHPD and USGS Uniform Hazard Tool Results

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*                    *
*    E Q F A U L T   *
*                    *
*    Version 3.00    *
*                    *
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DETERMINISTIC ESTIMATION OF
PEAK ACCELERATION FROM DIGITIZED FAULTS

JOB NUMBER: 20240

DATE: 03-12-2025

JOB NAME: 20240 ACC

CALCULATION NAME: Test Run Analysis

FAULT-DATA-FILE NAME: CGSFLTE.DAT

SITE COORDINATES:
SITE LATITUDE: 35.4440
SITE LONGITUDE: 119.0422

SEARCH RADIUS: 100 mi

ATTENUATION RELATION: 3) Boore et al. (1997) Horiz. - NEHRP D (250)
UNCERTAINTY (M=Median, S=Sigma): M Number of Sigmas: 0.0
DISTANCE MEASURE: cd_2drp
SCOND: 0
Basement Depth: 5.00 km Campbell SSR: Campbell SHR:
COMPUTE PEAK HORIZONTAL ACCELERATION

FAULT-DATA FILE USED: CGSFLTE.DAT

MINIMUM DEPTH VALUE (km): 0.0

EQFAULT SUMMARY

DETERMINISTIC SITE PARAMETERS

ABBREVIATED FAULT NAME	APPROXIMATE DISTANCE mi (km)	ESTIMATED MAX. EARTHQUAKE EVENT MAXIMUM EARTHQUAKE MAG.(Mw)	PEAK SITE ACCEL. g	EST. SITE INTENSITY MOD.MERC.
Kern Front	0.0(0.0)	6.3	0.518	X
WHITE WOLF	21.7(35.0)	7.3	0.208	VIII
PLEITO THRUST	30.1(48.5)	7.0	0.138	VIII
SAN ANDREAS - 1857 Rupture M-2a	39.6(63.8)	7.8	0.141	VIII
SAN ANDREAS - Whole M-1a	39.6(63.8)	8.0	0.156	VIII
SAN ANDREAS - Carrizo M-1c-2	39.6(63.8)	7.4	0.114	VII
SAN ANDREAS - Cho-Moj M-1b-1	39.6(63.8)	7.8	0.141	VIII
GARLOCK (West)	41.3(66.4)	7.3	0.105	VII
BIG PINE	43.1(69.3)	6.9	0.082	VII
SAN ANDREAS - Cholame M-1c-1	47.2(76.0)	7.3	0.094	VII
SAN GABRIEL	51.3(82.6)	7.2	0.084	VII
SAN JUAN	55.6(89.5)	7.1	0.075	VII
GARLOCK (East)	58.3(93.9)	7.5	0.089	VII
SAN ANDREAS - Mojave M-1c-3	59.6(95.9)	7.4	0.083	VII
So. SIERRA NEVADA	59.7(96.0)	7.3	0.096	VII
SANTA YNEZ (East)	59.7(96.1)	7.1	0.071	VI
GREAT VALLEY 14	63.9(102.9)	6.4	0.056	VI
M.RIDGE-ARROYO PARIDA-SANTA ANA	64.1(103.2)	7.2	0.086	VII
SAN CAYETANO	64.4(103.6)	7.0	0.077	VII
NORTH CHANNEL SLOPE	68.3(109.9)	7.4	0.091	VII
SANTA SUSANA	71.3(114.8)	6.7	0.061	VI
RED MOUNTAIN	71.3(114.8)	7.0	0.071	VI
HOLSER	71.3(114.8)	6.5	0.055	VI
SANTA YNEZ (West)	72.1(116.0)	7.1	0.061	VI
LITTLE LAKE	72.9(117.3)	6.9	0.055	VI
SAN LUIS RANGE (S. Margin)	73.4(118.2)	7.2	0.077	VII
OAK RIDGE (Onshore)	73.6(118.5)	7.0	0.069	VI
LENWOOD-LOCKHART-OLD WOMAN SPRGS	73.8(118.7)	7.5	0.074	VII
SAN ANDREAS - Parkfield	73.9(119.0)	6.5	0.044	VI
NORTHRIDGE (E. Oak Ridge)	74.3(119.5)	7.0	0.069	VI
VENTURA - PITAS POINT	74.6(120.0)	6.9	0.065	VI
SIMI-SANTA ROSA	76.3(122.8)	7.0	0.068	VI
SIERRA MADRE (San Fernando)	77.5(124.7)	6.7	0.057	VI
OAK RIDGE MID-CHANNEL STRUCTURE	78.0(125.6)	6.6	0.054	VI
GREAT VALLEY 13	78.7(126.7)	6.5	0.051	VI
OWENS VALLEY	78.8(126.8)	7.6	0.074	VII
LOS ALAMOS-W. BASELINE	80.4(129.4)	6.9	0.062	VI
CHANNEL IS. THRUST (Eastern)	82.1(132.1)	7.5	0.083	VII
LOS OSOS	82.7(133.1)	7.0	0.063	VI
RINCONADA	83.1(133.8)	7.5	0.068	VI

DETERMINISTIC SITE PARAMETERS

ABBREVIATED FAULT NAME	APPROXIMATE DISTANCE mi (km)	ESTIMATED MAX. EARTHQUAKE EVENT: MAXIMUM EARTHQUAKE MAG.(Mw)	ESTIMATED MAX. EARTHQUAKE EVENT: PEAK SITE ACCEL. g	ESTIMATED MAX. EARTHQUAKE EVENT: EST. SITE INTENSITY MOD.MERC.
LIONS HEAD	83.4(134.3)	6.6	0.051	VI
VERDUGO	84.9(136.7)	6.9	0.059	VI
CASMALIA (Orcutt Frontal Fault)	86.2(138.8)	6.5	0.047	VI
SIERRA MADRE	88.1(141.8)	7.2	0.067	VI
ANACAPA-DUME	88.5(142.5)	7.5	0.078	VII
OAK RIDGE(Blind Thrust Offshore)	88.6(142.6)	7.1	0.063	VI
GRAVEL HILLS - HARPER LAKE	90.3(145.4)	7.1	0.051	VI
INDEPENDENCE	90.5(145.7)	7.1	0.062	VI
HELENDALE - S. LOCKHARDT	90.7(145.9)	7.3	0.057	VI
BLACKWATER	91.7(147.6)	7.1	0.051	VI
SAN ANDREAS (Creeping)	93.8(150.9)	6.2	0.031	V
MALIBU COAST	94.3(151.7)	6.7	0.049	VI
GREAT VALLEY 12	96.1(154.7)	6.3	0.039	V
CLAMSHELL-SAWPIT	97.3(156.6)	6.5	0.043	VI
HOLLYWOOD	97.3(156.6)	6.4	0.041	V
TANK CANYON	98.4(158.3)	6.4	0.040	V
SANTA MONICA	98.6(158.7)	6.6	0.045	VI
UPPER ELYSIAN PARK BLIND THRUST	99.1(159.5)	6.4	0.040	V

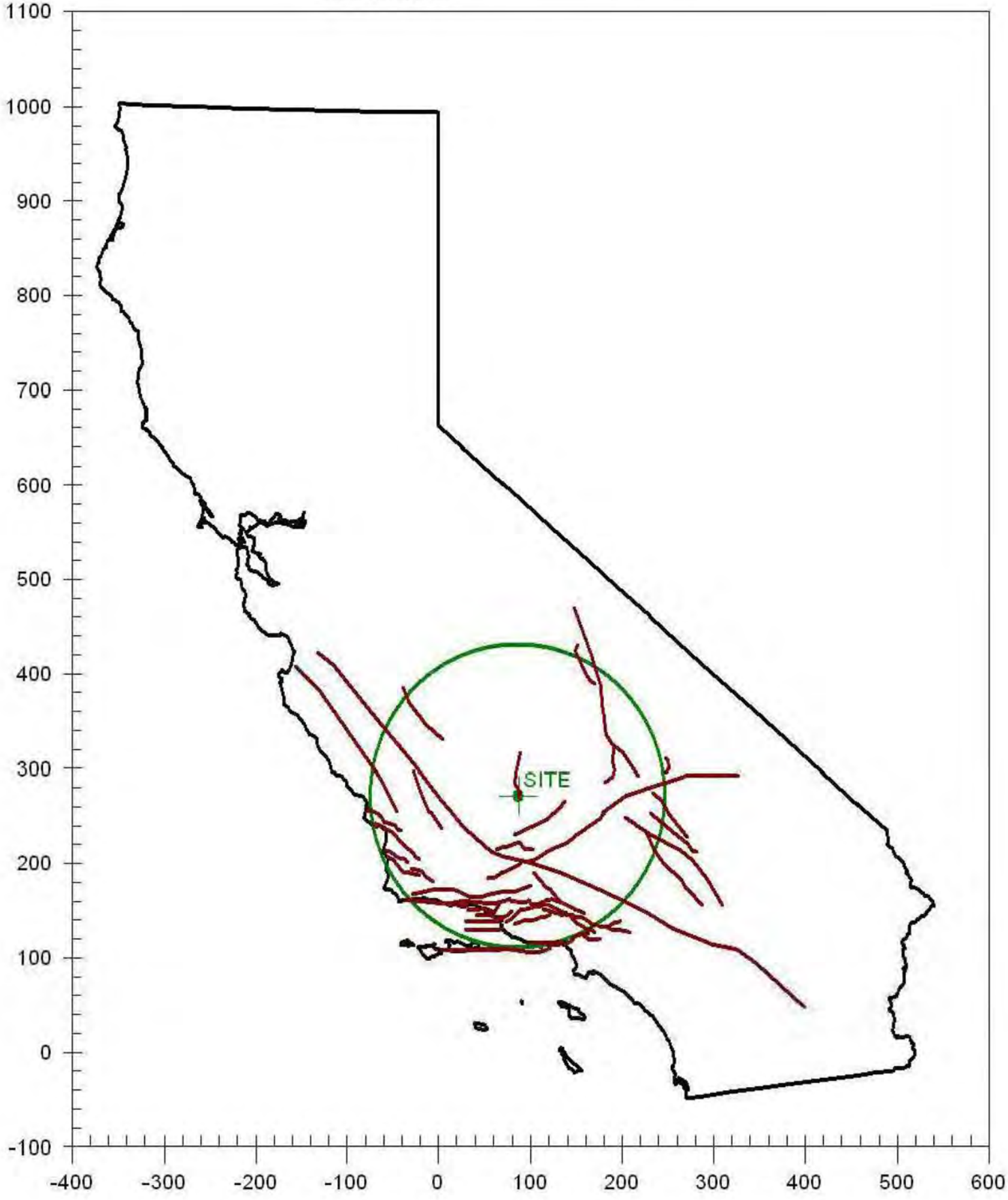
-END OF SEARCH- 58 FAULTS FOUND WITHIN THE SPECIFIED SEARCH RADIUS.

THE Kern Front FAULT IS CLOSEST TO THE SITE.
IT IS ABOUT 0.0 MILES (0.0 km) AWAY.

LARGEST MAXIMUM-EARTHQUAKE SITE ACCELERATION: 0.5185 g

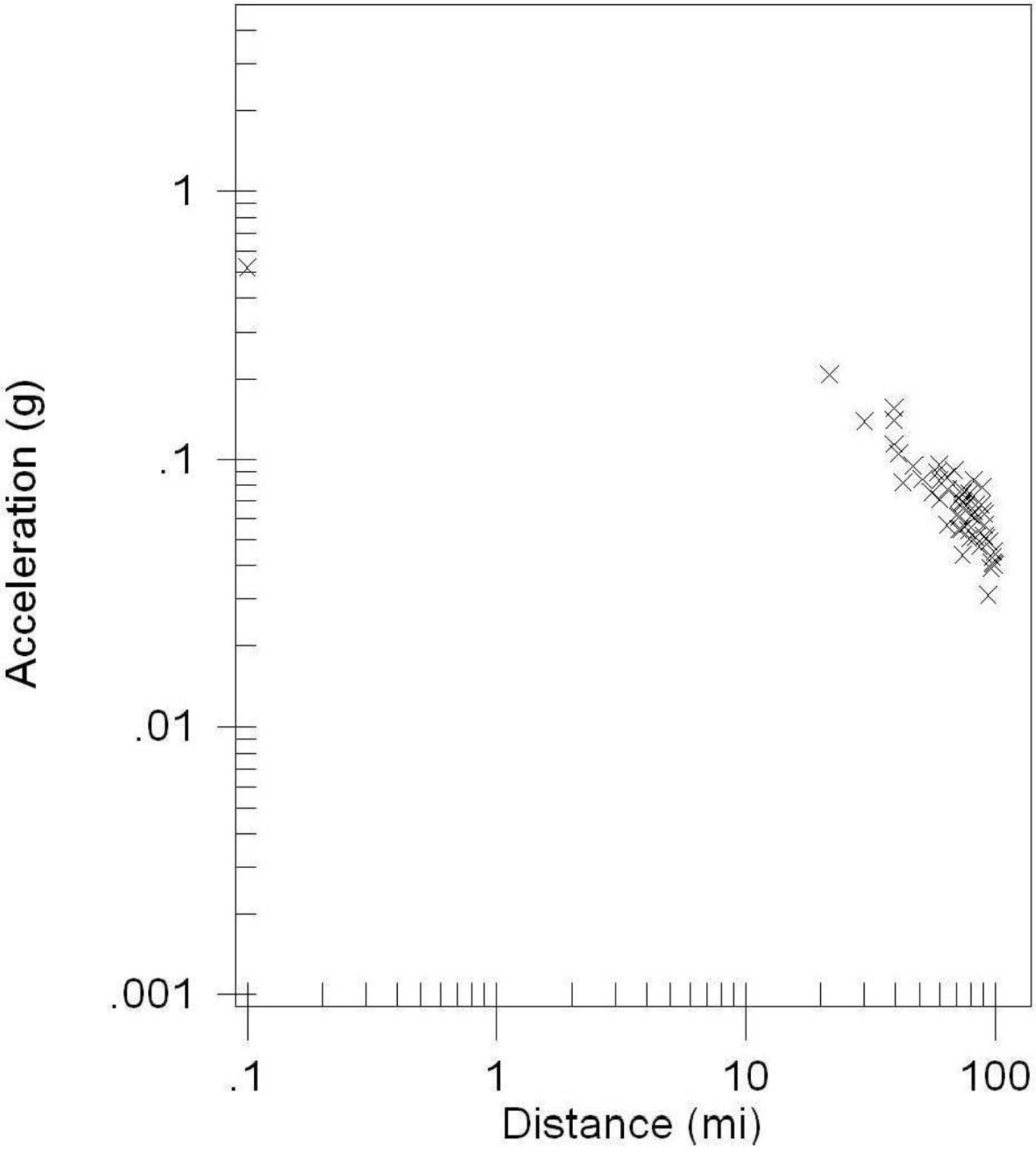
CALIFORNIA FAULT MAP

20240 ACC



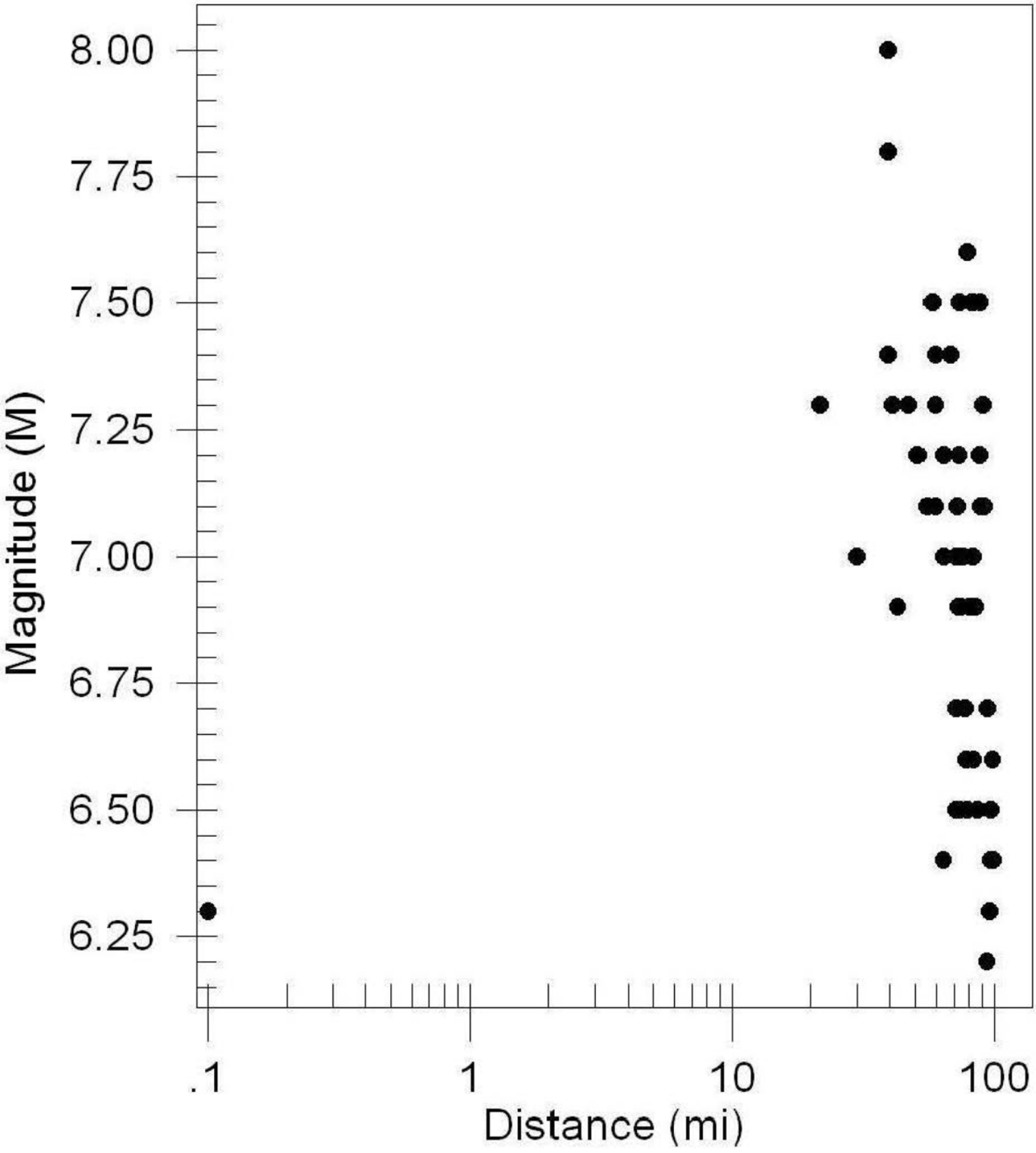
MAXIMUM EARTHQUAKES

20240 ACC



EARTHQUAKE MAGNITUDES & DISTANCES

20240 ACC



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*                       *
*    E Q S E A R C H    *
*                       *
*     Version 3.00      *
*                       *
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      ESTIMATION OF
   PEAK ACCELERATION FROM
CALIFORNIA EARTHQUAKE CATALOGS


JOB NUMBER: 20240
                                                DATE: 03-12-2025

JOB NAME: 20240 ACC

EARTHQUAKE-CATALOG-FILE NAME: ALLQUAKE.DAT

SITE COORDINATES:
   SITE LATITUDE:  35.4440
   SITE LONGITUDE:  119.0422

SEARCH DATES:
           START DATE:   1800
           END DATE:   2010

SEARCH RADIUS:
           100.0 mi
           160.9 km

ATTENUATION RELATION:   3) Boore et al. (1997) Horiz. - NEHRP D (250)
   UNCERTAINTY (M=Median, S=Sigma): M       Number of Sigmas:  0.0
   ASSUMED SOURCE TYPE:  DS [SS=Strike-slip, DS=Reverse-slip, BT=Blind-
thrust]
   SCOND:   0  Depth Source:  A
   Basement Depth:  5.00 km     Campbell SSR:        Campbell SHR:
   COMPUTE PEAK HORIZONTAL ACCELERATION

MINIMUM DEPTH VALUE (km):  0.0
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EARTHQUAKE SEARCH RESULTS

Page 1

FILE CODE	LAT. NORTH	LONG. WEST	DATE	TIME (UTC) H M Sec	DEPTH (km)	QUAKE MAG.	SITE ACC. g	SITE MM INT.	APPROX. DISTANCE mi [km]
DMG	35.3330	118.9170	08/22/1952	224124.0	0.0	5.80	0.162	VIII	10.4(16.7)
DMG	35.3830	118.8500	07/29/1952	7 347.0	0.0	6.10	0.176	VIII	11.6(18.7)
DMG	35.4000	118.8170	07/29/1952	8 146.0	0.0	5.10	0.096	VII	13.0(21.0)
DMG	35.3000	118.8000	12/23/1905	2223 0.0	0.0	5.00	0.075	VII	16.9(27.1)
DMG	35.6000	118.8000	06/30/1926	1331 0.0	0.0	5.00	0.073	VII	17.4(27.9)
DMG	35.5000	118.7000	01/06/1905	1430 0.0	0.0	5.00	0.067	VI	19.6(31.6)
DMG	35.2170	118.8170	07/23/1952	1317 5.0	0.0	5.70	0.095	VII	20.2(32.4)
GSP	35.1490	119.1040	05/28/1993	044740.6	21.0	5.20	0.072	VI	20.7(33.2)
DMG	35.3330	118.6000	07/31/1952	12 9 9.0	0.0	5.80	0.082	VII	26.0(41.9)
DMG	35.3670	118.5830	07/23/1952	31923.0	0.0	5.00	0.053	VI	26.4(42.5)
DMG	35.3670	118.5830	07/23/1952	03832.0	0.0	6.10	0.095	VII	26.4(42.5)
DMG	35.1330	118.7670	07/21/1952	194122.0	0.0	5.50	0.069	VI	26.5(42.6)
DMG	35.1830	118.6500	07/21/1952	151358.0	0.0	5.10	0.053	VI	28.5(45.9)
DMG	35.0000	119.0330	07/21/1952	12 2 0.0	0.0	5.60	0.065	VI	30.7(49.3)
DMG	35.0000	119.0170	01/12/1954	233349.0	0.0	5.90	0.077	VII	30.7(49.4)
DMG	35.0000	119.0170	07/21/1952	115214.0	0.0	7.70	0.198	VIII	30.7(49.4)
DMG	35.1500	118.6330	01/27/1954	141948.0	0.0	5.00	0.048	VI	30.7(49.4)
DMG	35.0000	119.0000	07/21/1952	12 531.0	0.0	6.40	0.099	VII	30.7(49.5)
DMG	35.0000	119.0000	02/16/1919	1557 0.0	0.0	5.00	0.048	VI	30.7(49.5)
DMG	35.3150	118.5160	07/25/1952	194323.7	11.2	5.70	0.068	VI	30.9(49.8)
DMG	35.3110	118.4990	07/25/1952	1313 8.2	2.8	5.00	0.046	VI	31.9(51.4)
DMG	34.9830	118.9830	05/23/1954	235243.0	0.0	5.10	0.049	VI	32.0(51.5)
DMG	35.3170	118.4940	07/25/1952	19 944.6	5.5	5.70	0.067	VI	32.1(51.6)
DMG	35.2330	118.5330	07/21/1952	174244.0	0.0	5.10	0.048	VI	32.2(51.8)
DMG	35.0000	118.8330	07/23/1952	75319.0	0.0	5.40	0.056	VI	32.8(52.9)
DMG	35.0000	118.8330	07/23/1952	181351.0	0.0	5.20	0.050	VI	32.8(52.9)
DMG	34.9410	118.9870	11/15/1961	53855.5	10.7	5.00	0.043	VI	34.9(56.1)
DMG	34.9500	118.8670	07/21/1952	121936.0	0.0	5.30	0.050	VI	35.5(57.1)
DMG	34.9320	118.9760	03/01/1963	02557.9	13.9	5.00	0.043	VI	35.5(57.2)
T-A	34.9200	118.9200	01/20/1857	0 0 0.0	0.0	5.00	0.041	V	36.8(59.3)
T-A	34.9200	118.9200	05/23/1857	0 0 0.0	0.0	5.00	0.041	V	36.8(59.3)
DMG	34.9000	118.9500	08/01/1952	13 430.0	0.0	5.10	0.043	VI	37.9(61.0)
DMG	34.9000	118.9000	10/23/1916	244 0.0	0.0	6.00	0.068	VI	38.4(61.8)
PAS	34.9430	118.7430	06/10/1988	23 643.0	6.8	5.40	0.049	VI	38.5(61.9)
DMG	34.8670	118.9330	09/21/1941	1953 7.2	0.0	5.20	0.043	VI	40.3(64.9)
DMG	35.3000	119.8000	01/09/1857	16 0 0.0	0.0	7.90	0.167	VIII	43.8(70.5)
DMG	34.8000	119.1000	09/05/1883	1230 0.0	0.0	6.00	0.060	VI	44.6(71.7)
T-A	34.8300	118.7500	11/27/1852	0 0 0.0	0.0	7.00	0.101	VII	45.5(73.2)
DMG	36.0800	118.8200	05/29/1915	646 0.0	0.0	5.00	0.035	V	45.6(73.4)
DMG	34.7000	119.0000	10/23/1916	254 0.0	0.0	5.50	0.042	VI	51.4(82.7)
T-A	36.1700	119.3200	07/25/1868	230 0.0	0.0	5.00	0.031	V	52.5(84.5)
GSP	35.2100	118.0660	07/11/1992	181416.2	10.0	5.70	0.042	VI	57.3(92.2)
DMG	35.7150	118.0740	03/15/1946	14 035.4	0.0	5.30	0.034	V	57.5(92.5)
DMG	35.7250	118.0550	03/15/1946	134935.9	22.0	6.30	0.057	VI	58.7(94.5)
DMG	35.7450	118.0390	03/16/1946	94617.9	0.0	5.10	0.030	V	60.0(96.6)
DMG	35.7780	118.0490	01/28/1961	81246.2	5.5	5.30	0.033	V	60.3(97.1)
DMG	35.7510	118.0290	03/15/1946	215433.4	0.0	5.20	0.031	V	60.7(97.7)
DMG	35.7140	117.9770	03/15/1946	191853.6	0.0	5.40	0.034	V	62.7(100.8)
DMG	35.7530	117.9860	03/15/1946	1321 0.9	0.0	5.20	0.030	V	63.0(101.4)
DMG	35.7470	117.9080	03/18/1946	155042.6	4.4	5.30	0.030	V	67.0(107.9)
DMG	34.5000	119.5000	08/05/1930	1125 0.0	0.0	5.00	0.025	V	70.1(112.9)
DMG	34.5000	119.5000	06/29/1926	2321 0.0	0.0	5.50	0.033	V	70.1(112.9)
DMG	35.7500	120.2500	03/10/1922	112120.0	0.0	6.50	0.055	VI	71.0(114.3

EARTHQUAKE SEARCH RESULTS

FILE CODE	LAT. NORTH	LONG. WEST	DATE	TIME (UTC) H M Sec	DEPTH (km)	QUAKE MAG.	SITE ACC. g	SITE MM INT.	APPROX. DISTANCE mi [km]
T-A	34.5000	119.6700	06/01/1893	12 0 0.0	0.0	5.00	0.024	V	74.2(119.4)
PAS	36.1510	120.0490	08/04/1985	12 156.0	6.0	5.80	0.037	V	74.6(120.0)
DMG	35.7500	120.3300	08/18/1922	512 0.0	0.0	5.00	0.024	IV	75.3(121.2)
GSP	34.3940	118.6690	06/26/1995	084028.9	13.0	5.00	0.024	IV	75.5(121.5)
GSB	34.3790	118.7110	01/19/1994	210928.6	14.0	5.50	0.031	V	75.9(122.1)
GSP	34.3770	118.6980	01/18/1994	004308.9	11.0	5.20	0.026	V	76.2(122.6)
DMG	35.8000	120.3300	06/08/1934	430 0.0	0.0	5.00	0.024	IV	76.3(122.8)
DMG	35.8000	120.3300	12/28/1939	121538.0	0.0	5.00	0.024	IV	76.3(122.8)
DMG	35.8000	120.3300	06/08/1934	447 0.0	0.0	6.00	0.040	V	76.3(122.8)
DMG	35.8000	120.3300	06/05/1934	2148 0.0	0.0	5.00	0.024	IV	76.3(122.8)
DMG	35.8310	117.7610	10/19/1961	5 943.9	-2.0	5.20	0.026	V	76.7(123.4)
GSP	34.3690	118.6720	04/26/1997	103730.7	16.0	5.10	0.025	V	77.1(124.1)
GSP	34.3780	118.6180	01/19/1994	211144.9	11.0	5.10	0.025	V	77.4(124.6)
GSP	34.3260	118.6980	01/17/1994	233330.7	9.0	5.60	0.031	V	79.6(128.1)
DMG	34.5190	118.1980	08/23/1952	10 9 7.1	13.1	5.00	0.023	IV	79.7(128.3)
DMG	34.4110	118.4010	02/09/1971	14 041.8	8.4	6.40	0.047	VI	80.0(128.8)
DMG	34.4110	118.4010	02/09/1971	141028.0	8.0	5.30	0.027	V	80.0(128.8)
DMG	34.4110	118.4010	02/09/1971	14 244.0	8.0	5.80	0.035	V	80.0(128.8)
DMG	34.4110	118.4010	02/09/1971	14 1 8.0	8.0	5.80	0.035	V	80.0(128.8)
DMG	34.3670	119.5830	07/01/1941	75054.8	0.0	5.90	0.036	V	80.4(129.4)
GSP	35.7760	117.6620	08/17/1995	223959.0	5.0	5.40	0.028	V	80.8(130.0)
MGI	34.4000	119.7000	03/25/1806	8 0 0.0	0.0	5.00	0.022	IV	81.1(130.6)
GSP	35.7660	117.6490	01/07/1996	143253.1	5.0	5.20	0.025	V	81.3(130.8)
GSB	35.7610	117.6390	09/20/1995	232736.3	5.0	6.10	0.040	V	81.8(131.6)
DMG	34.3000	118.6000	04/04/1893	1940 0.0	0.0	6.00	0.037	V	82.9(133.3)
GSP	34.3050	118.5790	01/29/1994	112036.0	1.0	5.10	0.023	IV	82.9(133.4)
MGI	35.2500	120.5000	07/09/1917	2222 0.0	0.0	5.00	0.022	IV	83.2(133.9)
MGI	35.2500	120.5000	07/09/1917	2238 0.0	0.0	5.30	0.026	V	83.2(133.9)
MGI	35.2500	120.5000	07/10/1917	043 0.0	0.0	5.30	0.026	V	83.2(133.9)
MGI	35.2500	120.5000	07/10/1917	045 0.0	0.0	5.30	0.026	V	83.2(133.9)
T-A	34.4200	119.8200	00/00/1862	0 0 0.0	0.0	5.70	0.032	V	83.3(134.0)
GSB	34.3010	118.5650	01/17/1994	204602.4	9.0	5.20	0.024	V	83.4(134.2)
PAS	34.3470	119.6960	08/13/1978	225453.4	12.8	5.10	0.023	IV	84.3(135.7)
DMG	34.3080	118.4540	02/09/1971	144346.7	6.2	5.20	0.024	V	85.2(137.1)
MGI	34.9000	120.4000	03/29/1928	625 0.0	0.0	5.30	0.025	V	85.3(137.3)
PAS	36.1820	120.2680	02/14/1987	72650.8	6.0	5.10	0.023	IV	85.5(137.6)
GSB	35.9170	120.4650	12/20/1994	102747.2	8.0	5.00	0.021	IV	86.2(138.7)
BRK	36.2200	120.2600	09/09/1983	91614.0	0.0	5.40	0.026	V	86.7(139.5)
DMG	35.6310	117.5130	09/17/1938	1423 4.1	-2.0	5.00	0.021	IV	86.9(139.8)
DMG	35.9300	120.4800	12/24/1934	1626 0.0	0.0	5.00	0.021	IV	87.3(140.5)
DMG	35.9500	120.4700	11/16/1956	323 9.0	0.0	5.00	0.021	IV	87.3(140.6)
DMG	36.1700	120.3200	12/27/1926	919 0.0	0.0	5.00	0.021	IV	87.4(140.6)
MGI	36.6000	118.4000	09/04/1868	0 0 0.0	0.0	5.00	0.021	IV	87.5(140.8)
MGI	35.5000	120.6000	01/01/1830	0 0 0.0	0.0	5.00	0.021	IV	87.7(141.1)
DMG	34.7000	120.3000	07/31/1902	920 0.0	0.0	5.50	0.027	V	87.7(141.1)
DMG	34.7000	120.3000	01/12/1915	431 0.0	0.0	5.50	0.027	V	87.7(141.1)
MGI	35.0000	120.5000	11/19/1927	332 0.0	0.0	5.00	0.021	IV	87.8(141.2)
BRK	36.2200	120.2900	05/02/1983	234239.0	0.0	6.70	0.052	VI	88.0(141.7)
BRK	36.2200	120.2900	05/02/1983	2346 6.0	0.0	5.60	0.029	V	88.0(141.7)
DMG	36.4000	118.0000	07/05/1871	21 6 0.0	0.0	5.20	0.023	IV	88.0(141.7)
MGI	34.8000	120.4000	12/12/1902	0 0 0.0	0.0	5.70	0.030	V	88.6(142.6)
BRK	36.2400	120.2900	05/09/1983	24912.0	0.0	5.20	0.023	IV	88.9(143.0)
DMG	35.9500	120.5000	06/28/1966	42613.4	0.0	5.50	0.027	V	88.9(143.0)

EARTHQUAKE SEARCH RESULTS

FILE CODE	LAT. NORTH	LONG. WEST	DATE	TIME (UTC) H M Sec	DEPTH (km)	QUAKE MAG.	SITE ACC. g	SITE MM INT.	APPROX. DISTANCE mi [km]
GSP	36.0750	117.6500	11/27/1996	201724.1	1.0	5.30	0.024	V	89.3(143.8)
DMG	35.9700	120.5000	06/28/1966	4 856.2	0.0	5.10	0.022	IV	89.4(143.9)
GSP	36.0670	117.6380	03/06/1998	054740.3	1.0	5.20	0.023	IV	89.7(144.3)
GSP	34.2130	118.5370	01/17/1994	123055.4	18.0	6.70	0.051	VI	89.7(144.3)
GSP	34.2310	118.4750	03/20/1994	212012.3	13.0	5.30	0.024	V	89.7(144.4)
MGI	34.3000	119.8000	07/03/1925	1638 0.0	0.0	5.30	0.024	V	89.9(144.7)
MGI	34.3000	119.8000	07/03/1925	1821 0.0	0.0	5.30	0.024	V	89.9(144.7)
DMG	34.3000	119.8000	06/29/1925	144216.0	0.0	6.25	0.040	V	89.9(144.7)
DMG	36.0000	120.5000	02/02/1881	011 0.0	0.0	5.60	0.028	V	90.3(145.3)
DMG	36.0000	120.5000	03/03/1901	745 0.0	0.0	5.50	0.027	V	90.3(145.3)
DMG	35.9500	120.5300	06/29/1966	195325.9	0.0	5.00	0.021	IV	90.4(145.5)
GSP	36.0760	117.6180	03/07/1998	003646.8	1.0	5.00	0.021	IV	90.9(146.4)
BRK	36.2100	120.3800	07/25/1983	223140.0	0.0	5.10	0.022	IV	91.7(147.5)
BRK	36.2000	120.4000	07/22/1983	343 2.0	0.0	5.00	0.020	IV	92.2(148.4)
T-A	35.2500	120.6700	00/00/1830	0 0 0.0	0.0	5.70	0.029	V	92.6(149.1)
T-A	35.2500	120.6700	12/17/1852	0 0 0.0	0.0	5.70	0.029	V	92.6(149.1)
BRK	36.2200	120.4000	07/22/1983	23955.0	0.0	6.00	0.034	V	93.0(149.6)
MGI	35.3000	120.7000	12/07/1906	640 0.0	0.0	5.90	0.032	V	93.9(151.0)
BRK	36.2600	120.4000	07/09/1983	74052.0	0.0	5.30	0.023	IV	94.6(152.2)
DMG	34.1000	119.4000	05/19/1893	035 0.0	0.0	5.50	0.026	V	95.0(152.9)
MGI	36.5800	118.0800	07/06/1917	11 1 0.0	0.0	5.70	0.029	V	95.1(153.0)
DMG	34.0650	119.0350	02/21/1973	144557.3	8.0	5.90	0.032	V	95.2(153.2)
T-A	36.5800	118.0700	04/18/1872	0 0 0.0	0.0	5.00	0.020	IV	95.4(153.5)
T-A	36.5800	118.0700	08/13/1882	0 0 0.0	0.0	5.00	0.020	IV	95.4(153.5)
MGI	36.6000	118.1000	05/17/1872	21 0 0.0	0.0	5.00	0.020	IV	95.6(153.8)
DMG	34.2000	119.8000	12/21/1812	19 0 0.0	0.0	7.00	0.056	VI	96.0(154.5)
DMG	36.7000	118.3000	08/17/1896	1130 0.0	0.0	5.90	0.032	V	96.1(154.7)
PAS	36.2860	120.4130	10/25/1982	2226 4.0	6.0	5.60	0.027	V	96.2(154.9)
MGI	34.6000	120.4000	08/01/1902	330 0.0	0.0	6.30	0.039	V	96.4(155.1)
MGI	34.6000	120.4000	07/28/1902	657 0.0	0.0	6.30	0.039	V	96.4(155.1)
BRK	36.2500	120.4700	06/11/1983	3 954.0	0.0	5.10	0.021	IV	97.4(156.7)
MGI	35.1700	120.7500	12/01/1916	2253 0.0	0.0	5.70	0.028	V	98.1(157.8)
DMG	34.1180	119.7020	07/05/1968	04517.2	5.9	5.20	0.021	IV	98.9(159.2)
MGI	34.0000	119.0000	12/14/1912	0 0 0.0	0.0	5.70	0.028	V	99.7(160.5)
DMG	34.0000	119.0000	09/24/1827	4 0 0.0	0.0	7.00	0.055	VI	99.7(160.5)

****

-END OF SEARCH- 141 EARTHQUAKES FOUND WITHIN THE SPECIFIED SEARCH AREA.

TIME PERIOD OF SEARCH: 1800 TO 2010

LENGTH OF SEARCH TIME: 211 years

THE EARTHQUAKE CLOSEST TO THE SITE IS ABOUT 10.4 MILES (16.7 km) AWAY.

LARGEST EARTHQUAKE MAGNITUDE FOUND IN THE SEARCH RADIUS: 7.9

LARGEST EARTHQUAKE SITE ACCELERATION FROM THIS SEARCH: 0.198 g

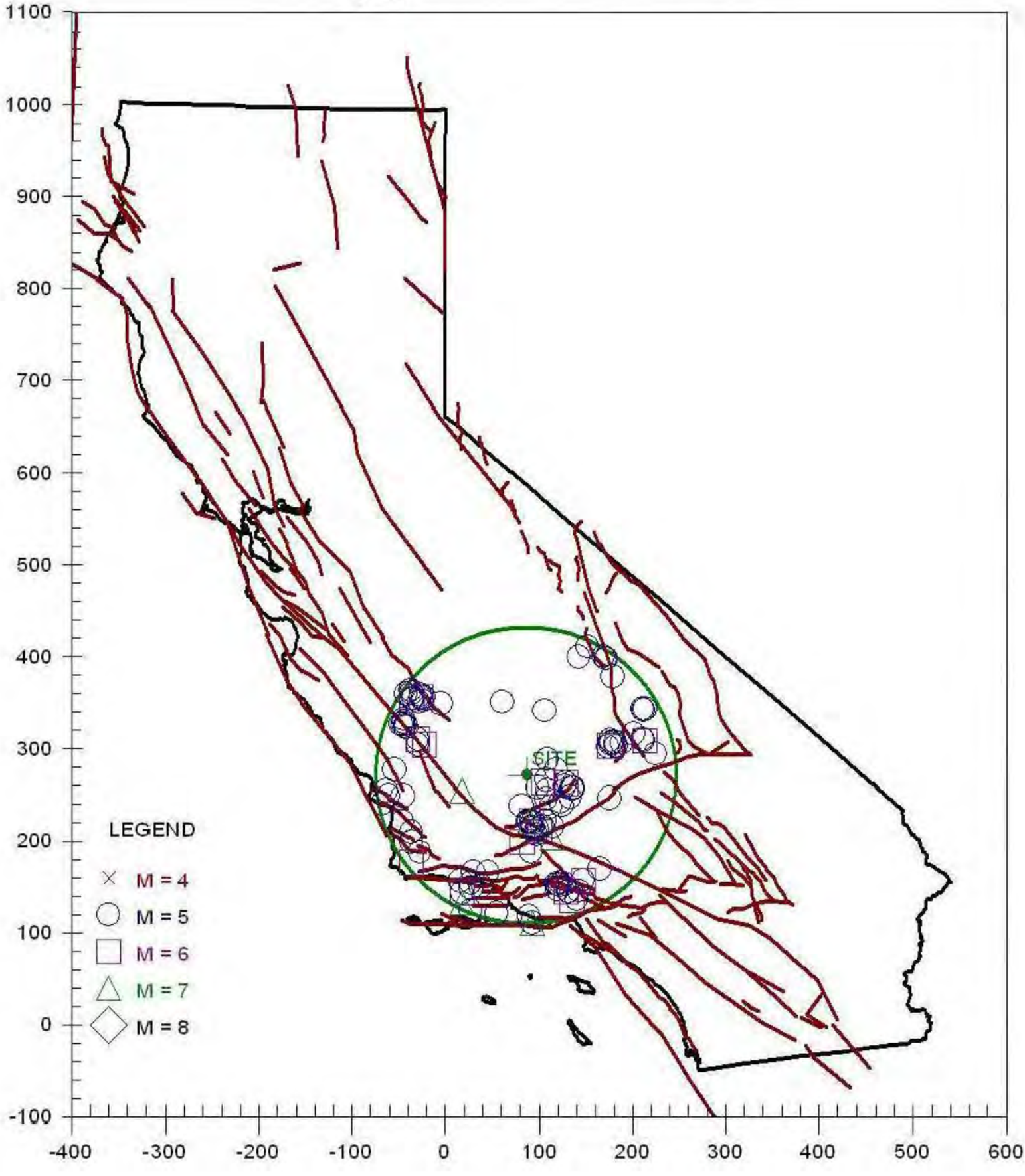
COEFFICIENTS FOR GUTENBERG & RICHTER RECURRENCE RELATION:
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b-value= 0.401
beta-value= 0.924

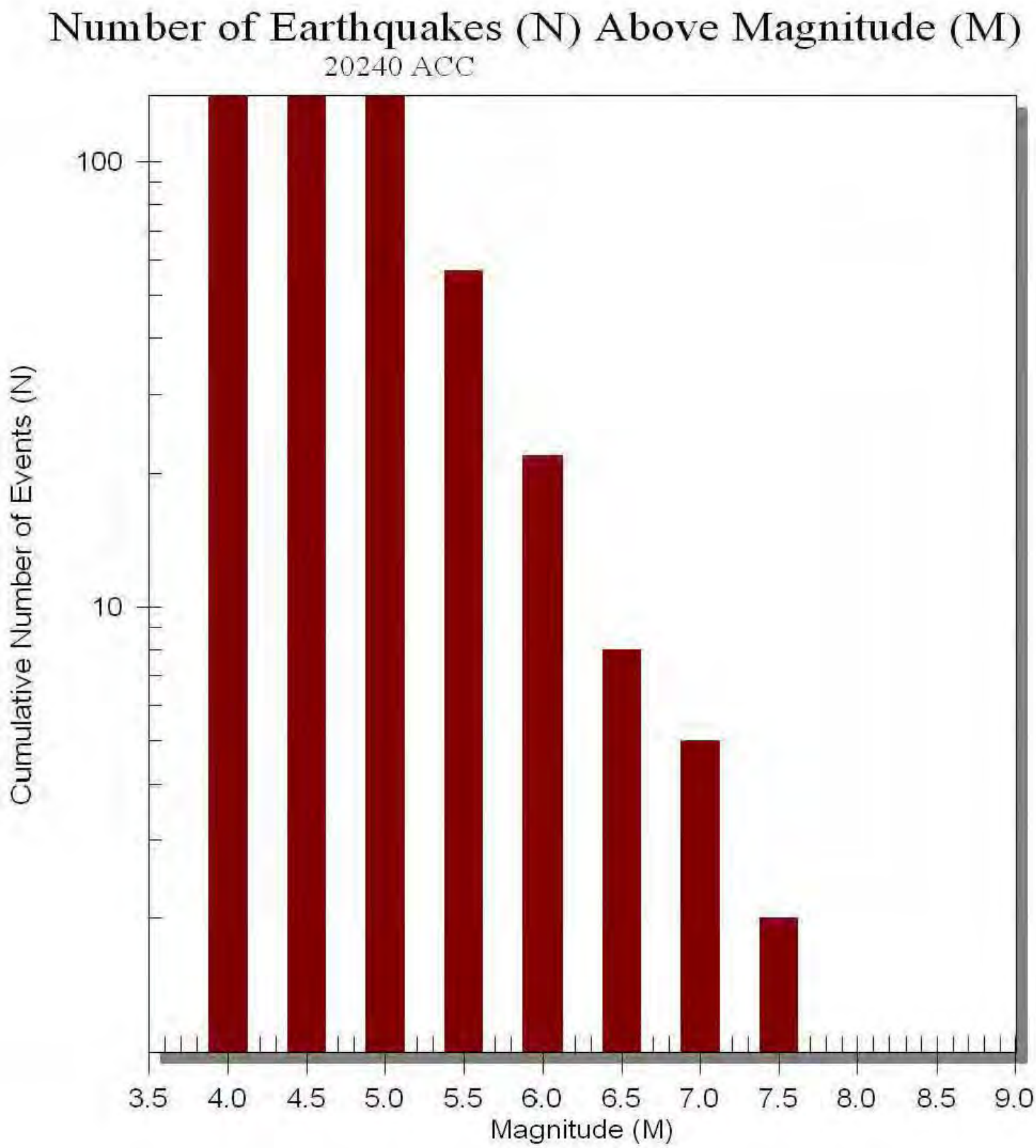
TABLE OF MAGNITUDES AND EXCEEDANCES:

Earthquake Magnitude	Number of Times Exceeded	Cumulative No. / Year
4.0	141	0.67143
4.5	141	0.67143
5.0	141	0.67143
5.5	57	0.27143
6.0	22	0.10476
6.5	8	0.03810
7.0	5	0.02381
7.5	2	0.00952

EARTHQUAKE EPICENTER MAP

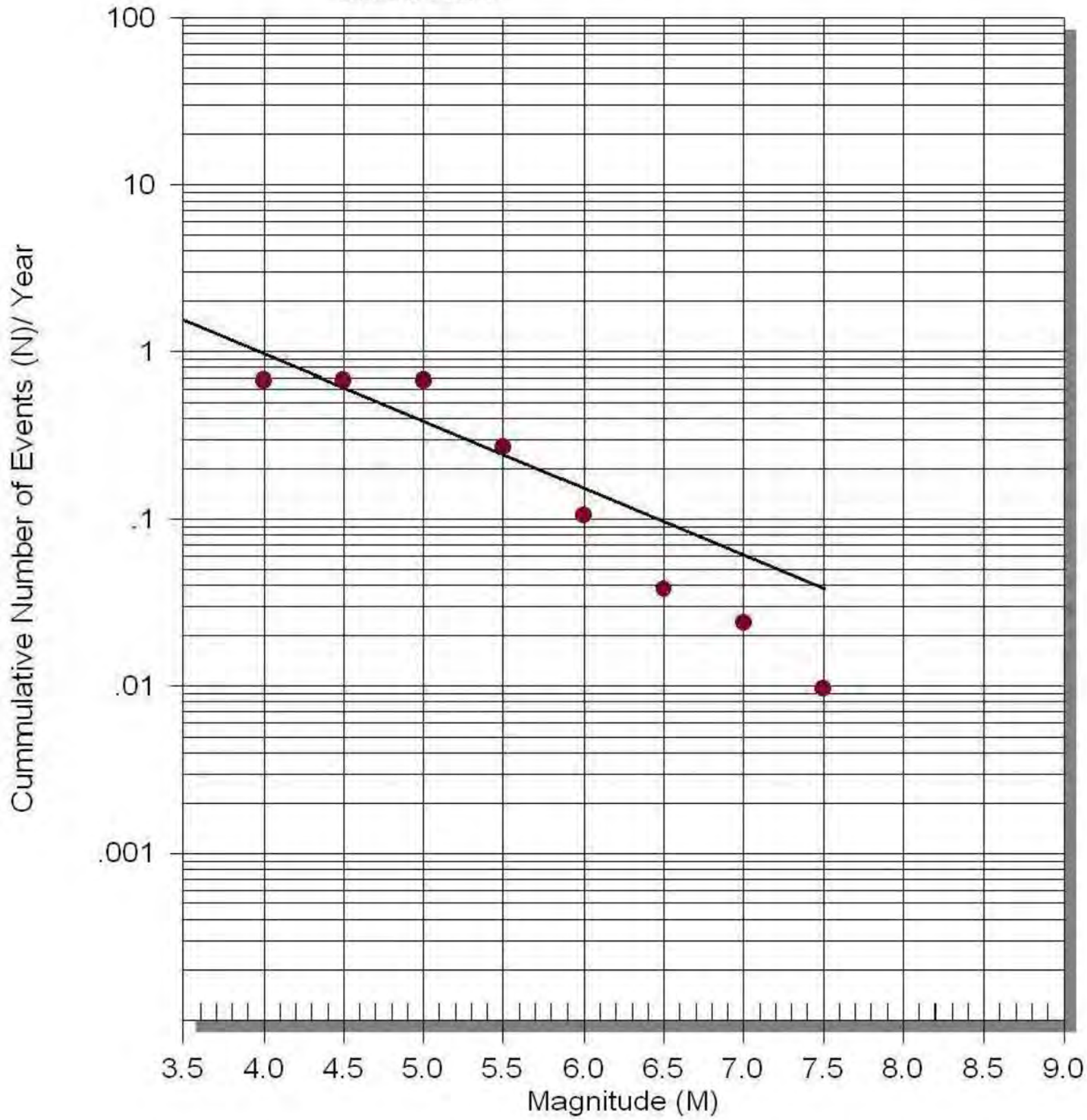
20240




Number of Earthquakes (N) Above Magnitude (M)
20240 ACC
100
10
Cumulative Number of Events (N)
3.5
4.0
4.5
5.0
5.5
6.0
6.5
7.0
7.5
8.0
8.5
9.0
Magnitude (M)

EARTHQUAKE RECURRENCE CURVE

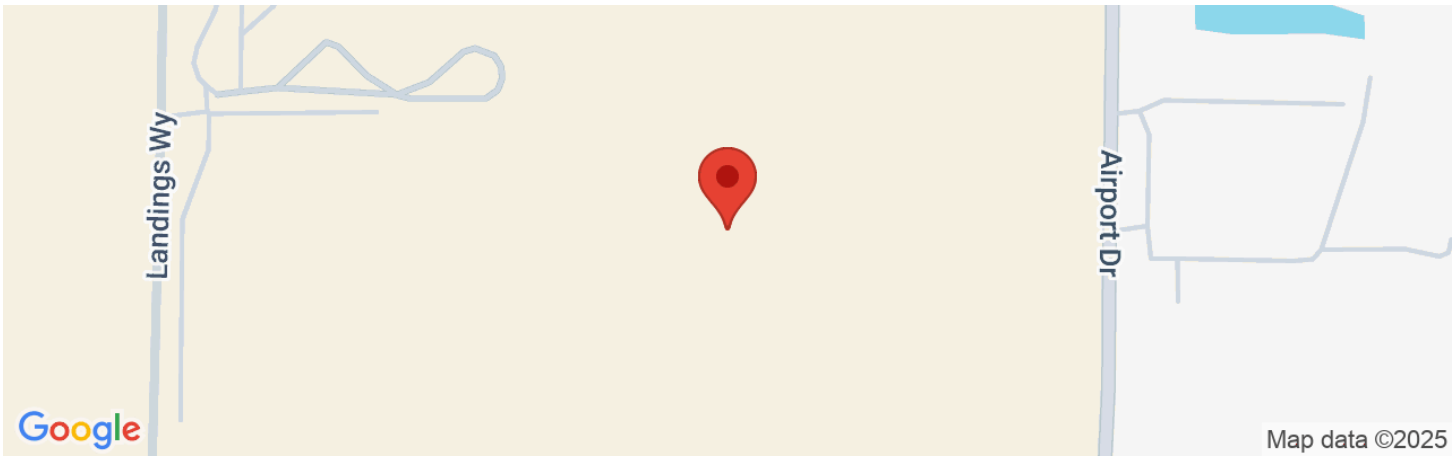
20240 ACC



USGS web services were down for some period of time and as a result this tool wasn't operational, resulting in *timeout* error.
USGS web services are now operational so this tool should work as expected.

20240 ACC

Latitude, Longitude: 35.443992, -119.042228



Date	3/13/2025, 2:26:23 PM
Design Code Reference Document	ASCE7-16
Risk Category	II
Site Class	D - Stiff Soil

Type	Value	Description
S_S	0.871	MCE_R ground motion. (for 0.2 second period)
S_1	0.317	MCE_R ground motion. (for 1.0s period)
S_{MS}	1.003	Site-modified spectral acceleration value
S_{M1}	null -See Section 11.4.8	Site-modified spectral acceleration value
S_{DS}	0.669	Numeric seismic design value at 0.2 second SA
S_{D1}	null -See Section 11.4.8	Numeric seismic design value at 1.0 second SA

Type	Value	Description
SDC	null -See Section 11.4.8	Seismic design category
F_a	1.152	Site amplification factor at 0.2 second
F_v	null -See Section 11.4.8	Site amplification factor at 1.0 second
PGA	0.378	MCE_G peak ground acceleration
F_{PGA}	1.222	Site amplification factor at PGA
PGA_M	0.462	Site modified peak ground acceleration
T_L	12	Long-period transition period in seconds
SsRT	0.871	Probabilistic risk-targeted ground motion. (0.2 second)
SsUH	0.942	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration
SsD	1.5	Factored deterministic acceleration value. (0.2 second)
S1RT	0.317	Probabilistic risk-targeted ground motion. (1.0 second)
S1UH	0.343	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration.
S1D	0.6	Factored deterministic acceleration value. (1.0 second)

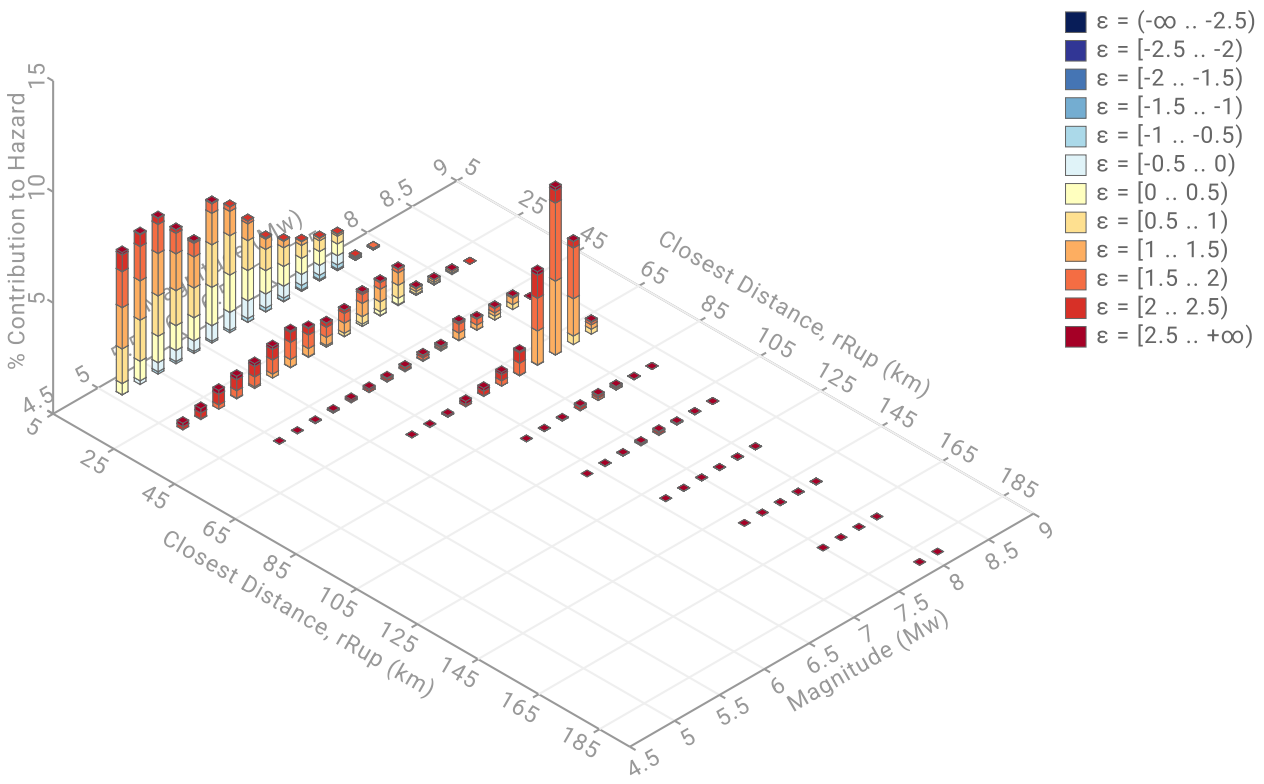
Type	Value	Description
PGAd	0.5	Factored deterministic acceleration value. (Peak Ground Acceleration)
PGA_{UH}	0.378	Uniform-hazard (2% probability of exceedance in 50 years) Peak Ground Acceleration
C_{RS}	0.925	Mapped value of the risk coefficient at short periods
C_{R1}	0.922	Mapped value of the risk coefficient at a period of 1 s
C_V	1.235	Vertical coefficient

DISCLAIMER

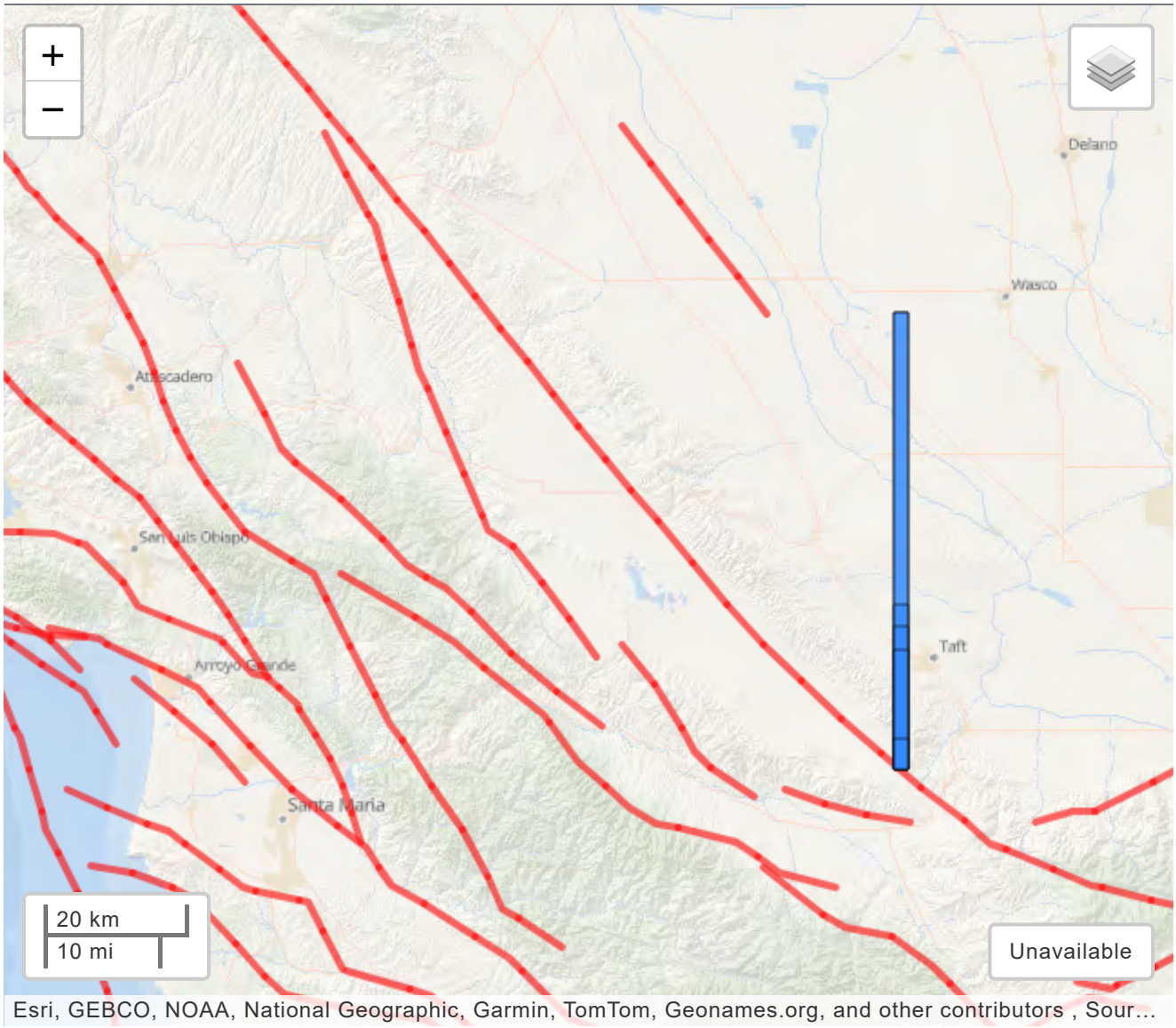
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Disaggregation Report

Disaggregation



Geographical Disaggregation



Parameter Summary

Model: NSHM Conterminous U.S. 2023

Latitude: 35.443992 °

Longitude: -119.042228 °

Site Class: D (Vs30 260)

Intensity Measure Type: PGA

Return Period: 975 (5% in 50)

Component: Total

Disaggregation Summary: Total

Disaggregation targets

Return period : 975 yrs

Exceedance rate : 1.026e-3 yr^{-1}

PGA ground motion : 4.018e-1 g

Recovered targets

Return period : 953.89374 yrs

Exceedance rate : 1.048e-3 yr^{-1}

Totals

Binned : 100 %

Residual : 0 %

Trace : 0.31 %

Mean (over all sources)

m : 6.53

r : 26.23 km

ε_0 : 1.12 σ

Mode (largest m-r bin)

m : 7.89

r : 64.53 km

ε_0 : 1.62 σ

Contribution : 7.53 %

Mode (largest m-r-ε_0 bin)

m : 7.9

r : 64.47 km

ε_0 : 1.83 σ

Contribution : 3.52 %

Discretization

r : min = 0.0, max = 1000.0, Δ = 20.0 km

m : min = 4.4, max = 9.4, Δ = 0.2

ε : min = -3.0, max = 3.0, Δ = 0.5 σ

Epsilon keys

ε0 : [-∞ .. -2.5)

ε1 : [-2.5 .. -2.0)

ε2 : [-2.0 .. -1.5)

ε3 : [-1.5 .. -1.0)

ε4 : [-1.0 .. -0.5)

ε5 : [-0.5 .. 0.0)

ε6 : [0.0 .. 0.5)

ε7 : [0.5 .. 1.0)

ε8 : [1.0 .. 1.5)

ε9 : [1.5 .. 2.0)

ε10 : [2.0 .. 2.5)

ε11 : [2.5 .. +∞]

Disaggregation Contributions: Total

Source Set ↳ Source	Type	r	m	ε_0	lon	lat	az	%
WUS Branch Average (opt)	Grid							76.09
PointSourceFinite: -119.042, 35.502		7.31	5.78	0.54	119.042°W	35.502°N	0.00	2.12
PointSourceFinite: -119.042, 35.529		9.32	5.88	0.74	119.042°W	35.529°N	0.00	2.09
PointSourceFinite: -119.042, 35.511		7.96	5.82	0.61	119.042°W	35.511°N	0.00	1.93
PointSourceFinite: -119.042, 35.502		8.49	5.80	0.58	119.042°W	35.502°N	0.00	1.92
PointSourceFinite: -119.042, 35.484		6.13	5.73	0.39	119.042°W	35.484°N	0.00	1.9
PointSourceFinite: -119.042, 35.493		6.70	5.75	0.46	119.042°W	35.493°N	0.00	1.89
PointSourceFinite: -119.042, 35.529		10.56	5.89	0.78	119.042°W	35.529°N	0.00	1.88
PointSourceFinite: -119.042, 35.520		8.63	5.85	0.67	119.042°W	35.520°N	0.00	1.86
PointSourceFinite: -119.042, 35.511		9.17	5.83	0.65	119.042°W	35.511°N	0.00	1.75
PointSourceFinite: -119.042, 35.484		7.19	5.74	0.43	119.042°W	35.484°N	0.00	1.74
PointSourceFinite: -119.042, 35.547		10.62	5.98	0.90	119.042°W	35.547°N	0.00	1.71
PointSourceFinite: -119.042, 35.493		7.83	5.77	0.51	119.042°W	35.493°N	0.00	1.71
PointSourceFinite: -119.042, 35.538		9.92	5.94	0.85	119.042°W	35.538°N	0.00	1.7
PointSourceFinite: -119.042, 35.520		9.86	5.86	0.72	119.042°W	35.520°N	0.00	1.67
PointSourceFinite: -119.042, 35.556		11.33	6.01	0.96	119.042°W	35.556°N	0.00	1.65
PointSourceFinite: -119.042, 35.547		11.95	5.99	0.94	119.042°W	35.547°N	0.00	1.54
PointSourceFinite: -119.042, 35.538		11.24	5.95	0.89	119.042°W	35.538°N	0.00	1.52
PointSourceFinite: -119.042, 35.475		5.61	5.70	0.32	119.042°W	35.475°N	0.00	1.49
PointSourceFinite: -119.042, 35.565		12.04	6.05	1.01	119.042°W	35.565°N	0.00	1.48
PointSourceFinite: -119.042, 35.556		12.67	6.03	0.99	119.042°W	35.556°N	0.00	1.48
PointSourceFinite: -119.042, 35.574		12.75	6.09	1.06	119.042°W	35.574°N	0.00	1.44
PointSourceFinite: -119.042, 35.475		6.58	5.71	0.36	119.042°W	35.475°N	0.00	1.38
PointSourceFinite: -119.042, 35.565		13.40	6.07	1.04	119.042°W	35.565°N	0.00	1.33
PointSourceFinite: -119.042, 35.574		14.12	6.10	1.08	119.042°W	35.574°N	0.00	1.29
PointSourceFinite: -119.042, 35.466		5.17	5.68	0.25	119.042°W	35.466°N	0.00	1.25
PointSourceFinite: -119.042, 35.583		13.47	6.12	1.10	119.042°W	35.583°N	0.00	1.22
PointSourceFinite: -119.042, 35.466		6.01	5.69	0.29	119.042°W	35.466°N	0.00	1.18
PointSourceFinite: -119.042, 35.592		14.20	6.16	1.15	119.042°W	35.592°N	0.00	1.17
PointSourceFinite: -119.042, 35.583		14.85	6.14	1.13	119.042°W	35.583°N	0.00	1.1
PointSourceFinite: -119.042, 35.601		14.91	6.19	1.19	119.042°W	35.601°N	0.00	1.06
PointSourceFinite: -119.042, 35.592		15.57	6.18	1.17	119.042°W	35.592°N	0.00	1.05
WUS Branch Average	FaultSystem							23.91
San Andreas (Carrizo) (6)		63.92	7.88	1.62	119.498°W	35.006°N	220.51	15.76
Garlock (west) (3)		66.43	7.91	1.66	118.680°W	34.925°N	150.16	1.77
Pleito (2)		49.90	7.60	1.58	119.058°W	34.996°N	181.70	1.12
Pleito (3)		51.64	7.88	1.38	119.036°W	34.980°N	179.39	1.05
White Wolf (4)		38.42	7.48	1.39	118.757°W	35.189°N	137.55	1.04

Application Metadata

Application: Disaggregation
URL: https://earthquake.usgs.gov/nshmp/hazard/disagg

Repository: nshmp-apps
Version: 19.5.0
URL: https://code.usgs.gov/ghsc/nshmp/nshmp-apps

Repository : nshmp-haz
Version: 2.6.3
URL: https://code.usgs.gov/ghsc/nshmp/nshmp-haz

Repository : nshmp-lib
Version: 1.6.2
URL: https://code.usgs.gov/ghsc/nshmp/nshmp-lib

Repository : nshm-conus
Version: 6.1.0
URL: https://code.usgs.gov/ghsc/nshmp/nshms/nshm-conus

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Appendix H

Phase 1 Environmental Site Assessment Report

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Phase I Environmental Site Assessment
Airport Commerce Center
APNs: 483-040-32, 483-040-33, 483-040-42, 483-040-43, 483-040-45, and 483-040-46
1211 Petrol Rd
Bakersfield, CA 93308

Prepared for:

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creating sustainable success
AN ADEC INNOVATION

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March 7th, 2025

CAMERON-COLE
AN ADEC INNOVATION

TABLE OF CONTENTS

1.0 SUMMARY 1

2.0 INTRODUCTION 3

2.1 Purpose 3

2.2 Detailed Scope of Services 4

2.3 Significant Assumptions 4

2.4 Limitations and Exceptions of Assessment 4

3.0 SITE DESCRIPTION 6

3.1 Location and Legal Description 6

3.2 Site and Vicinity Characteristics 6

3.3 Current Uses of the Property 6

3.4 Descriptions of Structures, Roads, and Other Improvements to the Site 6

4.0 USER PROVIDED INFORMATION 7

4.1 Title Records 7

4.2 Environmental Liens or Activity and Use Limitations 7

4.3 Specialized Knowledge 7

4.4 Commonly Known or Reasonably Ascertainable Information 7

4.5 Valuation Reduction for Environmental Issues 7

4.6 Owner, Property Manager, and Occupant Information 7

4.7 Reason for Performing Phase I ESA 7

5.0 RECORDS REVIEW 8

5.2 Additional Environmental Record Sources and Review 11

5.3 Unmappable Sites 15

5.4 Additional Environmental Record Sources 15

5.5 Physical Setting Sources 16

5.6 Historical Use Information 16

5.7 Historical Use Information on Adjoining Properties 20

5.8 Data Failure 20

6.0 SITE RECONNAISSANCE 21

6.1 Methodology and Limiting Conditions 21

6.2 General Site Setting 21

6.3 Interior and Exterior Observations 21

6.4 Interior Observations 22

6.5 Exterior Observations 23

7.0 INTERVIEWS 24
7.1 Site Owner/Occupants 24
7.2 Past Owners, Operators, and Occupants 24
7.3 User 24
7.4 State and/or Local Government Officials 24
8.1 FINDINGS 25
9.0 OPINION 26
10.0 CONCLUSIONS 27
11.0 DEVIATIONS 28
11.0 REFERENCES 29
12.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL 30
13.0 ENVIRONMENTAL PROFESSIONAL STATEMENT 31

FIGURES

Figure 1: Site Map
Figure 2: Regional Vicinity Map

APPENDICES

Appendix A: Photographs
Appendix B: User Questionnaire
Appendix C: Government Records Report
Appendix D: Historical Research Documentation
Appendix E: Interview Documentation
Appendix F: Professional Qualifications

1.0 SUMMARY

Cameron-Cole, LLC (Cameron-Cole) has completed a Phase I Environmental Site Assessment (ESA) for an approximately 108.74-acre property located at 1211 Petrol Road, Bakersfield, Kern County, California (hereafter the "property", "subject property", or "SP"), also identified by Kern County assessor's parcel numbers (APN) 483-040-32, 483-040-33, 483-040-42, 483-040-43, 483-040-45, 483-040-46. The assessment was performed in accordance with the Master Services Agreement between Cameron-Cole, LLC and FirstCarbon Solutions. The scope of services is generally consistent with the scope and limitations of the American Society for Testing and Materials International (ASTM International) Standard Practice for Environmental Site Assessments, Designation: E1527-21 (The Standard). The purpose of this Phase I ESA is to identify, to the extent feasible pursuant to the ASTM International Standard Practice E1527-21, recognized environmental conditions (RECs) in connection with the subject property.

The subject property consists of six parcels with a surface area of approximately 108.74-acres. It is bounded by undeveloped land across Petrol Road to the north, undeveloped land across Airport Drive to the east, undeveloped land to the south across Merle Haggard Drive, and both undeveloped land and commercial properties to the west across Landing Way. Additionally, adjoining the SP to the northwest is a large tank farm operated by Shell Petroleum for the storage of crude oil. Multiple petroleum pipelines are present both within and in the vicinity of the SP, these include a crude oil pipeline which follows the western boundary of the SP along Landing Way, as well as along the southern boundary parallel with Merle Haggard Drive. A pump station is present to the southeast of the SP near the intersection of Merle Haggard Drive and Airport Drive, a pipeline runs from this pump station northwest through the SP to the Shell tank farm. Additionally, gas transmission pipelines run parallel to the SP along both Petrol Road and Merle Haggard Drive. At the time of site reconnaissance, there were no active developments on the SP other than the operation of these pipelines. Historical documents indicate that the SP formerly hosted two oil production wells, which were reportedly abandoned and plugged in 1965 and 1966, respectively.

The goal of this Phase I ESA is to identify the presence or likely presence of hazardous substances or petroleum products on the subject property under conditions that indicate an existing release, a past release, or a material threat of a future release of any hazardous substances or petroleum products in, on, or at the property. The findings of this report are summarized below and may include known or suspected RECs, controlled RECs (CRECs), historical RECs (HRECs), Business Environmental Risks (BERs) or *de minimis* conditions identified during the performance of this Phase I ESA.

- At the time of site reconnaissance, Cameron-Cole observed small areas of stained soil along the roadways adjoining the SP. Based on the size, color, and location, it appears this staining is related to vehicle parking.

- At the time of site reconnaissance, Cameron-Cole identified the crude oil tank farm adjoining the SP to the northwest, this tank farm currently hosts 8 large storage tanks located within spill retention berms. At the time of site reconnaissance, Cameron-Cole did not identify any evidence of a spill, leak, or release from this facility. Additionally, Cameron-Cole identified multiple petroleum product pipelines within and in the vicinity of the SP. However, Cameron-Cole has not identified any evidence of a leak, spill, or release from these pipelines.

- As an element of this assessment, Cameron-Cole obtained and reviewed a regulatory database search of environmental records consistent with the requirements of ASTM international E1527-21 Standard Practice. This database search was obtained from Environsite Corporation (Environsite). This report details

database listings for facilities within the Approximate Minimum Search Distance (AMSD), which is defined as the area for which records must be obtained and reviewed pursuant to section 8 of the ASTM International E1527-21 standard. Based on the Envirosite report, the subject property was not identified in any database searched. Additionally, 31 database listings were identified off the subject property, but within the AMSD.

With reference to these findings, the following Opinions are provided regarding this assessment:

- At the time of site reconnaissance, Cameron-Cole observed small areas of stained soil along the roadways adjacent to the SP. Based on the size, color, and location, it appears this staining is related to vehicle parking and is considered *de minimis*.

- At the time of site reconnaissance, Cameron-Cole did not identify any evidence of a leak, spill, or release, or material threat of a future release from the adjacent Shell tank farm. Based on these observations, it is the opinion of Cameron-Cole, the presence of this tank farm adjoining the SP, does not currently constitute a REC under the applicable standard. Similarly, while the presence of multiple petroleum product pipelines on the SP constitutes the presence of hazardous substances or petroleum products within the SP, Cameron-Cole has not identified evidence of any leak, spill, or release from these pipelines. Based on these considerations, it is the opinion of Cameron-Cole that the presence of these pipelines does not constitute a REC under the applicable standard. However, the presence of these pipelines in the subsurface of the SP, in the opinion of Cameron-Cole constitutes a Business Environmental Risk (BER).

- According to the Envirosite report, there are a total of 31 database listings within the AMSD of the subject property. After extensive records review, the identified sites either have no evidence of a release, have been granted closure, have not had any identified violations, or based upon the distance to the SP, nature and extent of contamination, and current site conditions, are not considered likely to pose an environmental risk to the subject property. Based on these considerations, it is the opinion of Cameron-Cole that none of the off-site database listings constitutes RECs under the applicable standard.

In summary, Cameron-Cole has performed a Phase I ESA, in general conformance with the scope and limitations of ASTM International Standard E1527-21, for an approximately 108.74-acre property located in Bakersfield, California. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. This assessment has identified one BER and one *de minimis* condition. There were no significant data gaps in the preparation of this ESA.

This summary does not contain all the information that is found in the full report, it should be read in its entirety to obtain a more complete understanding of the information provided and aid in any decisions made or actions taken based on this information.

2.0 INTRODUCTION

2.1 Purpose

Cameron-Cole performed a Phase I ESA for an approximately 108.74-acre property located in the City of Bakersfield, Kern County, California. The assessment was conducted in accordance with the Master Environmental Services agreement between Cameron-Cole and FCS (The Client) on behalf of ACC Bakersfield JV, LLC., (The User) and in general conformance with the ASTM International Standard E1527-21 Standard Practice for Environmental Site Assessments. This ESA was designed to identify, to the extent feasible, the presence or likely presence of RECs in connection with the property.

The purpose of this Phase I ESA is to allow the "User" to benefit from one of the defenses referenced in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA): the innocent landowner defense, the contiguous property owner defense, or bona fide prospective purchaser defense. These defenses are collectively referred to as the "landowner liability protections" or "LLPs." ASTM International Standard E1527-21 constitutes "all appropriate inquiry" into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 USC §9601(35)(B). Cameron-Cole considers FCS to the Client and ACC Bakersfield JV, LLC., to be the User of this ESA.

The goal of this Phase I ESA is to identify RECs in connection with the subject property consistent with ASTM International Standard E1527-21. A REC is defined as:

> *"the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; 2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or 3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.*

A CREC is defined as:

> "*a recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls".*

A HREC is defined as:

> *"a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities, without subjecting the property to any controls."*

A BER is defined as:

> " *…a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of business environmental risk issues may involve addressing one or more non-*

scope considerations, some of which are identified in Section 13".

2.2 Detailed Scope of Services

This Phase I ESA was conducted in accordance with the Master Environmental Services Agreement between Cameron-Cole and FCS. The scope of services consists of completing a Phase I ESA in general accordance with ASTM International Standard E1527-21 and the Scope of Services specified in the Master Agreement.

2.3 Significant Assumptions

Historical resources, personal interviews, and federal and state agency files regarding site operations and past historical use have been considered when presenting Cameron-Cole's findings and opinions. Cameron-Cole considers all information provided by our environmental database subcontractor regarding regulatory status of facilities to be current, accurate, and complete. Although Cameron-Cole made no independent investigation as to the accuracy and completeness of other information derived from secondary sources, Cameron-Cole assumes such information is reliable and representative of site conditions.

2.4 Limitations and Exceptions of Assessment

2.3.1 Site-specific Limitations

No site-specific limitations were encountered during the site reconnaissance.

2.3.2 Data Gaps

A data gap is a lack of, or inability to, obtain information required by ASTM International Standard E1527-21 despite good faith efforts to gather such information. Data gaps may result from incompleteness in any of the activities required by ASTM International Standard E1527-21. According to ASTM International Standard Practice E1527-21, data gaps are only significant if "other information and/or professional experience raise reasonable concerns involving the data gap." It is the opinion of Cameron-Cole that there were no significant data gaps in the preparation of this ESA.

2.3.3 General Limitations and Exceptions

The Phase I ESA is produced in accordance with customary principles and practices in the applicable fields of environmental science and engineering. Cameron-Cole is not responsible for conclusions, opinions, or recommendations made by others based upon the information presented herein.

Although industry standard practices are employed, Phase I ESAs are inherently limited, given that findings and conclusions are developed from limited site evaluation and research. In performing a Phase I ESA, Cameron-Cole can only rely upon those records regarding the subject property and surrounding properties which are available to the public, and which can reasonably be obtained by Cameron-Cole. Cameron-Cole's opinions, conclusions and recommendations are therefore limited to those which can be derived from such available and reasonably obtainable records. It is often necessary for Cameron-Cole to rely on information prepared or obtained by others to complete the Phase I ESA. Cameron-Cole makes no warranty or representation as to the accuracy or completeness of information obtained from third parties. Additionally, changes may result with the passage of time with respect to characteristics of the subject property and those of surrounding properties. Cameron-Cole and its representatives do not warrant for or against future changes in operations or conditions, nor do they warrant for or against conditions present of a type or at a location not specifically addressed in the Phase I ESA.

Subject to the limitations stated herein, the opinions presented in Phase I ESA are valid for a period of 180 days from the date of issuance.

Air, soil, and groundwater testing are not part of the Phase I ESA Report. This Phase I ESA is not intended to establish whether air, soil, or groundwater contamination, or waste disposal is present or not present on the subject property or on surrounding properties. Knowledge of actual environmental conditions on the subject property or on any surrounding properties can only be obtained from air, soil, and groundwater testing, the installation of groundwater monitoring wells, and possible additional testing, all of which are outside the scope of the Phase I ESA.

Reasonable efforts were made within the scope of this Phase I ESA to identify the presence of underground storage tanks (USTs), aboveground storage tanks (ASTs), and ancillary equipment on or near the subject property. Limitations to the Phase I ESA exist regarding USTs and ASTs, in as much as information was obtained by Cameron-Cole solely through its review of unobstructed and readily accessible areas, database information, and interviews. Such methods (which are considered industry standard) do not preclude the actual presence of subsurface equipment (including USTs) or regulated materials that are hidden from view due to historical activity such as site paving, re-grading, construction, or debris pile storage. Similarly, it is possible that additional UST facilities not listed in regulatory database files may exist at the subject property or on properties adjacent to the subject property related to owner/operator registration negligence, filing errors with the state regulatory agency, or other reasons over which Cameron-Cole has no control or ability to determine.

Conclusions in the Phase I ESA regarding potential environmental impact of properties and facilities surrounding the subject property are based upon reasonably available information obtained from environmental databases and inferred groundwater flow direction.

No environmental assessment can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of a Phase I ESA is solely intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with the subject property, and this practice recognizes reasonable limits of time and cost. The Phase I ESA has been prepared for the exclusive use and benefit of FCS subject to the terms and conditions specified in the Master Environmental Services Agreement between Cameron-Cole, LLC. and FCS. The Phase I ESA is for the sole and exclusive use and benefit of FCS, our client. Cameron-Cole makes no warranty as to the Phase I ESA except as to FCS's exclusive use of the Phase I ESA. The Client bears the sole responsibility for ensuring that the Phase I ESA is distributed or disseminated to only those third parties to whom FCS is strictly obligated by contract, law, regulation, or ordinance to provide it. Cameron-Cole disclaims any and all liability to any person or entity other than FCS who uses or relies on the Phase I ESA in any way whatsoever without the express written consent of both FCS and Cameron-Cole.

Third-party reliance letters may be issued upon request and upon payment of the then current fee for such letters, and only if Cameron-Cole, FCS, and the User provide express written consent for any such reliance letters.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The subject property consists of six contiguous parcels with a cumulative surface area of 108.74-acres, all located in Bakersfield, Kern County, California. A Site Location Map is provided as Figure 1 and a Regional Vicinity Map as Figure 2. According to the Kern County assessor's office, the SP is identified by APNs 483-040-32, 483-040-33, 483-040-42, 483-040-43, 483-040-45, and 483-040-46.

3.2 Site and Vicinity Characteristics

The SP is currently undeveloped land with no structures or occupants. It largely consists of open fields with unpaved dirt roadways traversing in various directions. Multiple petroleum pipelines are present within the SP and are clearly marked with signage indicating their presence. It is bounded to the north by Petrol Road, Airport Drive to the east, Merle Haggard Drive to the south, and Landing Way to the west. It is generally flat and sits approximately 590-feet above mean sea level (Ft. Amsl.). The SP is adjoined by a bulk oil storage facility to the northwest, undeveloped land to the north across Petrol Road, the east across Airport Drive, and south across Merle Haggard Drive, and a commercial warehouse to the west across Landing Way. Additionally, while not located on the SP, a petroleum pump station serving a subsurface pipeline which crosses the SP is present to the southeast near the intersection of Merle Haggard drive and Airport Drive. The general vicinity around the SP consists of undeveloped land, commercial properties, and limited residential development.

3.3 Current Uses of the Property

At the time of site reconnaissance, the SP was undeveloped land with no occupiable structures. Identified features include a subsurface petroleum pipeline and associated fencing, unpaved dirt roadways traversing from southeast to northwest as well as along the boundaries, pole mounted electrical transmission cables along the edges of the SP, and a drainage culvert along the southern boundary adjacent to Merle Haggard Drive.

3.4 Descriptions of Structures, Roads, and Other Improvements to the Site

The SP does not currently have any occupiable structures. It is bounded by undeveloped land to the north, south, and east across roadways, and the west by both a bulk oil storage facility and a commercial warehouse. Improvements to the site include unpaved pathways along the boundaries and multiple petroleum product pipelines.

3.5 Current Uses of Adjoining Properties

North	Undeveloped land beyond Petrol Road.
South	Undeveloped land beyond Merle Haggard.
East	Undeveloped land beyond Airport Drive.
West	A bulk oil storage facility and a commercial distribution center.

4.0 USER PROVIDED INFORMATION

For the User to qualify for one of the LLPs offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, Section 6 of ASTM International Standard E1527-21 requires the User to provide the environmental professional (EP) the following information:

- The existence of environmental cleanup liens;
- Activity and Use Limitations (AULs) recorded against the subject property;
- Specialized knowledge or experience of the User;
- Relationship of the purchase price to the fair market value of the property if it were not contaminated;
- Commonly known or reasonably ascertainable information about the subject property; and
- The degree of obviousness of the presence of contamination at the subject property.

4.1 Title Records

A historical chain-of-title report was not provided by the User of the report nor obtained by Cameron-Cole as part of the approved scope of services for this project.

4.2 Environmental Liens or Activity and Use Limitations

Mr. Bryce Holman was interviewed via the completion of a User Questionnaire on February 12th, 2025. Mr. Holman indicated that he is not aware of any liens or activity use limitations regarding the subject property.

4.3 Specialized Knowledge

Mr. Holman indicated he does not possess any specialized knowledge regarding the SP.

4.4 Commonly Known or Reasonably Ascertainable Information

Mr. Holman indicated that he is not aware of any commonly known or reasonably ascertainable information indicating a release or threatened releases involving hazardous substances or petroleum products on the SP.

4.5 Valuation Reduction for Environmental Issues

Mr. Holman indicated that he is not involved in any transaction of the subject property.

4.6 Owner, Property Manager, and Occupant Information

Mr. Holman indicated that the property is currently owned by ACC Bakersfield JC, LLC.

4.7 Reason for Performing Phase I ESA

Mr. Holman did not indicate a reason for performing a Phase I ESA.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources and Review

Envirosite provided Cameron-Cole with a comprehensive government agency information search in accordance with ASTM International Standard E1527-21. The regulatory search information and a legend of the database acronyms are presented as Appendix C: Government Records Report. Maps depicting properties listed in the various databases searched by Envirosite are also provided. The table below provides a summary of the federal records reviewed along with each record's AMSD from the subject property.

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (Miles)	<1/8 Mile	1/8-1/4 Mile	1/4-1/2 Mile	1/2-1 Mile	>1 Mile	TOTAL MAPPED
FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST								
ARCHIVED RCRA TSDF		0.500	0	0	0	--	--	0
RCRA_TSDF		0.500	0	0	0	--	--	0
FEDERAL, STATE, AND TRIBAL REGISTERED STORAGE TANK LISTS								
FEMA UST		0.250	0	0	--	--	--	0
AST_KERN COUNTY–CA		0.250	1	3	--	--	--	4
FID UST – CA		0.250	0	0	--	--	--	0
HIST AST - CA		0.250	1	2	--	--	--	3
HIST UST – CA		0.250	1	1	--	--	--	2
UST – CA		0.250	1	1	--	--	--	2
UST_KERN COUNTY – CA		0.250	1	2	--	--	--	3
FEDERAL CERCLIS LIST								
CERCLIS NFRAP		0.500	0	0	0	--	--	0
CERCLIS-HIST		0.500	1	0	0	--	--	1
FEDERAL FACILITY		1.000	0	0	0	0	--	0
FEDERAL RCRA CORRACTS FACILITIES LIST								
CORRACTS		1.000	1	0	0	0	--	1
HIST CORRACTS 2		1.000	0	0	0	0	--	0
FEDERAL DELISTED NPL SITE LIST								
DELISTED NPL		1.000	0	0	0	0	--	0
FEDERAL ERNS LIST								
ERNS		SP	0	--	--	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (Miles)	<1/8 Mile	1/8-1/4 Mile	1/4-1/2 Mile	1/2-1 Mile	>1 Mile	TOTAL MAPPED
FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES								
FED E C		0.500	0	0	0	--	--	0
FED I C		0.500	0	0	0	--	--	0
RCRA IC_EC		0.250	0	0	--	--	--	0
FEDERAL RCRA GENERATORS LIST								
HIST RCRA_CESQG		0.250	0	0	--	--	--	0
HIST RCRA_LQG		0.250	0	0	--	--	--	0
HIST RCRA_NONGEN		0.250	0	0	--	--	--	0
HIST RCRA_SQG		0.250	0	0	--	--	--	0
RCRA_LQG		0.250	0	1	--	--	--	1
RCRA_NONGEN		0.250	2	4	--	--	--	6
RCRA_SQG		0.250	3	1	--	--	--	4
RCRA_VSQG		0.250	0	0	--	--	--	0
FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS								
INDIAN LUST R9		0.500	0	0	0	--	--	0
LUST REG 3 – CA `		0.500	0	0	0	--	--	0
LUST REG 4 – CA		0.500	0	0	0	--	--	0
LUST REG 5 – CA		0.500	0	0	0	--	--	0
LUST REG 6 – CA		0.500	0	0	0	--	--	0
LUST_KERN COUNTY – CA		0.500	2	2	1	--	--	5
SLIC REG 3 – CA		0.500	0	0	0	--	--	0
SLIC REG 4 – CA		0.500	0	0	0	--	--	0
SLIC REG 5 – CA		0.500	0	1	1	--	--	2
SLIC REG 6 – CA		0.500	0	0	0	--	--	0
FEDERAL NPL SITE LIST								
NPL		1.000	0	0	0	0	--	0
NPL EPA R9 GIS		1.000	0	0	0	0	--	0
SEMS_FINAL NPL		1.000	0	0	0	0	--	0
SEMS_PROPOSED NPL		1.000	0	0	0	0	--	0
STATE AND TRIBAL – EQUIVALENT CERCLIS								
ENIROSTOR – CA		1.000	1	0	1	1	--	3
OIL & GAS CLEANUP - CA		0.500	0	0	0	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (Miles)	<1/8 Mile	1/8-1/4 Mile	1/4-1/2 Mile	1/2-1 Mile	>1 Mile	TOTAL MAPPED
SWRCB CLEANUP-CA		0.500	0	0	0	--	--	0
SWRCB_NON_CASE – CA		0.500	0	0	0	--	--	0
TOXIC PITS – CA		1.000	0	0	0	0	--	0
STATE RCRA GENERATOR LIST								
HWG – CA		0.250	7	9	--	--	--	16
SWF/LF – CA		0.500	0	0	0	--	--	0
STATE AND TRIBAL BROWNFIELD SITES								
TRIBAL BROWNFIELDS		0.500	0	0	0	--	--	0
LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES								
CDL – CA		SP	0	--	--	--	--	0
SCH – CA		0.250	0	0	--	--	--	0
LOCAL BROWNFIELDS LIST								
FED BROWNFIELDS		0.500	0	0	0	--	--	0
LOCAL LAND RECORDS								
LIENS 2		SP	0	--	--	--	--	0
HIST LIENS – CA		SP	0	--	--	--	---	0
LIENS – CA		SP	0	--	--	--	--	0
RECORDS OF EMERGENCY RELEASE REPORTS								
HMIRS (DOT)		SP	0	--	--	--	---	0
LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES								
TRIBAL ODI		0.500	0	0	0	--	--	0

5.2 Additional Environmental Record Sources and Review

The table below provides a summary of the additional environmental records reviewed along with each record's AMSD from the subject property.

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (Miles)	<1/8 Mile	1/8-1/4 Mile	1/4-1/2 Mile	1/2-1 Mile	>1 Mile	TOTAL MAPPED
COAL GAS		1.000	0	0	0	0	--	0
CORRECTIVE ACTIONS_2020		0.500	0	0	0	0	--	0
DOD		1.000	0	0	0	0	--	0
ECHO		SP	0	--	--	--	--	10
FUDS		1.000	0	0	0	1	--	1
HIST DOD		1.000	0	0	0	0	--	0
ICIS		SP	0	--	--	--	--	0
LUCIS		0.500	0	0	0	--	--	0
LUCIS 2		0.500	0	0	0	--	--	0
NPL AOC		1.000	0	0	0	0	--	0
NPL LIENS		SP	0	--	--	--	--	0
PADS		SP	0	--	--	--	--	0
PCB TRANSFORMER		SP	0	--	--	--	--	0
PFAS NPL		0.500	0	0	0	--	--	0
PFAS TRIS		0.500	0	0	0	--	--	0
PFAS UCMR3		0.500	0	0	0	--	--	0
CALEPA SITES – CA		0.250	8	10	--	--	--	18
CIWQS - CA		SP	0	--	--	--	--	0
CIWQS 2 - CA		SP	0	--	--	--	--	0
DRYCLEANERS – CA		0.250	0	0	--	--	--	0
FA – CA		SP	0	--	--	--	--	0
FA - 2		0	--	--	--	--	--	0
HAZNET – CA		0.250	6	8	--	--	--	14
HIST HAZNET - CA		0.250	0	0	--	--	--	0
HIST HWP - CA		1.000	1	0	0	0	--	1
HIST LDS - CA		0.500	0	0	0	--	--	0
HIST MCS - CA		1.000	0	0	0	0	--	0
HIST NFA - CA		0.500	0	0	0	--	--	0
HWM-COMMERCIAL FACILITIES - CA		0.250	0	0	--	--	--	0
HWP - CA		1.000	1	0	0	0	--	1
HWT – CA		0.500	0	1	0	--	--	1
LDS – CA		0.250	0	0	--	--	--	0
MCS – CA		1.000	0	0	0	0	--	0
MWMP – CA		0.250	0	0	--	--	--	0
MWMP 2 – CA		0.250	0	0	--	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (Miles)	<1/8 Mile	1/8-1/4 Mile	1/4-1/2 Mile	1/2-1 Mile	>1 Mile	TOTAL MAPPED
NFA – CA		0.500	0	0	1	--	--	1
NFE - CA		0.500	0	0	0	0	--	0
NPDES – CA		SP	0	--	--	--	--	0
PERCHLORATE – CA		0.500	0	0	0	--	--	0
PFAS – CA		0.500	0	0	1	--	--	1
PFAS DOD – CA		0.500	0	0	0	--	--	0
PFAS GAMA – CA		0.500	0	0	0	--	--	0
RFR – CA		SP	0	--	--	--	--	0
WDR – CA		SP	0	--	--	--	--	0
WDS – CA		SP	0	--	--	--	--	0

Subject Property

According to the Envirosite Report, no listings were identified on the SP.

North (Up-Gradient)

Lufkin Industries Inc., 4730 Airport Drive, located 266 – feet northeast of the SP, was identified in the **HAZNET – CA** and **HWG – CA** databases.

- Based on information obtained from the above identified databases, this facility was a hazardous waste generator which became inactive on 6/30/2010.

Shell Bakersfield Tank Farm, located 298 – feet northwest of the SP, was identified in the **CALEPA SITES – CA** database.

- Based on information obtained from the above identified database, this facility is registered with the United State Environmental Protection Agency (USEPA) air emission inventory system.

Liberty Lift Solutions, 4760 Airport Drive, located 465 – feet northeast of the SP, was identified in the **HAZNET – CA** and **HWG – CA** databases.

- Based on information obtained from the above identified database, facility was a hazardous waste generator which became inactive on 10/20/2015. No record of any leak, spill, or release was identified.

Electrical Power Services Inc., 4842 Airport Drive, located 625 – feet northeast of the SP, was identified in the **HAZNET – CA** and **HWG – CA** databases.

- Based on information obtained from the above identified database, this facility was a hazardous waste generator which became inactive on 6/30/2012. No record of any leak, spill, or release was identified.

KS Industries – Fleet, 900 Petrol Road, located 631 – feet northeast of the SP, was identified in the **AST_KERN COUNTY – CA, CALEPA SITES – CA, HAZNET – CA, HIST UST – CA, HWG – CA, LUST REG 5 – CA, LUST_KERN COUNTY – CA, RCRA_NONGEN, RCRA_SQG, UST – CA,** and **UST_KERN COUNTY – CA** databases.

- Based on information obtained from the above identified database, this facility is a registered hazardous waste generator, petroleum storage facility, underground storage facility, and leaking underground storage tank cleanup site which was granted closure on 6/30/1990. As a hazardous waste generator, the site produced and disposed of organic solids, hydrocarbon solvents, waste oil, inorganic solids, and laboratory waste chemicals numerous times between 2004 and 2018. Based on the closed status of the site, and age of the release, it is the opinion of Cameron-Cole that this site is not likely to impact the SP therefore not considered to constitute a REC.

Abateco, 850 Petrol Road, located 784 – feet northeast of the SP, was identified in the **HAZNET – CA, HWG – CA, HWT – CA,** and **RCRA_NONGEN** databases.

- Based on information obtained from the above identified database, this facility is a registered hazardous waste generator which produced asbestos containing waste in 2007 and 2009 then

became inactive on 6/30/2020. No evidence indicating any leak, spill, or release was identified.

Towery Air Conditioning Inc., 4813 Ortiz Court, located 943 – feet northeast of the SP, was identified in the **CALEPA SITES – CA** database.

- Based on information obtained from the above identified database, this facility is a registered chemical storage facility. No record of any leak, spill, or release was identified.

SWPP USA Inc., 4808 Ortiz Court, located 954 – feet northeast of the SP, was identified in the **HAZNET – CA** and HWG **– CA** databases.

- Based on information obtained from the above identified database, this facility is a registered hazardous waste generator, petroleum storage facility, underground storage facility, and leaking underground storage tank cleanup site which was granted closure on 6/30/1990. As a hazardous waste generator, the site produced and disposed of organic solids, hydrocarbon solvents, waste oil, inorganic solids, and laboratory waste chemicals on numerous occasions between 2004 and 2018. No record of any leak, spill, or release was identified.

KS Fabrication & Machine, 5014 Airport Drive, located 1,042 – feet north-northeast of the SP, was identified in the **CALEPA SITES – CA, HAZNET – CA, HWG – CA,** and **RCRA_NONGEN** databases.

- Based on information obtained from the above identified database, this facility is a registered hazardous waste generator and chemical storage facility which produced and disposed of hydrocarbon solvents, organic liquids, and off-specification organics multiple times between 2015 and 2019.

KS Industries LP, 5024 Airport Drive, located 1,089- feet northeast of the SP, was identified in the **AST_KERN COUNTY – CA, CALEPA SITES – CA, HAZNET – CA, HIST AST – CA, HIST UST_KERN COUNTY – CA, HWG – CA, LUST REG 5 – CA, LUST_KERN COUNTY – CA, UST – CA,** and **UST_KERN COUNTY – CA** databases.

- Based on information obtained from the above identified databases, this facility is a registered LUST cleanup site which was granted closure on 1/30/1991. Additionally, this facility was a hazardous waste generator which produced and disposed of waste oil, organic solids, and aqueous solutions with organic residues multiple times between 1994 and 1998.

Precision Air Systems Inc., 4808 Ortiz Court, located 1,095 -feet northeast of the SP, was identified in the **HAZNET – CA, HWG – CA,** and **RCRA_NONGEN** databases.

- Based on information obtained from the above identified databases, this facility was a hazardous waste generator which remains active. Records identify it as having produced and disposed of organic solids in 2015. No record of any leak, spill, or release was identified.

San Pablo Bay Pipeline Company LLC., 1801 Petrol Road, located 1,160 – feet northwest of the SP, was identified in the **AST_KERN COUNT – CA, CALEPA SITES – CA, HAZNET – CA, HIST AST – CA, HIST UST – CA, HWG – CA, LUST REG 5 – CA, LUST_KERN COUNTY – CA, RCRA_SQG,** and **UST_KERN COUNTY – CA** databases.

- Based on review of the stie address this facility appears to actually be located adjoining the SP to the northwest. Records identify it as a LUST cleanup site which was granted closure on 2/24/1989. Records identify the contaminant of concern as solvents with the leak having been reported on 6/4/1987. No records detailing any cleanup action, remediation, investigation or the closure letter was identified. Additionally, the facility is identified as a registered hazardous materials storage facility which is authorized to store transformer oil, shell tellus 32, shell sol D 60, oxygen, oily debris, nitrogen, gear lubricant, morlina oil 220, kwik dri 66, ethylene glycol, crude oil, and acetylene. Records identify 13 total inspections with no recorded violations. As a hazardous waste generator, the site produced and disposed of inorganic solid waste, organic solids, liquids with mercury, oil containing waste, and asbestos containing materials multiple times between 2006 and 2015. Based on the age and nature of the release, and considering the closed status of the case, it is the opinion of Cameron-Cole that this listing does not constitute a REC under the applicable standard.

AKA Tim Smith | Bowser Enterprises Inc., 1415 James Road, located 1,171 – feet northeast of the SP, was identified in the **HAZNET – CA** and **HWG – CA** databases.

- Based on information obtained from the above identified databases, this facility was a hazardous waste generator which became inactive on 6/30/2008. No record of any leak, spill, or release was identified.

AT&T Corp, 5053 Airport Drive, located 1,311-feet north-northeast of the SP, was identified in the **CALEPA SITES – CA** database.

- Based on information obtained from the above identified databases this facility is a chemical storage facility. No record of any leak, spill, or release was identified.

South (Down-Gradient)

Witco Corp, Tank Farm, located 270 – feet southeast of the SP, was identified in the **CALEPA SITES – CA** database.

- Based on information obtained from the above identified database, this facility is a leaking underground storage tank cleanup site which was granted closure on 12/19/1990. Available records indicate that the case related to potential waste, motor, hydraulic and lubricating oil contamination in soil.

Caliber Collision Center – Bakersfield Airport 1279, 1322 Citation Way, located 631 – feet southwest of the SP, was identified in the **CALEPA SITES – CA, HWG – CA, RCRA_NONGEN,** and **RCRA_SQG** databases.

- Based on information obtained from the above identified databases, this facility is a registered hazardous waste generator and chemical storage facility. No record of any leak, spill, or release which is considered to be likely to impact the SP was identified.

Chevron – North Meadows/Airport Plaza Property, Southeast Corner of Merle Haggard Drive and Airport Drive, located 877 – feet southeast of the SP, was identified in the **CALEPA SITES – CA** and **SLIC REG 5 – CA** databases.

- Based on information obtained from the above identified databases, this facility is registered cleanup site which was originally granted closure in June of 1989. Development conducted in April of 2015 identified hydrocarbon impacted material in the northeastern corner of the site, the discovery of this condition triggered the site being reopened. A soil vapor investigation was conducted by Krazan & Associates Inc., which included the installation and sampling of soil vapor wells as well as the sampling of soil. Upon conclusion of this investigation the site was once again closed. Based on the closed nature of the site, it is the opinion of Cameron-Cole that this facility does not constitute a REC under the applicable standard.

Parcel Map 12146 – Phase I, Merle Haggard Drive between Wings Way and Airport Drive, located 1,082 – feet southwest of the SP, was identified in the **CALEPA SITES – CA** database.

- Based on information obtained from the above identified database, this facility operates under a construction stormwater permit.

VTPM 12146 Phase 2 Parcel 11 between Wings Way and Aiport Drive, located 1,105-feet south-southwest of the SP, was identified in the **CALEPA SITES – CA** database.

- Based on information obtained from the above identified database this facility operates under a construction stormwater permit. No record of any leak, spill, or release was identified.

Bakersfield Municipal Airport, 65.427778, -119.04444, located 4,955 – feet south of the SP, was identified nt he **ENVIROSTOR – CA** and **FUDS** databases.

- Based on information obtained from the above identified databases, this facility is a former military site which has undergone cleanup operations. Based on the distance and relative groundwater flow direction in the vicinity of the SP, it is the opinion of Cameron-Cole that this facility does not constitute a REC under the applicable standard.

East (Cross-Gradient)

Lanxess Solutions US, Inc., 4100 Airport Drive, located 359 – feet east of the SP, was identified in the **CALEPA SITES – CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR – CA, HAZNET – CA, HIST AST – CA, HIST HWP – CA, HWP - CA** and **RCRA_SQG** databases.

- Based on information obtained from the above identified database, this facility is a former tank farm which was used to store crude oil. Additionally, the site has undergone various environmental assessments including RCRA Facility Assessment (RFA) in June of 1997. This document indicates that in addition to the storage of crude oil for refinement, the site has historically been used for the storage of acidic sludge in unlined surface impoundments. The RFA assessed potential exposure pathways and the suitability for a determination of no further action (NFA). Upon assessing the site it

was determined that no further action is needed at this facility. Based on the nature of the site and considering the finding of NFA, it is the opinion of Cameron-Cole that this facility does not constitute a REC under the applicable standard.

Highland Knolls School Site, Haven and Rio Del Norte, located 2,021 – feet east of the SP, was identified in the **ENVIROSTOR – CA** and **NFA – CA** databases.

- Based on information obtained from the above identified databases, this facility was a potential site for an elementary school. A supplemental site assessment was completed in 2007 which identified residual pesticide impacts in soil but determined that no further assessment was needed. Based on the nature of the contamination and determination of NFA, it is the opinion of Cameron-Cole that this facility does not constitute a REC under the applicable standard.

West (Cross-Gradient)

Parcel Map 12115, Northwest corner of Landings Way and Merle Haggard Drive, located 86-feet west-southwest of the SP was identified in the **CALEPA SITES – CA, CIWQS – CA, NPDES – CA,** and **RFR – CA** databases.

- Based on information obtained from the above identified databases, this facility operated under a construction stormwater permit until 6/30/2015. No record of any leak, spill, or release was identified.

Amazon.Com Services LLC., - BFL 1, 1601 Petrol Road, located 1,085 – feet west-northwest of the SP, was identified in the **AST_KERN COUNTY – CA, CALEPA SITES – CA, HAZNET – CA, HWG – CA,** and **RCRA_LQG** databases.

- Based on information obtained from the above identified databases, this facility is a hazardous waste generator, chemical storage facility, and above ground petroleum storage facility. It is authorized to store waste toxics, waste toner, waste pesticides, waste pharmaceuticals, waste oil, waste lead acid batteries, wase epoxy resin, oxidizers, and non-RCRA regulated waste. Records identify a total of five inspections by the local oversight agency, only one of which identified a violation relating to a failure to maintain a current hazardous materials release response plan. No record of any leak, spill, or release was identified.

Meadows Field Airport, 3701 Wings Way, located 2,369-feet west-southwest of the SP, was identified in the **PFAS – CA** and **SLIC REG 5 – CA** databases.

- Based on information obtained from the above identified databases, this facility is an airport which is open for site assessment as of 4/23/2021. Based on the distance to the SP and considering the regional groundwater flow direction, it is the opinion of the EP that this facility is not considered likely to impact the SP.

Chevron Motor Transport, Bakersfield Terminal, located 2,433 – feet west-southwest of the SP, was identified it the **LUST REG 5 – CA** and **LUST_KERN COUNTY – CA** databases.

- Based on information obtained from the above identified databases, this facility is a LUST cleanup site which was granted closure on 5/10/1993.

5.3 Unmappable Sites

The Envirosite Report includes a summary of sites that are located in the general area of the SP, yet do not have adequate location addresses or latitude/longitude coordinates to pinpoint their location in relation to the SP. According to the Envirosite report there were no unmappable sites within the AMSD of the SP.

5.4 Additional Environmental Record Sources

5.4.1 County Property Assessor/Appraiser

According to the Kern County Assessor's Office, the subject property is identified by Assessor's Parcel Numbers (APN) 483-040-32, 483-040-33, 483-040-42, 483-040-43, 483-040-45, and 483-040-46.

5.4.2 Fire/Police Officials

Cameron-Cole contacted the city of Kern County Sherriff's Office and the Bakersfield Fire Department on February 14th, 2025, requesting records pertaining to responses to incidents, spills, leaks, or releases of hazardous substances or petroleum products on the subject property. As of the date of this ESA a response has not been received from the Sherrif's Department, a response was received from the Bakersfield Fire Department indicating that a search cannot be completed based on the APNs for the subject property.

5.4.3 Other Record Sources

Cameron-Cole contacted the Kern County Department of Public Health on February 19th, 2025, requesting records pertaining to the storage or use of hazardous materials or petroleum products including registration of storage tanks or hazardous waste generators on the subject property. A response was received on February 19th, indicating that no responsive records were identified.

Cameron-Cole Contacted the Department of Toxic Substances Control on February 14th, 2025, requesting records pertaining to the storage of hazardous materials or petroleum products including the registration of storage tanks or hazardous waste generators on the subject property. A response was received from the DTSC on February 21st, indicating that no records were identified.

5.5 Physical Setting Sources

5.5.1 Topography

A Site Location Map is provided as Figure 1. Based upon review of available USGS topographic map the SP sits at approximately 30-feet above mean sea level and is generally flat.

5.5.2 Soils/Geology

The Envirosite Report provides a summary of the US Department of Agriculture (USDA) Soil Survey of the subject property's general area. According to the Envirosite report, the primary soil in the vicinity of the SP is delano series, a well drained sandy loam with moderate corrosion potential.

5.5.3 Hydrology

Based upon review of groundwater monitoring reports prepared for the Meadows Airport located west of the SP, the groundwater in the vicinity of the SP flows south-southwest and is generally at a depth of 290-feet. It must be noted that Cameron-Cole has made no independent investigation into the accuracy or reliability of these measurements or interpretations.

5.6 Historical Use Information

Available historical resources were consulted to develop a history of the previous uses of the property to help identify the likelihood of past uses having led to RECs in connection with the property. Copies of the aerial photographs, historical topographic maps, Fire Insurance Maps, and City Directory Report are provided in Appendix D.

5.6.1 Aerial Photographs

The aerial photographs described below were previously furnished by Envirosite. Copies of 1937, 1946, 1952, 1956, 1961, 1964, 1967, 1968, 1971, 1972, 1974, 1975, 1978, 1984, 1985, 1989, 1994, 1995, 2002, 2005, 2009, 209, 2010, 2012, 2014, 2016, 2018, 2020, and 2022 aerial photographs are provided in Appendix D.

Date: 1937
Scale: 1" = 500'

Subject Property:
Undeveloped desert land with no identifiable features other than numerous unpaved roadways traversing in various directions.

Adjoining North:
A large bulk tank farm is present to the northwest of the SP.

Adjoining East
Undeveloped desert land.

Adjoining South:
Undeveloped desert land beyond an unpaved roadway.

Adjoining West:
A bulk storage tank farm is present to the west of the northern portion of the SP, the remainder is undeveloped land.

General Vicinity:
Mostly undeveloped desert land of bulk storage facilities.

Date: 1946 - 2018
Scale: 1" = 500'

Subject Property:
The southeastern portion of the SP appears to have undergone grading.

Adjoining North:
Remains unchanged.

Adjoining East
A bulk storage tank farm.

Adjoining South:
Remains unchanged.

Adjoining West:
Appears unchanged.

General Vicinity:
Either undeveloped vacant land or bulk storage facilities.

Date: 2020 - 2022
Scale: 1" = 500'

Subject Property:
Remains unchanged.

Adjoining North:
Remains unchanged.

Adjoining East
Remains unchanged.

Adjoining South:
Under development for what appears to be a large commercial warehouse.

Adjoining West:
Now occupied by a large commercial warehouse.

General Vicinity:

Largely remains undeveloped or a bulk storage facility, limited residential development to the southeast and commercial warehouses to the south and west.

5.6.2 Fire Insurance Maps (Sanborn Maps)

The Historical Information Gatherers Historical Map Collection and the US Library of Congress Map Collection were searched for Fire Insurance Maps (FIMs), real estate atlases, and similar maps for the subject property and adjoining properties. No coverage was identified for the subject property.

5.6.3 Recorded Land Title Records

A historical chain-of-title report was not provided by the User of the report nor obtained by Cameron-Cole as part of the approved scope of services for this project.

5.6.4 Historic USGS Topographic Maps

The historic topographic maps described below were obtained from Envirosite. Copies of the 1906, 1930, 1935, 1942, 1954, 1978, 2012, 2015, and 2022 topographic maps are provided in Appendix D.

Date: 1906
Scale: 1:62500

Subject Property:
Appears to be undeveloped land with the only notable improvements being a roadway traversing from northwest-southeast.
Adjoining North:
Undeveloped land.
Adjoining East:
Undeveloped land.
Adjoining South:
A roadway and undeveloped land beyond.
Adjoining West:
A roadway and undeveloped land beyond.
General Vicinity:
It appears to be almost entirely undeveloped land; only notable features are roadways.

Date: 1930 - 1935
Scale: 1:31680

Subject Property:
Appears unchanged.
Adjoining North:
Undeveloped land.
Adjoining East:
Development of oil tanks.
Adjoining South:
A major road or pathway adjoins the SP to the south.
Adjoining West:
Appears to be undeveloped.
General Vicinity:
Mostly undeveloped except for roads or pathways to the north, east and south. Oil tanks constructed east, southeast, and southwest of subject property.

Date: 1942

Scale: 1:31680

Subject Property:

Appears to be undeveloped except for two roads or pathways which bisect the subject property. Small structure in northeast corner.

Adjoining North:

Appears to be undeveloped except for roads or pathways.

Adjoining East:

Development of oil tanks, water tanks, a reservoir and several small structures.

Adjoining South:

A major road or pathway adjoins the SP to the south followed by two reservoirs.

Adjoining West:

Development of oil pumping station consisting of approximately ten small circular structures bordered by roads or pathways.

General Vicinity:

Oil tanks and water tanks are present east, southeast, and southwest of subject property with new property and structures adjoining to the west. Reservoirs to the east and south.

Date: 19454 - 2022

Scale: 1:31680

Subject Property:

Appears to be undeveloped except for two roads or pathways which bisect the subject property.

Adjoining North:

Appears to be undeveloped except for roads or pathways.

Adjoining East:

Development of oil tanks, water tanks, a reservoir and several small structures.

Adjoining South:

A major road or pathway adjoins the SP to the south followed by two reservoirs.

Adjoining West:

Development of oil pumping station consisting of approximately ten small circular structures bordered by roads or pathways.

General Vicinity:

The airport was constructed to the south of the SP. Further development of roads and mixed commercial/residential structures to the south. Development of mixed residential and agricultural land to the west and south. Development of a high school to the southeast. Development of agricultural land and residential structures to the north. Oil tanks and water tanks are constructed east, southeast, and west of subject property with property and structures adjoining to the west. Reservoirs developed in all directions of subject property.

5.6.5 Local Street Directories

Historical street directories for the subject property and surrounding property addresses were provided by Envirosite. The SP is identified by the street address 1211 Petrol Road, Bakersfield, California. This address was not identified within the city directory report. Properties which are not adjoining the SP or which at the discretion of the EP, are determined to be residential may be omitted from this summary. Listings for adjoining properties are as follows:

1801 Petrol Road (Northwest of the SP)

1998, 2006 – Shell Pipeline Corp.

1993 – Shell California Production Inc.

4760 and 4730 Airport Drive (Northeast of the SP)

2010, 2015 – Southern Sierra General Engineering Inc.
1998 – Superior Tank Company.

5.6.6 Building Department Records

Historical use of the subject property was researched using other standard historical sources. Therefore, Building Department records were not reviewed as part of this assessment.

5.6.7 Zoning/Land Use Records

Historical use of the subject property was researched using other standard historical sources. Therefore, historical zoning and land use records were not reviewed as part of this assessment.

5.6.8 Prior Assessment Reports

Cameron-Cole was not provided with or made aware of any prior assessment reports regarding the subject property.

5.7 Historical Use Information on Adjoining Properties

The following is a summary of adjoining property historical uses based on a review of the historical records reviewed in Section 5.7

North	A roadway and undeveloped land since at least 1937. Northwest adjoining the SP has been occupied by a bulk petroleum storage facility since at least 1937.
East	A roadway and petroleum storage beyond from at least 1937 to approximately 2005. Currently undeveloped.
South	A roadway and undeveloped land beyond since at least 1937.
West	Bulk petroleum storage facility since at least 1937 and undeveloped land beyond it until approximately 2020 when a large commercial warehouse was developed.

5.8 Data Failure

In accordance with ASTM International E1527-21, 8.3.1, the objective of compiling and analyzing historical property information and developing a history of the previous uses of the subject property, adjoining properties, and surrounding area is to help identify the likelihood of past uses having led to RECs in connection with the subject property. All obvious uses of the subject property must be identified from the present, back to the subject property's first developed use, or back to 1940, whichever is earlier. The report must describe all identified uses, justify the earliest date identified for the subject property's first developed use, and explain the reason for any gaps in the history of use. This task requires reviewing as many of the standard historical resources in 8.3.4.1 through 8.3.4.8, as necessary, and both reasonably ascertainable and likely to be useful. Data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objective has not been met. Data failure is not uncommon in trying to identify historical uses at five-year intervals back to first use or 1940 (whichever is earlier). If the data failure represents a significant data gap to the EP, ASTM International Standard E1527-21 requires documentation of the impact of the data gap on the ability of the EP to identify RECs. Based on the above information and sources searched, historical use information is deemed sufficient to comply with ASTM International E1527-21 in regard to data failure. No significant historical use information data gaps were identified.

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

The methodology used by the Cameron-Cole representative during the February 19th, 2025, site reconnaissance consisted of visual observations of readily accessible areas of the subject property to determine the presence or absence of hazardous substance or petroleum product storage areas or spills as indicated by stressed vegetation, soil staining, storage tanks, drums, etc.

6.2 General Site Setting

The SP consists of six parcels with a surface area of approximately 108.74 acres. It is bounded by roadways on all sides as well as a bulk oil storage facility to the northwest. A site map depicting the subject property is provided as Figure 1 and photographs of the site as observed during the site reconnaissance as Appendix A. The general vicinity of the SP consists of commercial properties including a warehouse to the west, a bulk oil storage facility to the northwest, undeveloped land to the south, east, and north.

6.2.1 Geologic, Hydrogeologic, and Topographic Conditions

Based on topographic maps and observations, the SP is generally flat and sits at approximately 590-Ft. amsl. Based on the review of groundwater monitoring reports for the Meadows Field airport located west of the SP, groundwater in the vicinity is generally at a depth of 290 feet and flows approximately south-southwest. It must be noted that Cameron-Cole has not made any independent investigation into the accuracy or reliability of these measurements or interpretations.

6.2.2 General Description of Structures

There are currently no structures on the SP.

6.2.3 Roads

The SP is bounded to the north by Petrol Road, Airport Drive to the east, Merle Haggard Drive to the south, and Landings Way to the west. Multiple unpaved pathways traverse along the boundaries of the SP as well as northwest into the SP from the southeast corner.

6.2.4 Potable Water Supply

Mr. Holman indicated that the subject property is provided potable water service by the Oildale Mutual Water Company.

6.2.5 Sewage Disposal System

Mr. Holman indicated that the subject property is provided sewage disposal via the North of River Sanitary District.

6.3 Interior and Exterior Observations

6.3.1 Hazardous Substances and Petroleum Products in Connection with Identified Uses

Cameron-Cole did not observe any containers of hazardous substances or petroleum products at the time of site reconnaissance. However, Cameron-Cole did observe signage indicating the presence of multiple petroleum product pipelines traversing throughout the SP. These pipelines appear to be related to a pump station located to the southeast near the boundary of Merle Haggard Road and Airport Drive as well as the bulk oil tank farm located to the northwest. Based on the review of the National Pipeline Mapping System (NPMS) online portal, a crude oil pipeline runs adjacent to Merle Haggard Drive, as well as traversing within the SP along Airport Drive, as well as northwesterly from the intersection of Merle Haggard Drive and Landing Way. The presence of these pipelines in the subsurface of the SP constitutes a BER in the opinion of Cameron-Cole.

6.3.2 Storage Tanks

Cameron-Cole did not observe any storage tanks on the SP, however multiple large storage tanks are present to the northwest on the adjacent tank farm.

6.3.3 Odors

Cameron-Cole did not detect any odors indicative of releases of hazardous substances or petroleum products on the subject property at the time of the site reconnaissance.

6.3.4 Pools of Liquid

Cameron-Cole did not observe any pools of liquid on the subject property at the time of the site reconnaissance.

6.3.5 Drums

Cameron-Cole did not observe any drums on the subject property at the time of the site reconnaissance.

6.3.6 Hazardous Substance and Petroleum Product Containers Not in Connection with Identified Uses

Cameron-Cole did not observe any hazardous substances or petroleum products at the time of site reconnaissance.

6.3.7 Unidentified Substance Containers

No unidentified substance containers were observed.

6.3.8 Indicators of PCBs

Cameron-Cole did not observe any indicators of PCBs at the time of site reconnaissance.

6.4 Interior Observations

6.4.1 Heating/Cooling

No structures were present on the SP at the time of site reconnaissance.

6.4.2 Stains or Corrosion

No structures were present on the SP at the time of site reconnaissance.

6.5 Exterior Observations

6.5.1 Pits, Ponds, or Lagoons

No pits, ponds, or lagoons were observed within the SP.

6.5.2 Stained Soil or Pavement

No stained soil or pavement was observed at the time of site reconnaissance.

6.5.3 Stressed Vegetation

Cameron-Cole did not observe any obvious evidence of stressed vegetation on the subject property at the time of site reconnaissance.

6.5.4 Solid Waste

Cameron-Cole observed a small amount of trash strewn throughout the SP, the majority of this appeared to be litter and none was identified as hazardous or petroleum products.

6.5.5 Wastewater

Cameron-Cole did not observe any wastewater systems on the subject property at the time of site reconnaissance.

6.5.6 Wells

According to the Envirosite Report there are two former oil production wells located on the SP. Based on a review of the California Well Finder online mapping application, both are reported as plugged and abandoned. These wells are identified by well identified numbers 35-16 and 35-17. Additional information obtained from Well Finder indicates that well 35-16 is considered a plugged dry hole and 35-17 is plugged. Records indicate these wells were abandoned in 1966 and 1965, respectively.

6.5.7 Septic Systems

Cameron-Cole did not observe any septic systems during site reconnaissance.

7.0 INTERVIEWS

7.1 Site Owner/Occupants

Mr. Bryce Holman was interviewed via the completion of a Pre-Site visit questionnaire on February 12th, 2025.

7.2 Past Owners, Operators, and Occupants

Past owners, operators, or occupants were not interviewed for this ESA.

7.3 User

Mr. Bryce Holman was interviewed via the completion of a User Questionnaire on February 12th, 2025. A copy of the completed questionnaire is included as Appendix B.

7.4 State and/or Local Government Officials

Agencies contacted in the preparation of this Phase I ESA included the California Department of Toxic Substances Control, the Kern County Department of Public Health, the Kern County Sherrif's Office, and the Bakersfield Fire Department. Additional information in the records furnished by these agencies, if any, is provided in Section 5.4.2.

8.0 FINDINGS

The goal of this Phase I ESA is to identify the presence or likely presence of hazardous substances or petroleum products on the subject property under conditions that indicate an existing release, a past release, or a material threat of release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water on the property. The findings of this report are summarized below and may include known or suspected RECs, CRECs, HRECs, BERs or *de minimis* conditions identified during the performance of this Phase I ESA.

- At the time of site reconnaissance, Cameron-Cole observed small areas of stained soil along the roadways adjoining the SP. Based on the size, color, and location, it appears this staining is related to vehicle parking.

- At the time of site reconnaissance, Cameron-Cole identified the crude oil tank farm adjoining the SP to the northwest, this tank farm currently hosts 8 large storage tanks located within spill retention berms. At the time of site reconnaissance, Cameron-Cole did not identify any evidence of a spill, leak, or release from this facility. Additionally, Cameron-Cole identified multiple petroleum product pipelines within and in the vicinity of the SP. However, Cameron-Cole has not identified any evidence of a leak, spill, or release from these pipelines.

- As an element of this assessment, Cameron-Cole obtained and reviewed a regulatory database search of environmental records consistent with the requirements of ASTM international E1527-21 Standard Practice. This database search was obtained from Envirosite Corporation (Envirosite). This report details database listings for facilities within the Approximate Minimum Search Distance (AMSD), which is defined as the area for which records must be obtained and reviewed pursuant to section 8 of the ASTM International E1527-21 standard. Based on the Envirosite report, the subject property was not identified in any database searched. Additionally, 31 database listings were identified off the subject property, but within the AMSD.

9.0 OPINION

With reference to the foregoing section of this report (Section 8.0), the following Opinion is provided in connection with this assessment.

- At the time of site reconnaissance, Cameron-Cole observed small areas of stained soil along the roadways adjacent to the SP. Based on the size, color, and location, it appears this staining is related to vehicle parking and is considered *de minimis*.

- At the time of site reconnaissance, Cameron-Cole did not identify any evidence of a leak, spill, or release, or material threat of a future release from the adjacent Shell tank farm. Based on these observations, it is the opinion of Cameron-Cole, the presence of this tank farm adjoining the SP, does not currently constitute a REC under the applicable standard. Similarly, while the presence of multiple petroleum product pipelines on the SP constitutes the presence of hazardous substances or petroleum products within the SP, Cameron-Cole has not identified evidence of any leak, spill, or release from these pipelines. Based on these considerations, it is the opinion of Cameron-Cole that the presence of these pipelines does not constitute a REC under the applicable standard. However, the presence of these pipelines in the subsurface of the SP, in the opinion of Cameron-Cole, constitutes a Business Environmental Risk (BER).

- According to the Envirosite report, there are a total of 31 database listings within the AMSD of the subject property. After extensive records review, the identified sites either have no evidence of a release, have been granted closure, have not had any identified violations, or based upon the distance to the SP, nature and extent of contamination, and current site conditions, are not considered likely to pose an environmental risk to the subject property. Based on these considerations, it is the opinion of Cameron-Cole that none of the off-site database listings constitutes RECs under the applicable standard

10.0 CONCLUSIONS

In summary, Cameron-Cole has performed a Phase I ESA, in general conformance with the scope and limitations of ASTM International Standard E1527-21, for an approximately 108.74-acre property located 1211 Petrol Road, Bakersfield, Kern County, California. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. This assessment has revealed one *de minimis* condition in relation to the subject property. These conditions are as follows.

- Stained pavement observed in numerous spots along the roadways adjacent to the subject property, in the opinion of Cameron-Cole, constitutes a *de minimis* condition.

- The presence of multiple petroleum product pipelines within the subsurface of the SP indicated by signage and confirmed via review of the National Pipelines Mapping System, in the opinion of Cameron-Cole constitutes a BER.

11.0 DEVIATIONS

There were no contractual excluded elements or deviations from ASTM International Standard E1527-21.

11.0 REFERENCES

Aerial Photographs: Envirosite— 1937, 1946, 1952, 1956, 1961, 1964, 1967, 1968, 1971, 1972, 1974, 1975, 1978, 1984, 1985, 1989, 1994, 1995, 2002, 2005, 2009, 2010, 2012, 2016, 2020, and 2022 Report generated on February 14th, 2025.

ASTM International: ASTM International Standard Practice Designation E1527-21.

USGS Topographic Maps: Envirosite— 1906, 1930, 1935, 1942, 1954, 1978, 2012, 2015, and 2022 0.5-minute USGS Topographic Maps of Oildale and Bakersfield West, California. Report generated on February 13thm, 2025.

Standard Environmental Records Search: Completed by Envirosite for 1211 Petrol Road, Bakersfield, Kern County, California. Report generated on February 13th, 2025.

Fire Insurance Map Search: Completed by Envirosite for 1211 Petrol Road, Bakersfield, Kern County, California. Report generated February 13th, 2025.

City Directory Abstract: Completed by Envirosite for 1211 Petrol Road, Bakersfield, Kern County, California. Report generated February 13th, 2025.

Parcel Information: Obtained from the Kern County Assessor's Office:
Assessor-Recorder | Kern County, CA

Pipeline Information: Obtained from the National Pipeline Mapping System**:**
NPMS Public Viewer

Oil Well Information: Obtained from the California Department of Conservation
WellFinder: **Well Finder**

12.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

The following Cameron-Cole personnel were involved with the site inspection, records search, regulatory review, and drafting of the Phase I Environmental Site Assessment Report for the property located at Kern Conty APNs: 483-040-32, 483-040-33, 483-040-42, 483-040-43, 483-040-45, 483-040-46, and all located in Bakersfield, California.

Prepared by:



Ryan Barry, Environmental Scientist II
3/7/2025

This is to certify that I have reviewed and approve the contents of the Phase I Environmental Site Assessment Report for the property at Kern Conty APNs: 483-040-32, 483-040-33, 483-040-42, 483-040-43, 483-040-45, 483-040-46, and all located in Bakersfield, California. Qualifications of the environmental professional are provided in Appendix F.

Reviewed by:



Michael Stephenson, Principal Scientist
3/7/2025

13.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

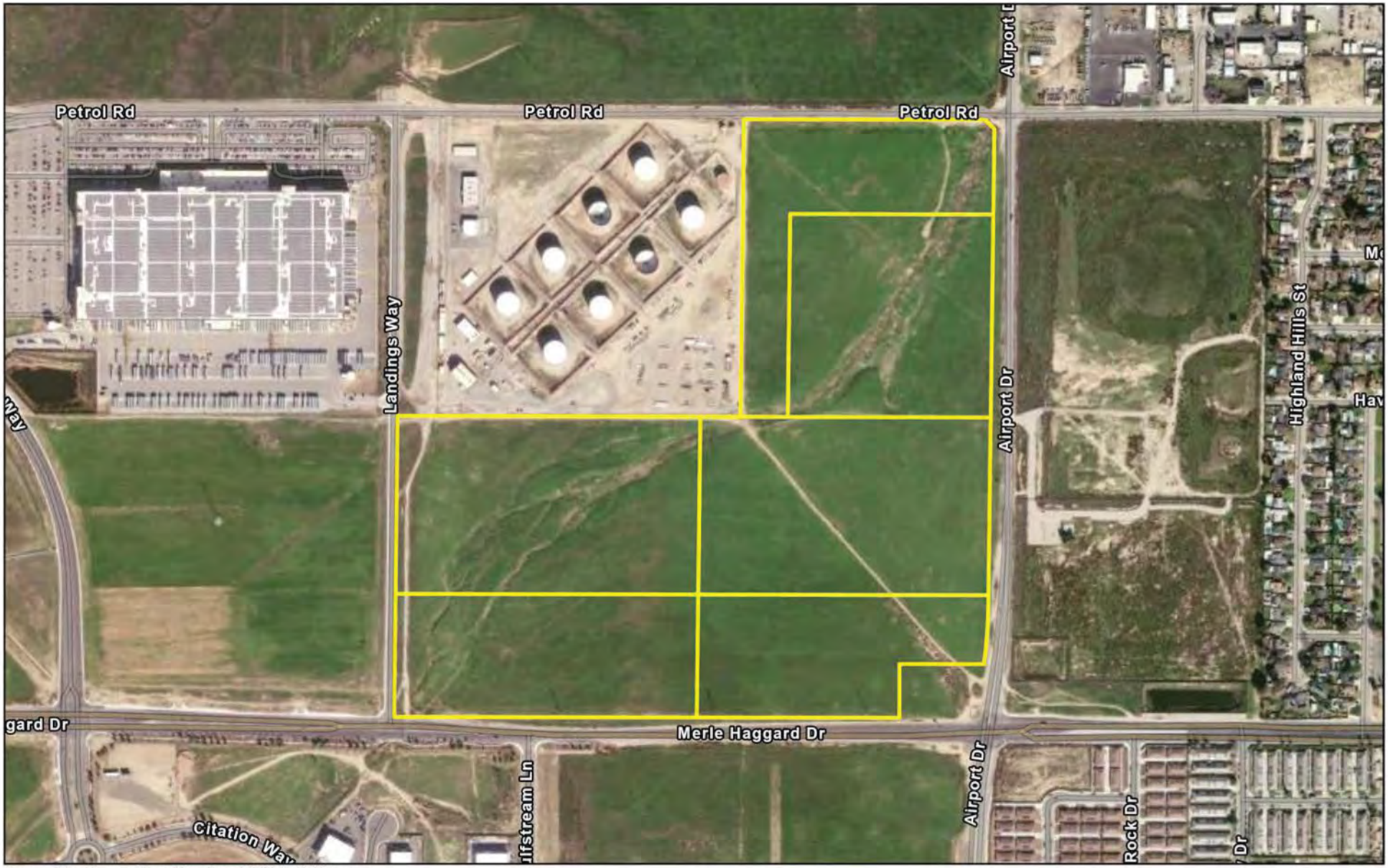
I declare that, to the best of my professional knowledge and belief, I meet the definition of EP as defined in 312.10 of 40 Code of Federal Regulations (CFR) 312, and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



_____

Michael Stephenson, Principal Scientist
3/7/2025

FIGURES



Source: Kern County Open Data Portal, ESRI Aerial Imagery

CAMERON-COLE
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Figure 1
Site Map

03/2025 | AirportcommerceCenter.mxd

AIRPORT COMMERCE CENTER
PHASE I ESA



Source: Census 2000 Data, The California Spatial Information Library (CaSIL).

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N
W E
S

0 1.5 3 6 Kilometers

Figure 2: Regional Location Map

APPENDICES

Appendix A:
Photographs



Photo 1: Facing west along Petrol road from north-eastern most corner of adjacent tank farm.



Photo 2: Facing east along Petrol road from northeastern most corner of adjacent tank farm.



Photo 3: Facing south into the SP from Petrol Road.



Photo 4: Shell tank farm adjacent to the SP.



Photo 5: Household trash dumped on the SP adjacent to Petrol Road.



Photo 6: Facing west from the northeastern most corner of SP along Petrol Road.



Photo 7: Oildale Mutual Water Company infrastructure located adjacent to the northeast most corner of the SP.



Photo 8: Intersection of Airport Drive and Petrol Road, northeast of the SP.



Photo 9: Facing south along Airport road from the intersection of Airport Drive and Petrol Road.



Photo 10: Facing southwest from Airport Drive



Photo 11: Sign indicating a subsurface petroleum pipeline in eastern portion of the SP.



Photo 12: Facing west into SP from Airport Drive.



Photo 13: Facing west along Merle Haggard Road from southeastern adjacent pump station.



Photo 14: Facing northwest into SP along unpaved pathway from southeastern adjacent pump station.



Photo 15: Miscellaneous dumped material in central portion of SP along unpaved dirt pathway.



Photo 16: Facing east along unpaved pathway bordering SP and adjacent Shell tank farm.



Photo 17: Rear entrance to Shell tank farm from Landings Way. Large commercial warehouse present to the west.



Photo 18: Facing south along unpaved roadway adjacent to Landings Way.



Photo 19: Drainage culvert located adjacent to Merle Haggard Drive.



Photo 20: Facing east into the SP from southwestern most corner.



Photo 21: Petroleum product pipeline located along the western boundary.



Photo 22: Petroleum product pipeline warning signs along western boundary of SP.



Photo 23: Entrance to adjacent tank farm.



Photo 24: Entrance to tank farm.

Appendix B:
User Questionnaire

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PHASE I ESA USER'S QUESTIONNAIRE

In order to qualify for protection from land owner liability under CERCLA as an *innocent landowner, bona fide prospective purchaser,* or *contiguous property owner*, ASTM standard practice E1527-21 and the federal AAI rule (40 CFR 312) require that the User of the Phase I ESA report provide certain information (if available) to the Environmental Professional completing the assessment. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete. Information that is not or cannot be provided to the Environmental Professional may be identified as a "data gap" in the Phase I ESA report.

Property Information.

Cameron-Cole/Client Project #: Property Name: ACC Bakersfield

Property Address: Airport Dr, Merle Haggard, Landings Way, Petrol Drive

City: Bakersfield State: CA Zip: 93308

Property Owner Name: ACC Bakersfield JV, LLC

Please answer the following questions as completely as possible. Attach additional pages as needed.

1. **Reason for Completion.** Is the reason for performing the Phase I to satisfy one of the requirements for the innocent landowner defense under CERCLA AND/OR to understand potential environmental conditions that could materially impact the operation of the business associated with the parcel of commercial real estate?

   _____ Yes __X_____ No

   Other (indicate if required for property transaction, sale, purchase, exchange, lending requirement, etc). _____

   _____

2. **Environmental Cleanup Liens.** Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

   _____ Yes ___X_____ No

   If yes, describe or attach details of the lien_____

   _____

3. **Activity and Land Use Limitations.** Are you aware of any activity and use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded as applicable to the property as a result of environmental contamination, investigation, cleanup, or related matters?

   _____ Yes ____X_____ No

   If yes, describe or attach details of the limitations_____

   _____

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PHASE I ESA USER'S QUESTIONNAIRE

4. **Specialized Knowledge or Experience**. As the User of this ESA, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property, such that you would have specialized knowledge about chemicals and processes used by this type of business?

   _____ Yes ___X_____ No

   If yes, describe or attach details of your specialized knowledge or experience_____
   _____

5. **Relationship of Purchase Price to Fair Market Value of Property**. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, do you have any reason to believe that the reduced purchase price may be related to contamination known or believed to be present at the property?

   _____ Yes, I have reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the property?

   _____ No, I have no reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the property?

   ____X_____ Not applicable. User is not involved in a purchase of the property.

6. **Commonly Known or Reasonably Ascertainable Information**. Are you aware of commonly known or reasonably ascertainable information about the property that would help the Environmental Professional to identify conditions indicative of releases or threatened releases of hazardous substances or petroleum products? For example:

   Do you know the past uses of the property?
   _____X___ Yes (describe)
   _____None_____
   _____
   _____ No

   Do you know of chemicals, hazardous substances or petroleum products that are present or once were present at the property?
   _____ Yes (describe) _____
   _____
   _____X___ No

   Do you know of spills or other releases of chemicals, hazardous substances or petroleum products that have taken place at the property?
   _____ Yes (describe) _____
   _____
   _____X___ No

   Do you know of any environmental cleanups that have taken place at the property?
   _____ Yes (describe) _____
   _____
   _____X_ No

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PHASE I ESA USER'S QUESTIONNAIRE

7. **The Degree of Obviousness of Contamination.** E1527-21 and the federal AAI rule (40 CFR 312.31) require that the Phase I ESA consider the degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation. Based on your knowledge and experience related to the property, are there any *obvious* indictors that point to the presence or likely presence of contamination at the property?

   _____ Yes (describe) _____
   _____
   _____X__ No

8. **Availability of Previous Environmental Reports.** Are you aware of previous environmental site assessment reports, other environmental reports, documents, correspondence, etc. concerning the property and its environmental condition?

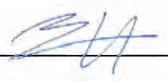
   _____ Yes (please identify and provide copies, if available) _____
   _____
   _____X__ No

9. **Proceedings Involving the Property.** Are you aware of any proceedings involving the property? For example:

   Are you aware of any pending, threatened or past litigation relevant to hazardous substances or petroleum products in, on or from the property?
   _____ Yes (describe) _____
   _____
   _____X__ No

   Are you aware of any pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property?
   _____ Yes (describe) _____
   _____
   _____X__ No

   Any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?
   _____ Yes (describe) _____
   _____
   _____X___ No

Signature: 

Name (printed): ____Bryce Holman_____

Title: __Authorized Signatory_____

Date: ___2/12/2025_____

Appendix C:
Government Records Report

Government Records Report | 2025

With Platinum Review

Order Number: 105524

Report Generated: 02/13/2025

Project Name: Airport Commerce Center

Project Number: 5901.0001

Airport Commerce Center
1211 Petrol Rd
Bakersfield, CA 93308

with Envirosite Atlas

Contact us at:
(866) 211-2028
envirositecorp.com

Table of Contents

2025

Section	Page
Executive Summary	1
Executive Summary by Distance	2
Executive Summary by Database	3
Property Proximity Map	17
Area Map	18
Map Findings Summary	19
Map Findings	23
Unmappable Summary	150
Environmental Records Searched	151
Geological Landscape Section	163
Geological Landscape Section Soil Map	166
Geological Landscape Section Summary	167
Geological Findings Map	178
Geological Landscape Section Map Findings	179
Geological Landscape Section Map Findings Radon	468
Geological Landscape Records Searched	469

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Envirosite Corporation has conducted a search of all reasonably ascertainable records in accordance with EPA's AAI (40 CFR Part 312) requirements and the ASTM E-1527-21 Environmental Site Assessments standard.

SUBJECT PROPERTY INFORMATION:

ADDRESS:

Airport Commerce Center
1211 Petrol Rd
Bakersfield, CA 93308

COORDINATES:

Latitude (North):	35.444251 - 35°26'39.3"
Longitude (West):	-119.042525 - -119°2'33.1"
Universal Transverse Mercator:	Zone 11N
UTM X (Meters):	314616.20
UTM Y (Meters):	3924227.28
State Plane Coordinates:	0405 - California Zone 5 (US Survey Feet)
X Coordinate (Feet):	6251133.114 E
Y Coordinate (Feet):	2349616.313 N

ELEVATION:

Elevation:	590 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH SUBJECT PROPERTY:

Subject Property Map: 35119-D1 Oildale, CA
Most Recent Revision: 2015

MAP ID	SITE NAME	ADDRESS	DATABASE(S)	RELATIVE ELEVATION	DIRECTION / DISTANCE
1	PARCEL MAP 12115	NW CORNER OF LANDINGS WAY...	CALEPA SITES - CA, CIWQS - CA, NPDES - CA, ...	Lower	WSW / 0.016 mi., 86 ft.
A2	LUFKIN INDUSTRIES INC | SOUTHERN ...	4730 AIRPORT DR	HAZNET - CA, HWG - CA	Higher	NE / 0.050 mi., 266 ft.
B3	WITCO CORP. TANK FARM	N R	CALEPA SITES - CA	Lower	SE / 0.051 mi., 270 ft.
4	SHELL BAKERSFIELD TANK FARM	SHELL TANK FARM	CALEPA SITES - CA	Higher	NW / 0.056 mi., 298 ft.
B5	WITCO CORP. TANK FARM | Northview...	7TH STANDARD RD & AIRPORT...	CALEPA SITES - CA, LUST REG 5 - CA, LUST_K...	Lower	SE / 0.060 mi., 315 ft.
6	SHELL PIPELINE COMPANY LP	SACO PIPELINE STATION RAI...	CALEPA SITES - CA	Higher	NE / 0.067 mi., 353 ft.
7	LANXESS SOLUTIONS US, INC. | TRIC...	4100 AIRPORT DR	CALEPA SITES - CA, CERCLIS-HIST, CORRACTS,...	Higher	E / 0.068 mi., 359 ft.
A8	LEONARD TAYLOR TRUCKING DBA BT...	1030 PETROL RD	HAZNET - CA, HWG - CA	Higher	NE / 0.087 mi., 458 ft.
A9	LIBERTY LIFT SOLUTIONS	4760 AIRPORT DR	HAZNET - CA, HWG - CA	Higher	NE / 0.088 mi., 465 ft.
A10	ELECTRICAL POWER SERVICES INC | R...	4842 AIRPORT DR	HAZNET - CA, HWG - CA	Higher	NE / 0.118 mi., 625 ft.
11	CALIBER COLLISION CENTER - BAKERS...	1322 CITATION WAY	CALEPA SITES - CA, HWG - CA, RCRA_NONGEN...	Lower	SW / 0.119 mi., 631 ft.
12	KS INDUSTRIES - FLEET | KS INDUSTRI...	900 PETROL RD	AST_KERN COUNTY - CA, CALEPA SITES - CA, ...	Higher	NE / 0.120 mi., 631 ft.
C13	ABATECO	850 PETROL RD	HAZNET - CA, HWG - CA, HWT - CA, RCRA_NONGEN	Higher	NE / 0.148 mi., 784 ft.
14	CHEVRON - NORTH MEADOWS AIRPO...	SOUTHEAST CORNER OF MERLE...	CALEPA SITES - CA, SLIC REG 5 - CA	Lower	SE / 0.166 mi., 877 ft.
C15	TOWERY AIR CONDITIONING INC	4813 ORTIZ CT	CALEPA SITES - CA	Higher	NE / 0.178 mi., 943 ft.
C16	SWPP USA INC	4804 ORTIZ CT STE A	HAZNET - CA, HWG - CA	Higher	NE / 0.181 mi., 954 ft.
D17	KS FABRICATION & MACHINE	5014 AIRPORT DR	CALEPA SITES - CA, HAZNET - CA, HWG - CA, ...	Higher	NNE / 0.197 mi., 1042...
E18	PARCEL MAP 12146 - PHASE 1	MERLE HAGGARD DRIVE BETWE...	CALEPA SITES - CA	Lower	SW / 0.205 mi., 1082 ft.
19	AMAZON.COM SERVICES LLC - BFL1 | ...	1601 PETROL RD | 1601 PER...	AST_KERN COUNTY - CA, CALEPA SITES - CA, ...	Lower	WNW / 0.205 mi., 108...
D20	KS INDUSTRIES LP | KEN SMALL OILFI...	5024 AIRPORT DR	AST_KERN COUNTY - CA, CALEPA SITES - CA, ...	Higher	NE / 0.206 mi., 1089 ft.
C21	PRECISION AIR SYSTEMS INC | DOTY ...	4808 ORTIZ CT SUITE A | 4...	HAZNET - CA, HWG - CA, RCRA_NONGEN	Higher	NE / 0.207 mi., 1095 ft.
E22	VTPM 12146 PHASE 2 PARCEL 11	BETWEEN WINGS WAY AND AIR...	CALEPA SITES - CA	Lower	SSW / 0.209 mi., 1105...
23	VTTM 7234 | VTTM 7234 BLACK OPS ...	AIRPORT DRIVE & MOON MEAD...	CALEPA SITES - CA	Lower	SSE / 0.210 mi., 1109 ft.
E24	SUNBELT RENTALS PC 1449 | MICHAE...	1260 CITATION WAY | 1201 ...	HWG - CA, RCRA_NONGEN	Lower	SSW / 0.211 mi., 1112...
25	SAN PABLO BAY PIPELINE COMPANY L...	1801 PETROL RD | 1801 Pet...	AST_KERN COUNTY - CA, CALEPA SITES - CA, ...	Lower	NW / 0.220 mi., 1160 ft.
26	AKA TIM SMITH | BOWSER ENTERPRIS...	1415 JAMES RD	HAZNET - CA, HWG - CA	Higher	NE / 0.222 mi., 1171 ft.
D27	AT&T CORP. - SA2FH	5053 AIRPORT DR	CALEPA SITES - CA	Higher	NNE / 0.248 mi., 1311...
28	HIGHLAND KNOLLS SCHOOL SITE | HI...	HAVEN RIO DEL NORTE	ENVIROSTOR - CA, NFA - CA	Higher	E / 0.383 mi., 2021 ft.
F29	MEADOWS FIELD AIRPORT | DAL GLO...	3701 WINGS WAY | 3701 WIN...	PFAS - CA, SLIC REG 5 - CA	Lower	WSW / 0.449 mi., 2369...
F30	CHEVRON MOTOR TRANSPORT	BAKERSFIELD TERMINAL	LUST REG 5 - CA, LUST_KERN COUNTY - CA	Lower	WSW / 0.461 mi., 2433...
31	Bakersfield Municipal Airport - (J09CA...	35.427778, -119.044444	ENVIROSTOR - CA, FUDS	Lower	S / 0.938 mi., 4955 ft.

SUBJECT PROPERTY SEARCH RESULTS:

The subject property was not listed in any of the databases searched by Envirosite Corporation.

SEARCH RESULTS:

FEDERAL, STATE, AND TRIBAL REGISTERED STORAGE TANK LISTS

AST_KERN COUNTY - CA: Kern County aboveground storage tank sites 4 SITES FOUND WITHIN .25 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
12	*KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.*	*900 PETROL RD*	*NE / 0.120 mi., 631 ft.*	*58*
	- ID: FA0002404	Status: Active, billable	Date: N/R	
D20	*KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K. S. FABRICATION & MACHINE INC.*	*5024 AIRPORT DR*	*NE / 0.206 mi., 1089 ft.*	*95*
	- ID: FA0002404	Status: Active, billable	Date: 2016-09-14	

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
19	*AMAZON.COM SERVICES LLC - BFL1 | AMAZON.COM SERVICES INC | AMAZON.COM SERVICES LLC (BFL1)*	*1601 PETROL RD | 1601 PERTROL RD | 1601 PETROL RD PO BOX 80842*	*WNW / 0.205 mi., 1085 ft.*	*90*
	- ID: FA0048699	Status: Active, billable	Date: N/R	
25	*SAN PABLO BAY PIPELINE COMPANY LLC- BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION*	*1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm*	*NW / 0.220 mi., 1160 ft.*	*116*
	- ID: FA0001141	Status: Active, billable	Date: N/R	

HIST AST - CA: Historical listing of tank facilities that are subject to the California Aboveground Petroleum Storage Act 3 SITES FOUND WITHIN .25 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
7	*LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION*	*4100 AIRPORT DR*	*E / 0.068 mi., 359 ft.*	*31*
D20	*KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K. S. FABRICATION & MACHINE INC.*	*5024 AIRPORT DR*	*NE / 0.206 mi., 1089 ft.*	*95*

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
25	*SAN PABLO BAY PIPELINE COMPANY LLC- BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION*	*1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm*	*NW / 0.220 mi., 1160 ft.*	*116*

FEDERAL, STATE, AND TRIBAL REGISTERED STORAGE TANK LISTS *(cont.)*

HIST UST - CA: Historical UST listing 2 SITES FOUND WITHIN .25 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
12	*KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.*	*900 PETROL RD*	*NE / 0.120 mi., 631 ft.*	*58*

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
25	*SAN PABLO BAY PIPELINE COMPANY LLC- BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION*	*1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm*	*NW / 0.220 mi., 1160 ft.*	*116*

HIST UST_KERN COUNTY - CA: List of Kern County underground storage tank records that is no longer in current agency list. 1 SITE FOUND WITHIN .25 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
D20	*KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K. S. FABRICATION & MACHINE INC.*	*5024 AIRPORT DR*	*NE / 0.206 mi., 1089 ft.*	*95*

UST - CA: Listing of active underground storage tank facilities 2 SITES FOUND WITHIN .25 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
12	*KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.*	*900 PETROL RD*	*NE / 0.120 mi., 631 ft.*	*58*
D20	*KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K. S. FABRICATION & MACHINE INC.*	*5024 AIRPORT DR*	*NE / 0.206 mi., 1089 ft.*	*95*

UST_KERN COUNTY - CA: Kern County underground storage tank sites 3 SITES FOUND WITHIN .25 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
12	*KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.*	*900 PETROL RD*	*NE / 0.120 mi., 631 ft.*	*58*
	- ID: FA0002404	Status: Active, billable	Date: N/A	
	- ID: FA0004491	Status: Inactive, non-billable	Date: N/A	
D20	*KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K. S. FABRICATION & MACHINE INC.*	*5024 AIRPORT DR*	*NE / 0.206 mi., 1089 ft.*	*95*
	- ID: FA0002404	Status: Active, billable	Date: N/A	

FEDERAL, STATE, AND TRIBAL REGISTERED STORAGE TANK LISTS *(cont.)*

UST_KERN COUNTY - CA: Kern County underground storage tank sites 3 SITES FOUND WITHIN .25 MILE

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
25	*SAN PABLO BAY PIPELINE COMPANY LLC- BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION*	*1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm*	*NW / 0.220 mi., 1160 ft.*	*116*
	- ID: FA0001141	Status: Inactive, non-billable	Date: N/A	

FEDERAL CERCLIS LIST

CERCLIS-HIST: The CERCLIS program database contains information on the assessment and remediation of federal hazardous waste sites. The Environmental Protection Agency decommissioned the CERCLIS data in 2014. The last update was November 12, 2013. 1 SITE FOUND WITHIN .5 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
7	*LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION*	*4100 AIRPORT DR*	*E / 0.068 mi., 359 ft.*	*31*
	- ID: CAD980636856	Status: NFRAP-Site does not qualify for the NPL based on existing information	Date: 2013-03-29	

FEDERAL RCRA CORRACTS FACILITIES LIST

CORRACTS: List of facilities where Resource Conservation and Recovery Act Corrective Action Program used to investigate and remediate hazardous releases 1 SITE FOUND WITHIN 1 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
7	*LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION*	*4100 AIRPORT DR*	*E / 0.068 mi., 359 ft.*	*31*
	- ID: CAT080018658	Status: N/A	Date: N/A	
	- ID: N/R	Status: RFA COMPLETED-ASSESSMENT WAS A RFA	Date: 1997-06-30	
	- ID: ENTIRE FACILITY	Status: CA PRIORITIZATION-MEDIUM CA PRIORITY	Date: 1992-05-18	
	- ID: ENTIRE FACILITY	Status: STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION	Date: 1992-05-18	
	- ID: ENTIRE FACILITY	Status: CA PRIORITIZATION-MEDIUM CA PRIORITY	Date: 1992-03-31	
	There are an additional 6 status records, see site details.			

FEDERAL RCRA GENERATORS LIST

RCRA_LQG: Resource Conservation and Recovery Act listing of licensed large quantity generators 1 SITE FOUND WITHIN .25 MILE

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
19	*AMAZON.COM SERVICES LLC - BFL1 | AMAZON.COM SERVICES INC | AMAZON.COM SERVICES LLC (BFL1)*	*1601 PETROL RD | 1601 PERTROL RD | 1601 PETROL RD PO BOX 80842*	*WNW / 0.205 mi., 1085 ft.*	*90*
	- ID: CAR000309898	Status: No Violation/Inspections	Date: N/A	

RCRA_NONGEN: Resource Conservation and Recovery Act listing of licensed non-generators 6 SITES FOUND WITHIN .25 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
12	*KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.*	*900 PETROL RD*	*NE / 0.120 mi., 631 ft.*	*58*
	- ID: CAD059785352	Status: No Violation/Inspections	Date: N/A	
	- ID: CAL000272907	Status: No Violation/Inspections	Date: N/A	
	- ID: CAD980880983	Status: No Violation/Inspections	Date: N/A	
C13	*ABATECO*	*850 PETROL RD*	*NE / 0.148 mi., 784 ft.*	*78*
	- ID: CAL000027542	Status: No Violation/Inspections	Date: N/A	
D17	*KS FABRICATION & MACHINE*	*5014 AIRPORT DR*	*NNE / 0.197 mi., 1042 ft.*	*87*
	- ID: CAL000406409	Status: No Violation/Inspections	Date: N/A	
C21	*PRECISION AIR SYSTEMS INC | DOTY BROTHERS EQUIPMENT COMPANY | SUBSURFACE OILFIELD SPECIALISTS*	*4808 ORTIZ CT SUITE A | 4808 ORTIZ CT BLDG C | 4808 ORTIZ CT UNIT B2*	*NE / 0.207 mi., 1095 ft.*	*105*
	- ID: CAC003183920	Status: No Violation/Inspections	Date: N/A	
	- ID: CAL000339298	Status: No Violation/Inspections	Date: N/A	

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
11	*CALIBER COLLISION CENTER - BAKERSFIELD - AIRPORT 1279 | CALIBER COLLISION CENTERS*	*1322 CITATION WAY*	*SW / 0.119 mi., 631 ft.*	*53*
	- ID: CAL000471164	Status: No Violation/Inspections	Date: N/A	
E24	*SUNBELT RENTALS PC 1449 | MICHAEL GIGLIELLO*	*1260 CITATION WAY | 1201 CITATION WAY | 1201 CITATION WAY SILVER WINGS INDUSTRIAL PARK*	*SSW / 0.211 mi., 1112 ft.*	*112*
	- ID: CAC003096403	Status: No Violation/Inspections	Date: N/A	
	- ID: CAL000479895	Status: No Violation/Inspections	Date: N/A	

FEDERAL RCRA GENERATORS LIST *(cont.)*

RCRA_SQG: Resource Conservation and Recovery Act listing of licensed small quantity generators 4 SITES FOUND WITHIN .25 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
7	*LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION*	*4100 AIRPORT DR*	*E / 0.068 mi., 359 ft.*	*31*
	- ID: CAT080018658	Status: TSD - Closure/Post-Closure	Date: Violation 1992-07-30 - Achieved Compliance 1992-07-31	
	- ID: CAT080018658	Status: TSD - Financial Requirements	Date: Violation 1992-07-30 - Achieved Compliance 1992-07-31	
	- ID: CAT080018658	Status: No Violation/Inspections	Date: N/A	
12	*KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.*	*900 PETROL RD*	*NE / 0.120 mi., 631 ft.*	*58*
	- ID: CAD981973464	Status: No Violation/Inspections	Date: N/A	

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
11	*CALIBER COLLISION CENTER - BAKERSFIELD - AIRPORT 1279 | CALIBER COLLISION CENTERS*	*1322 CITATION WAY*	*SW / 0.119 mi., 631 ft.*	*53*
	- ID: CAR000372052	Status: No Violation/Inspections	Date: N/A	
25	*SAN PABLO BAY PIPELINE COMPANY LLC- BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP- BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION*	*1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm*	*NW / 0.220 mi., 1160 ft.*	*116*
	- ID: CAD981435506	Status: State Statute or Regulation	Date: Violation 2024-05-15 - Achieved Compliance 2024-05-16	
	- ID: CAD981435506	Status: State Statute or Regulation	Date: Violation 2024-05-15 - Achieved Compliance N/R	
	- ID: CAD981435506	Status: State Statute or Regulation	Date: Violation 2024-05-15 - Achieved Compliance 2024-06-04	
	- ID: CAD981435506	Status: Universal Waste - General	Date: Violation 2016-03-22 - Achieved Compliance 2016-07-01	
	- ID: CAD981435506	Status: No Violation/Inspections	Date: N/A	

FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS

LUST REG 5 - CA: Leaking underground storage tanks in Region 5: Modoc Shasta Lassen Plumas Butte Glen Colusa Lake Sutter Yuba Sierra Nevada Placer Yolo Napa (Northeast) Solano (West) Sacramento El Dorado Amador Calaveras San Joaquin Contra Costa (East) Stanislaus Toulumne Merced Mariposa Madera Kings Fresno Tulare Kern (Very small portions of San Benito and SanLuis Obispo) counties 5 SITES FOUND WITHIN .5 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
12	*KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.*	*900 PETROL RD*	*NE / 0.120 mi., 631 ft.*	*58*
	- ID: T0602900159	Status: Completed - Case Closed	Date: 1990-06-14	
D20	*KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K. S. FABRICATION & MACHINE INC.*	*5024 AIRPORT DR*	*NE / 0.206 mi., 1089 ft.*	*95*
	- ID: T0602900131	Status: Completed - Case Closed	Date: 1991-01-30	

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
B5	*WITCO CORP. TANK FARM | Northview Meadows*	*7TH STANDARD RD & AIRPORT | Airport Dr and Merle Haggard Dr*	*SE / 0.060 mi., 315 ft.*	*27*
	- ID: T0602900341	Status: Completed - Case Closed	Date: 1990-12-19	
25	*SAN PABLO BAY PIPELINE COMPANY LLC- BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP- BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION*	*1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm*	*NW / 0.220 mi., 1160 ft.*	*116*
	- ID: T0602900002	Status: Completed - Case Closed	Date: 1989-02-24	
F30	*CHEVRON MOTOR TRANSPORT*	*BAKERSFIELD TERMINAL*	*WSW / 0.461 mi., 2433 ft.*	*143*
	- ID: T0602900357	Status: Completed - Case Closed	Date: 1993-05-10	

LUST_KERN COUNTY - CA: Kern County leaking underground tank sites 5 SITES FOUND WITHIN .5 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
12	*KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.*	*900 PETROL RD*	*NE / 0.120 mi., 631 ft.*	*58*
	- ID: T0602900159	Status: COMPLETED - CASE CLOSED	Date: 1990-06-14	
D20	*KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K. S. FABRICATION & MACHINE INC.*	*5024 AIRPORT DR*	*NE / 0.206 mi., 1089 ft.*	*95*
	- ID: T0602900131	Status: COMPLETED - CASE CLOSED	Date: 1991-01-30	

FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS *(cont.)*

LUST_KERN COUNTY - CA: Kern County leaking underground tank sites 5 SITES FOUND WITHIN .5 MILE

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
B5	*WITCO CORP. TANK FARM | Northview Meadows*	*7TH STANDARD RD & AIRPORT | Airport Dr and Merle Haggard Dr*	*SE / 0.060 mi., 315 ft.*	*27*
	- ID: T0602900341	Status: COMPLETED - CASE CLOSED	Date: 1990-12-19	
25	*SAN PABLO BAY PIPELINE COMPANY LLC- BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION*	*1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm*	*NW / 0.220 mi., 1160 ft.*	*116*
	- ID: T0602900002	Status: COMPLETED - CASE CLOSED	Date: 1989-02-24	
F30	*CHEVRON MOTOR TRANSPORT*	*BAKERSFIELD TERMINAL*	*WSW / 0.461 mi., 2433 ft.*	*143*
	- ID: T0602900357	Status: COMPLETED - CASE CLOSED	Date: 1993-05-10	

SLIC REG 5 - CA: List of Region 5 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database. 2 SITES FOUND WITHIN .5 MILE

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
14	*CHEVRON - NORTH MEADOWS/AIRPORT PLAZA PROPERTY*	*SOUTHEAST CORNER OF MERLE HAGGARD DRIVE AND AIRPORT DRIVE*	*SE / 0.166 mi., 877 ft.*	*81*
	- ID: SLT5FS004420	Status: Completed - Case Closed	Date: 2017-10-12	
F29	*MEADOWS FIELD AIRPORT | DAL GLOBAL SERVICES LLC BFL | ENTERPRISE RENT A CAR*	*3701 WINGS WAY | 3701 WINGS WAY SUITE 300 | 3701 WINGS WAY STE 233*	*WSW / 0.449 mi., 2369 ft.*	*141*
	- ID: T10000012776	Status: Open - Site Assessment	Date: 2021-04-23	

STATE- AND TRIBAL - EQUIVALENT CERCLIS

ENVIROSTOR - CA: Department of Toxic Substances Controls 3 SITES FOUND WITHIN 1 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
7	*LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION*	*4100 AIRPORT DR*	*E / 0.068 mi., 359 ft.*	*31*
	- ID: N/R	Status: KNOWN GENERATORS - LAND USE RESTRICTIONS	Date: Cleanup Date N/R	
	- ID: 80001851	Status: Certified O&M - Land Use Restrictions Only	Date: Cleanup Date 2002-01-10	
28	*HIGHLAND KNOLLS SCHOOL SITE | HIGHLAND KNOLLS SCHO*	*HAVEN/RIO DEL NORTE*	*E / 0.383 mi., 2021 ft.*	*138*
	- ID: 15650003	Status: No Further Action	Date: Cleanup Date 2007-06-19	

STATE- AND TRIBAL - EQUIVALENT CERCLIS *(cont.)*

ENVIROSTOR - CA: Department of Toxic Substances Controls 3 SITES FOUND WITHIN 1 MILE

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
31	*Bakersfield Municipal Airport - (i09CA0230) | BAKERSFIELD MUNICIPAL AIRPORT*	*35.427778, -119.044444*	*S / 0.938 mi., 4955 ft.*	*147*
	- ID: 80000136	Status: Inactive - Needs Evaluation	Date: Cleanup Date 2014-10-23	

STATE RCRA GENERATORS LIST

HWG - CA: Hazardous waste generator listing 16 SITES FOUND WITHIN .25 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
A2	*LUFKIN INDUSTRIES INC | SOUTHERN SIERRA GENERAL ENGINEERING INC*	*4730 AIRPORT DR*	*NE / 0.050 mi., 266 ft.*	*24*
7	*LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION*	*4100 AIRPORT DR*	*E / 0.068 mi., 359 ft.*	*31*
A8	*LEONARD TAYLOR TRUCKING DBA BT VACUUM SER | B AND T VACUUM SERVICE*	*1030 PETROL RD*	*NE / 0.087 mi., 458 ft.*	*49*
A9	*LIBERTY LIFT SOLUTIONS*	*4760 AIRPORT DR*	*NE / 0.088 mi., 465 ft.*	*50*
A10	*ELECTRICAL POWER SERVICES INC | R TRUCKING*	*4842 AIRPORT DR*	*NE / 0.118 mi., 625 ft.*	*51*
12	*KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.*	*900 PETROL RD*	*NE / 0.120 mi., 631 ft.*	*58*
C13	*ABATECO*	*850 PETROL RD*	*NE / 0.148 mi., 784 ft.*	*78*
C16	*SWPP USA INC*	*4804 ORTIZ CT STE A*	*NE / 0.181 mi., 954 ft.*	*85*
D17	*KS FABRICATION & MACHINE*	*5014 AIRPORT DR*	*NNE / 0.197 mi., 1042 ft.*	*87*
D20	*KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K. S. FABRICATION & MACHINE INC.*	*5024 AIRPORT DR*	*NE / 0.206 mi., 1089 ft.*	*95*
C21	*PRECISION AIR SYSTEMS INC | DOTY BROTHERS EQUIPMENT COMPANY | SUBSURFACE OILFIELD SPECIALISTS*	*4808 ORTIZ CT SUITE A | 4808 ORTIZ CT BLDG C | 4808 ORTIZ CT UNIT B2*	*NE / 0.207 mi., 1095 ft.*	*105*
26	*AKA TIM SMITH | BOWSER ENTERPRISES INC. | GUADALUPE ORNELAS*	*1415 JAMES RD*	*NE / 0.222 mi., 1171 ft.*	*134*

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
11	*CALIBER COLLISION CENTER - BAKERSFIELD - AIRPORT 1279 | CALIBER COLLISION CENTERS*	*1322 CITATION WAY*	*SW / 0.119 mi., 631 ft.*	*53*
19	*AMAZON.COM SERVICES LLC - BFL1 | AMAZON.COM SERVICES INC | AMAZON.COM SERVICES LLC (BFL1)*	*1601 PETROL RD | 1601 PERTROL RD | 1601 PETROL RD PO BOX 80842*	*WNW / 0.205 mi., 1085 ft.*	*90*
E24	*SUNBELT RENTALS PC 1449 | MICHAEL GIGLIELLO*	*1260 CITATION WAY | 1201 CITATION WAY | 1201 CITATION WAY SILVER WINGS INDUSTRIAL PARK*	*SSW / 0.211 mi., 1112 ft.*	*112*

STATE RCRA GENERATORS LIST *(cont.)*

HWG - CA: Hazardous waste generator listing 16 SITES FOUND WITHIN .25 MILE

LOWER ELEVATION *(cont.)*

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
25	*SAN PABLO BAY PIPELINE COMPANY LLC- BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP- BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION*	*1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm*	*NW / 0.220 mi., 1160 ft.*	*116*

OTHER ASCERTAINABLE RECORDS

FUDS: Defense sites that require cleanup 1 SITE FOUND WITHIN 1 MILE

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
31	*Bakersfield Municipal Airport - (J09CA0230) | BAKERSFIELD MUNICIPAL AIRPORT*	*35.427778, -119.044444*	*S / 0.938 mi., 4955 ft.*	*147*

CALEPA SITES - CA: CalEPA Regulated Sites from the Certified Unified Program Agencies (CUPA). 18 SITES FOUND WITHIN .25 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
4	SHELL BAKERSFIELD TANK FARM	SHELL TANK FARM	NW / 0.056 mi., 298 ft.	*27*
6	SHELL PIPELINE COMPANY LP	SACO PIPELINE STATION/RAILCAR	NE / 0.067 mi., 353 ft.	*31*
7	*LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION*	*4100 AIRPORT DR*	*E / 0.068 mi., 359 ft.*	*31*
12	*KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.*	*900 PETROL RD*	*NE / 0.120 mi., 631 ft.*	*58*
C15	TOWERY AIR CONDITIONING INC	4813 ORTIZ CT	NE / 0.178 mi., 943 ft.	*85*
D17	*KS FABRICATION & MACHINE*	*5014 AIRPORT DR*	*NNE / 0.197 mi., 1042 ft.*	*87*
D20	*KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K. S. FABRICATION & MACHINE INC.*	*5024 AIRPORT DR*	*NE / 0.206 mi., 1089 ft.*	*95*
D27	AT&T CORP. - SA2FH	5053 AIRPORT DR	NNE / 0.248 mi., 1311 ft.	*138*

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
1	*PARCEL MAP 12115*	*NW CORNER OF LANDINGS WAY AND MERLE HAGGARD DRIVE*	*WSW / 0.016 mi., 86 ft.*	*23*
B3	WITCO CORP. TANK FARM	N/R	SE / 0.051 mi., 270 ft.	*26*
B5	*WITCO CORP. TANK FARM | Northview Meadows*	*7TH STANDARD RD & AIRPORT | Airport Dr and Merle Haggard Dr*	*SE / 0.060 mi., 315 ft.*	*27*
11	*CALIBER COLLISION CENTER - BAKERSFIELD - AIRPORT 1279 | CALIBER COLLISION CENTERS*	*1322 CITATION WAY*	*SW / 0.119 mi., 631 ft.*	*53*
14	*CHEVRON - NORTH MEADOWS/AIRPORT PLAZA PROPERTY*	*SOUTHEAST CORNER OF MERLE HAGGARD DRIVE AND AIRPORT DRIVE*	*SE / 0.166 mi., 877 ft.*	*81*

OTHER ASCERTAINABLE RECORDS *(cont.)*

CALEPA SITES - CA: CalEPA Regulated Sites from the Certified Unified Program Agencies (CUPA). 18 SITES FOUND WITHIN .25 MILE

LOWER ELEVATION *(cont.)*

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
E18	PARCEL MAP 12146 - PHASE 1	MERLE HAGGARD DRIVE BETWEEN WINGS WAY AND AIRPORT DRIVE | MERLE HAGGARD DRIVE	SW / 0.205 mi., 1082 ft.	*90*
19	*AMAZON.COM SERVICES LLC - BFL1 | AMAZON.COM SERVICES INC | AMAZON.COM SERVICES LLC (BFL1)*	*1601 PETROL RD | 1601 PERTROL RD | 1601 PETROL RD PO BOX 80842*	*WNW / 0.205 mi., 1085 ft.*	*90*
E22	VTPM 12146 PHASE 2 PARCEL 11	BETWEEN WINGS WAY AND AIRPORT DRIVE	SSW / 0.209 mi., 1105 ft.	*111*
23	VTTM 7234 | VTTM 7234 BLACK OPS AIRPORT	AIRPORT DRIVE & MOON MEADOW DRIVE	SSE / 0.210 mi., 1109 ft.	*112*
25	*SAN PABLO BAY PIPELINE COMPANY LLC- BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION*	*1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm*	*NW / 0.220 mi., 1160 ft.*	*116*

HAZNET - CA: Listing of hazardous waste manifests from when hazardous waste is transported from generators to permitted recycling treatment storage or disposal facilities by registered hazardous waste transporters 14 SITES FOUND WITHIN .25 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
A2	*LUFKIN INDUSTRIES INC | SOUTHERN SIERRA GENERAL ENGINEERING INC*	*4730 AIRPORT DR*	*NE / 0.050 mi., 266 ft.*	*24*
7	*LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION*	*4100 AIRPORT DR*	*E / 0.068 mi., 359 ft.*	*31*
A8	*LEONARD TAYLOR TRUCKING DBA BT VACUUM SER | B AND T VACUUM SERVICE*	*1030 PETROL RD*	*NE / 0.087 mi., 458 ft.*	*49*
A9	*LIBERTY LIFT SOLUTIONS*	*4760 AIRPORT DR*	*NE / 0.088 mi., 465 ft.*	*50*
A10	*ELECTRICAL POWER SERVICES INC | R TRUCKING*	*4842 AIRPORT DR*	*NE / 0.118 mi., 625 ft.*	*51*
12	*KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.*	*900 PETROL RD*	*NE / 0.120 mi., 631 ft.*	*58*
C13	*ABATECO*	*850 PETROL RD*	*NE / 0.148 mi., 784 ft.*	*78*
C16	*SWPP USA INC*	*4804 ORTIZ CT STE A*	*NE / 0.181 mi., 954 ft.*	*85*
D17	*KS FABRICATION & MACHINE*	*5014 AIRPORT DR*	*NNE / 0.197 mi., 1042 ft.*	*87*
D20	*KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K. S. FABRICATION & MACHINE INC.*	*5024 AIRPORT DR*	*NE / 0.206 mi., 1089 ft.*	*95*
C21	*PRECISION AIR SYSTEMS INC | DOTY BROTHERS EQUIPMENT COMPANY | SUBSURFACE OILFIELD SPECIALISTS*	*4808 ORTIZ CT SUITE A | 4808 ORTIZ CT BLDG C | 4808 ORTIZ CT UNIT B2*	*NE / 0.207 mi., 1095 ft.*	*105*
26	*AKA TIM SMITH | BOWSER ENTERPRISES INC. | GUADALUPE ORNELAS*	*1415 JAMES RD*	*NE / 0.222 mi., 1171 ft.*	*134*

OTHER ASCERTAINABLE RECORDS *(cont.)*

HAZNET - CA: Listing of hazardous waste manifests from when hazardous waste is transported from generators to permitted recycling treatment storage or disposal facilities by registered hazardous waste transporters 14 SITES FOUND WITHIN .25 MILE

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
19	*AMAZON.COM SERVICES LLC - BFL1 | AMAZON.COM SERVICES INC | AMAZON.COM SERVICES LLC (BFL1)*	*1601 PETROL RD | 1601 PERTROL RD | 1601 PETROL RD PO BOX 80842*	*WNW / 0.205 mi., 1085 ft.*	*90*
25	*SAN PABLO BAY PIPELINE COMPANY LLC- BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION*	*1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm*	*NW / 0.220 mi., 1160 ft.*	*116*

HIST HWP - CA: List of the Department of Toxic Substance Control's hazardous waste transporters and corrective action that are no longer in current agency list. 1 SITE FOUND WITHIN 1 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
7	*LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION*	*4100 AIRPORT DR*	*E / 0.068 mi., 359 ft.*	*31*
	- ID: CAT080018658	Status: CLOSED - LAND USE RESTRICTIONS	Date: N/R	

HWP - CA: Facility listing of the Department of Toxic Substance Control's hazardous waste transporters and corrective action 1 SITE FOUND WITHIN 1 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
7	*LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION*	*4100 AIRPORT DR*	*E / 0.068 mi., 359 ft.*	*31*

HWT - CA: Listing of registered hazardous waste transporters 1 SITE FOUND WITHIN .25 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
C13	*ABATECO*	*850 PETROL RD*	*NE / 0.148 mi., 784 ft.*	*78*

NFA - CA: No further action cleanup sites listing 1 SITE FOUND WITHIN .5 MILE

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
28	*HIGHLAND KNOLLS SCHOOL SITE | HIGHLAND KNOLLS SCHO*	*HAVEN/RIO DEL NORTE*	*E / 0.383 mi., 2021 ft.*	*138*

PFAS - CA: List of PFAS sites and areas of interest 1 SITE FOUND WITHIN .5 MILE

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
F29	*MEADOWS FIELD AIRPORT | DAL GLOBAL SERVICES LLC BFL | ENTERPRISE RENT A CAR*	*3701 WINGS WAY | 3701 WINGS WAY SUITE 300 | 3701 WINGS WAY STE 233*	*WSW / 0.449 mi., 2369 ft.*	*141*

No unmappable sites reported.

DATABASE(S) WITH NO MAPPED SITES:

FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST

ARCHIVED RCRA TSDF	Archived Resource Conservation and Recovery Act: Treatment Storage and Disposal Facilities
RCRA_TSDF	Resource Conservation and Recovery Act: Treatment Storage and Disposal Facilities

FEDERAL, STATE, AND TRIBAL REGISTERED STORAGE TANK LISTS

FEMA UST	FEMA Underground Storage Tanks
FID UST - CA	Facility Inventory Database

FEDERAL CERCLIS LIST

CERCLIS NFRAP	Comprehensive Environmental Response Compensation and Liability Act No Further Remedial Action Planned
FEDERAL FACILITY	Federal Facility sites

FEDERAL RCRA CORRACTS FACILITIES LIST

HIST CORRACTS 2	Historical Hazardous Waste Corrective Action

FEDERAL DELISTED NPL SITE LIST

DELISTED NPL	Delisted National Priority List

FEDERAL ERNS LIST

ERNS	Emergency Response Notification System

FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

FED E C	Engineering Controls
FED I C	Institutional Controls
RCRA IC_EC	RCRA sites with Institutional and Engineering Controls

FEDERAL RCRA GENERATORS LIST

HIST RCRA_CESQG	Historical Resource Conservation and Recovery Act_Conditionally Exempt Small Quantity Generators
HIST RCRA_LQG	Historical Resource Conservation and Recovery Act_ Large Quantity Generators
HIST RCRA_NONGEN	Historical Resource Conservation and Recovery Act_Non Generators
HIST RCRA_SQG	Historical Resource Conservation and Recovery Act_Small Quantity Generators
RCRA_VSQG	Resource Conservation and Recovery Act_Very Small Quantity Generator

FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS

INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land in EPA Region 9
LUST REG 3 - CA	Region 3 Leaking Underground Storage Tanks
LUST REG 4 - CA	Region 4 Leaking Underground Storage Tanks
LUST REG 6 - CA	Region 6 Leaking Underground Storage Tanks
SLIC REG 3 - CA	Spills Leaks Investigation & Cleanup Program
SLIC REG 4 - CA	Spills Leaks Investigation & Cleanup Program
SLIC REG 6 - CA	Spills Leaks Investigation & Cleanup Program

FEDERAL NPL SITE LIST

NPL	National Priority List
NPL EPA R9 GIS	GIS for EPA Region 9 NPL
SEMS_FINAL NPL	Sites included on the Final National Priorities List
SEMS_PROPOSED NPL	Sites Proposed to be Added to the National Priorities List

STATE- AND TRIBAL - EQUIVALENT CERCLIS

OIL & GAS CLEANUP - CA	SWRCB Oil & Gas Cleanup Sites
SWRCB CLEANUP - CA	SWRCB Cleanup Program
TOXIC PITS - CA	Toxic Pits Cleanup Act

STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

SWF/LF - CA	Solid Waste Information System

STATE AND TRIBAL BROWNFIELD SITES

TRIBAL BROWNFIELDS	Tribal Brownfields

LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES

CDL - CA	Meth and Clandestine Drug Labs
SCH - CA	School Property Evaluation Program

LOCAL BROWNFIELD LISTS

FED BROWNFIELDS	Federal Brownfields

LOCAL LAND RECORDS

LIENS 2	CERCLA Lien Information
HIST LIENS - CA	Historical Liens
LIENS - CA	Liens

RECORDS OF EMERGENCY RELEASE REPORTS

HMIRS (DOT)	Hazardous Materials Information Reporting Systems

LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES

TRIBAL ODI	Indian Open Dump Inventory Sites

OTHER ASCERTAINABLE RECORDS

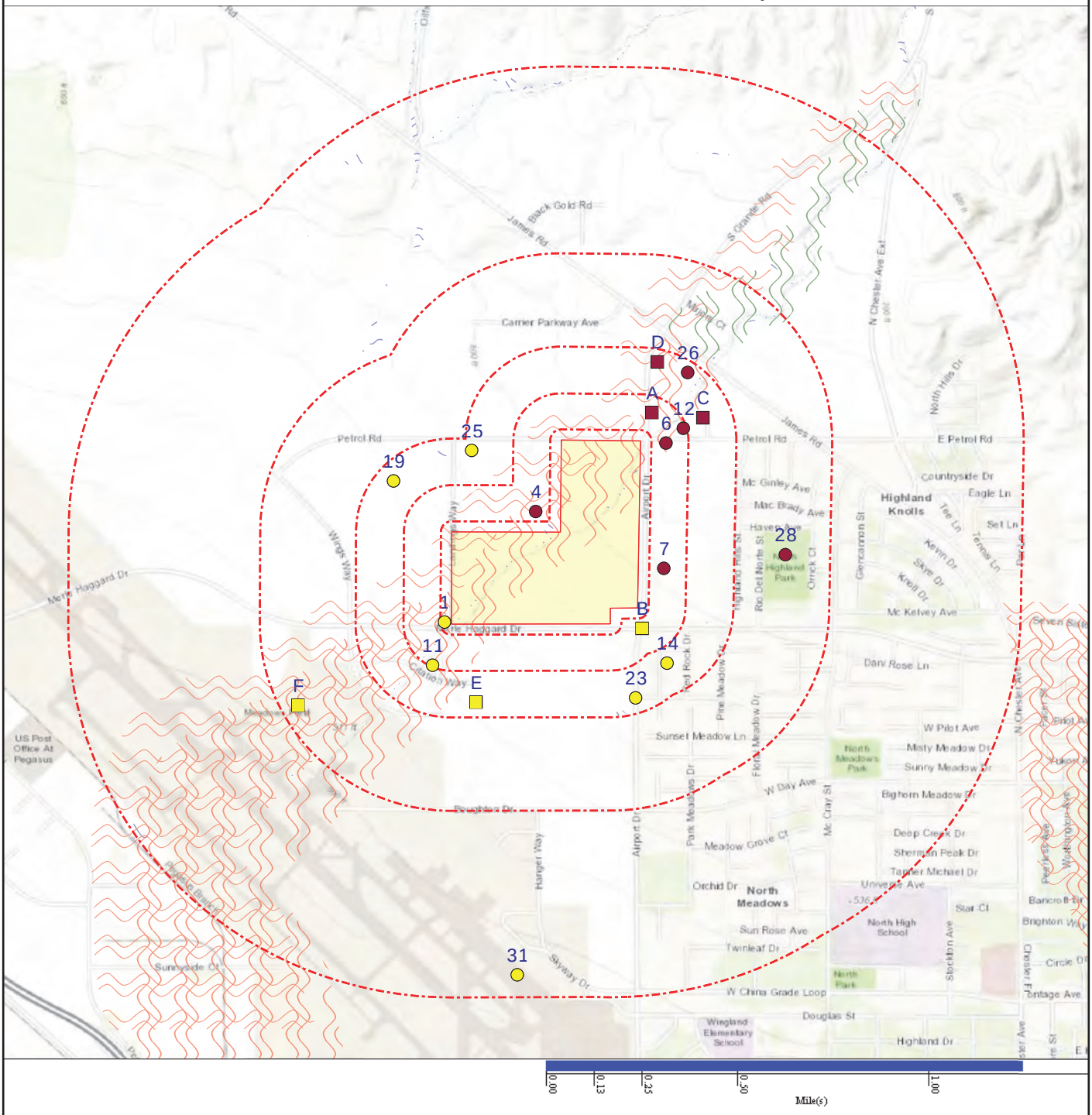
COAL GAS	Coal Gas Plants
CORRECTIVE ACTIONS_2020	Wastes - Hazardous Waste - Corrective Action
DOD	Department of Defense
ECHO	EPA Enforcement and Compliance History Online
HIST DOD	Department of Defense historical sites
ICIS	Integrated Compliance Information System
LUCIS	Land Use Control Information Systems
LUCIS 2	Land Use Control Information Systems 2
NPL AOC	Areas related to NPL remediation sites
NPL LIENS	National Priority List Liens
PADS	PCB Activity Database Systems
PCB TRANSFORMER	Polychlorinated Biphenyl (PCB) Waste
PFAS NPL	PFAS NPL Sites
PFAS TRIS	PFAS TRIS Sites
PFAS UCMR3	PFAS UCMR Samples
CIWQS - CA	California Integrated Water Quality System
CIWQS 2 - CA	California Integrated Water Quality System
DRYCLEANERS - CA	Drycleaners
DRYCLEANERS_EASTERN KERN COUNTY - CA	Eastern Kern County Drycleaners
FA - CA	Financial Assurance
FA 2 - CA	Financial Assurance for Solid Waste Facilities
HIST HAZNET - CA	Historical Hazardous Waste Manifests
HIST LDS - CA	Historical Land Disposal Sites
HIST MCS - CA	Historical Military Cleanup Sites
HIST NFA - CA	Historical No Further Action Sites
HWM COMMERCIAL FACILITIES - CA	Hazardous Waste Management Commercial Facilities
LDS - CA	Land Disposal Sites
MCS - CA	Military Cleanup Sites
MWMP - CA	Medical Waste Management Program
MWMP 2 - CA	Medical Waste Management Program
NFE - CA	Unconfirmed contaminated properties
NPDES - CA	State Wastewater and NPDES Permits
PERCHLORATE 2 - CA	Perchlorate contaminted sites
PFAS DOD - CA	PFAS Site Listing
PFAS GAMA - CA	PFAS GAMA Well Sampling
RFR - CA	Regulated Facility Report

OTHER ASCERTAINABLE RECORDS *(cont.)*

WDR - CA	Waste Discharge Requirement Sites
WDS - CA	Waste Discharge System

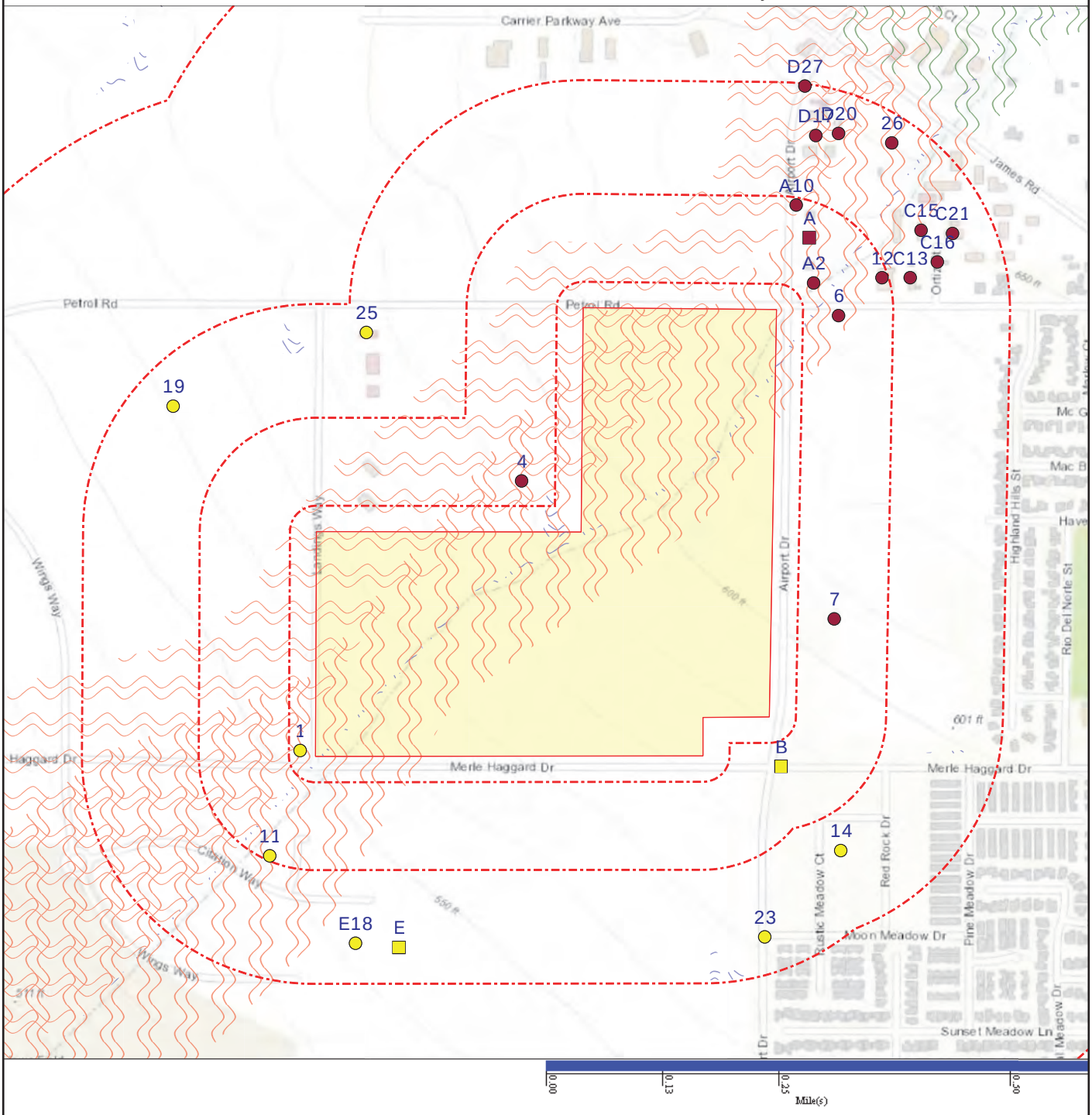
SUBJECT NAME: Airport Commerce Center
ADDRESS: 1211 Petrol Rd, Bakersfield, CA, 93308
LAT/LONG: 35.444251 / -119.042525

PREPARED FOR: Cameron-Cole - Alameda
ORDER #: 105524
REPORT DATE: February 13, 2025



SUBJECT NAME: Airport Commerce Center
ADDRESS: 1211 Petrol Rd, Bakersfield, CA, 93308
LAT/LONG: 35.444251 / -119.042525

PREPARED FOR: Cameron-Cole - Alameda
ORDER #: 105524
REPORT DATE: February 13, 2025



- Subject Property
- Equal/Higher Elevation
- Lower Elevation
- Department of Defense (No Data)
- DFIRM Floodzone 100
- DFIRM Floodzone 500
- FEMA FloodZone 100 (No Data)
- FEMA FloodZone 500
- Historical DOD (No Data)
- National Priority List (No Data)
- NWI

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST								
ARCHIVED RCRA TSDF		0.500	0	0	0	--	--	0
RCRA_TSDF		0.500	0	0	0	--	--	0
FEDERAL, STATE, AND TRIBAL REGISTERED STORAGE TANK LISTS								
FEMA UST		0.250	0	0	--	--	--	0
AST_KERN COUNTY - CA		0.250	1	3	--	--	--	4
FID UST - CA		0.250	0	0	--	--	--	0
HIST AST - CA		0.250	1	2	--	--	--	3
HIST UST - CA		0.250	1	1	--	--	--	2
HIST UST_KERN COUNTY - CA		0.250	0	1	--	--	--	1
UST - CA		0.250	1	1	--	--	--	2
UST_KERN COUNTY - CA		0.250	1	2	--	--	--	3
FEDERAL CERCLIS LIST								
CERCLIS NFRAP		0.500	0	0	0	--	--	0
CERCLIS-HIST		0.500	1	0	0	--	--	1
FEDERAL FACILITY		1.000	0	0	0	0	--	0
FEDERAL RCRA CORRACTS FACILITIES LIST								
CORRACTS		1.000	1	0	0	0	--	1
HIST CORRACTS 2		1.000	0	0	0	0	--	0
FEDERAL DELISTED NPL SITE LIST								
DELISTED NPL		1.000	0	0	0	0	--	0
FEDERAL ERNS LIST								
ERNS		SP	0	--	--	--	--	0
FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES								
FED E C		0.500	0	0	0	--	--	0
FED I C		0.500	0	0	0	--	--	0
RCRA IC_EC		0.250	0	0	--	--	--	0
FEDERAL RCRA GENERATORS LIST								
HIST RCRA_CESQG		0.250	0	0	--	--	--	0
HIST RCRA_LQG		0.250	0	0	--	--	--	0
HIST RCRA_NONGEN		0.250	0	0	--	--	--	0
HIST RCRA_SQG		0.250	0	0	--	--	--	0
RCRA_LQG		0.250	0	1	--	--	--	1
RCRA_NONGEN		0.250	2	4	--	--	--	6

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
FEDERAL RCRA GENERATORS LIST *(cont.)*								
RCRA_SQG		0.250	3	1	--	--	--	4
RCRA_VSQG		0.250	0	0	--	--	--	0
FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS								
INDIAN LUST R9		0.500	0	0	0	--	--	0
LUST REG 3 - CA		0.500	0	0	0	--	--	0
LUST REG 4 - CA		0.500	0	0	0	--	--	0
LUST REG 5 - CA		0.500	2	2	1	--	--	5
LUST REG 6 - CA		0.500	0	0	0	--	--	0
LUST_KERN COUNTY - CA		0.500	2	2	1	--	--	5
SLIC REG 3 - CA		0.500	0	0	0	--	--	0
SLIC REG 4 - CA		0.500	0	0	0	--	--	0
SLIC REG 5 - CA		0.500	0	1	1	--	--	2
SLIC REG 6 - CA		0.500	0	0	0	--	--	0
FEDERAL NPL SITE LIST								
NPL		1.000	0	0	0	0	--	0
NPL EPA R9 GIS		1.000	0	0	0	0	--	0
SEMS_FINAL NPL		1.000	0	0	0	0	--	0
SEMS_PROPOSED NPL		1.000	0	0	0	0	--	0
STATE- AND TRIBAL - EQUIVALENT CERCLIS								
ENVIROSTOR - CA		1.000	1	0	1	1	--	3
OIL & GAS CLEANUP - CA		0.500	0	0	0	--	--	0
SWRCB CLEANUP - CA		0.500	0	0	0	--	--	0
TOXIC PITS - CA		1.000	0	0	0	0	--	0
STATE RCRA GENERATORS LIST								
HWG - CA		0.250	7	9	--	--	--	16
STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS								
SWF/LF - CA		0.500	0	0	0	--	--	0
STATE AND TRIBAL BROWNFIELD SITES								
TRIBAL BROWNFIELDS		0.500	0	0	0	--	--	0
LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES								
CDL - CA		SP	0	--	--	--	--	0
SCH - CA		0.250	0	0	--	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
LOCAL BROWNFIELD LISTS								
FED BROWNFIELDS		0.500	0	0	0	--	--	0
LOCAL LAND RECORDS								
LIENS 2		SP	0	--	--	--	--	0
HIST LIENS - CA		SP	0	--	--	--	--	0
LIENS - CA		SP	0	--	--	--	--	0
RECORDS OF EMERGENCY RELEASE REPORTS								
HMIRS (DOT)		SP	0	--	--	--	--	0
LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES								
TRIBAL ODI		0.500	0	0	0	--	--	0
OTHER ASCERTAINABLE RECORDS								
COAL GAS		1.000	0	0	0	0	--	0
CORRECTIVE ACTIONS_2020		0.500	0	0	0	--	--	0
DOD		1.000	0	0	0	0	--	0
ECHO		SP	0	--	--	--	--	0
FUDS		1.000	0	0	0	1	--	1
HIST DOD		1.000	0	0	0	0	--	0
ICIS		SP	0	--	--	--	--	0
LUCIS		0.500	0	0	0	--	--	0
LUCIS 2		0.500	0	0	0	--	--	0
NPL AOC		1.000	0	0	0	0	--	0
NPL LIENS		SP	0	--	--	--	--	0
PADS		SP	0	--	--	--	--	0
PCB TRANSFORMER		SP	0	--	--	--	--	0
PFAS NPL		0.500	0	0	0	--	--	0
PFAS TRIS		0.500	0	0	0	--	--	0
PFAS UCMR3		0.500	0	0	0	--	--	0
CALEPA SITES - CA		0.250	8	10	--	--	--	18
CIWQS - CA		SP	0	--	--	--	--	0
CIWQS 2 - CA		SP	0	--	--	--	--	0
DRYCLEANERS - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_EASTERN KERN COUNTY - CA		0.250	0	0	--	--	--	0
FA - CA		SP	0	--	--	--	--	0
FA 2 - CA		SP	0	--	--	--	--	0
HAZNET - CA		0.250	6	8	--	--	--	14

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
OTHER ASCERTAINABLE RECORDS *(cont.)*								
HIST HAZNET - CA		0.250	0	0	--	--	--	0
HIST HWP - CA		1.000	1	0	0	0	--	1
HIST LDS - CA		0.500	0	0	0	--	--	0
HIST MCS - CA		1.000	0	0	0	0	--	0
HIST NFA - CA		0.500	0	0	0	--	--	0
HWM COMMERCIAL FACILITIES - CA		0.250	0	0	--	--	--	0
HWP - CA		1.000	1	0	0	0	--	1
HWT - CA		0.250	0	1	--	--	--	1
LDS - CA		0.500	0	0	0	--	--	0
MCS - CA		1.000	0	0	0	0	--	0
MWMP - CA		0.250	0	0	--	--	--	0
MWMP 2 - CA		0.250	0	0	--	--	--	0
NFA - CA		0.500	0	0	1	--	--	1
NFE - CA		0.500	0	0	0	--	--	0
NPDES - CA		SP	0	--	--	--	--	0
PERCHLORATE 2 - CA		0.500	0	0	0	--	--	0
PFAS - CA		0.500	0	0	1	--	--	1
PFAS DOD - CA		0.500	0	0	0	--	--	0
PFAS GAMA - CA		0.500	0	0	0	--	--	0
RFR - CA		SP	0	--	--	--	--	0
WDR - CA		SP	0	--	--	--	--	0
WDS - CA		SP	0	--	--	--	--	0

Map Id: 1
Direction: WSW
Distance: 0.016 mi., 86 ft.
Elevation: 553 ft.
Relative: Lower

Site Name : PARCEL MAP 12115
NW CORNER OF LANDINGS WAY AND MERLE HAGGARD DRIVE
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [CALEPA SITES - CA, CIWQS - CA, NPDES - CA, RFR - CA]

Envirosite ID: 695536
EPA ID: N/R

CALEPA SITES - CA

Facility Name :	PARCEL MAP 12115
Facility Address :	NW CORNER OF LANDINGS WAY AND MERLE HAGGARD DRIVE, BAKERSFIELD, 93308
Site ID :	539021
EI ID :	847438
EI Description :	Construction Storm Water
Latitude :	35.441450
Longitude :	-119.047840
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2022-09-27

CIWQS - CA

Facility Name :	PARCEL MAP 12115
Facility Address :	NW CORNER OF LANDINGS WAY AND MERLE HAGGARD DRIVE, BAKERSFIELD, CA 93308
County :	KERN
Place ID :	S847438
Agency Name :	CC PROPERTIES INC
Last Date in Agency List :	2025-02-11

NPDES - CA

Facility Name :	Parcel Map 12115
Facility Address :	NW corner of Landings Way and Merle Haggard Drive, Bakersfield, 93308
County :	Kern
Effective Date :	2016-07-19
Adoption Date :	N/R
Expiration Date :	N/R
Termination Date :	2022-06-15
Order Number :	2009-0009-DWQ
NPDES Number :	CAS000002
WDID :	5F15C376891
RM Status :	Terminated
Reg Meas ID :	474271
Reg Meas Type :	Enrollee
Program :	Construction
Facility Place ID :	N/R
Region Code :	5F
Discharger ID :	0
Discharger :	CC Properties Inc
Discharger Address :	5301 office park drive #325, bakersfield, California 93309
Last Date in Agency List :	2024-11-28

RFR - CA

Facility Name :	Parcel Map 12115
Facility Address :	NW corner of Landings Way and Merle Haggard Drive, Bakersfield, CA 93308

Map Id: 1
Direction: WSW
Distance: 0.016 mi., 86 ft.
Elevation: 553 ft.
Relative: Lower

Site Name : PARCEL MAP 12115
NW CORNER OF LANDINGS WAY AND
MERLE HAGGARD DRIVE
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [CALEPA SITES - CA, CIWQS - CA, NPDES - CA, RFR - CA] *(cont.)*

Envirosite ID: 695536
EPA ID: N/R

RFR - CA *(cont.)*

County :	Kern
Effective Date :	2016-07-19
Adoption Date :	N/R
Termination Date :	N/R
Expiration/Review Date :	N/R
NPDES Number :	CAS000002
Order Number :	2009-0009-DWQ
WDID :	5F15C376891
SIC/NAICS :	N/R
Program :	CONSTW
Regulatory Measure Status :	Active
Regulatory Measure Type :	Storm water construction
Place/Project Type :	Construction - Transportation, Utility: Sewer, Water, Storm Drain
Region :	5F
Design Flow :	N/R
Major/Minor :	N/R
Complexity :	N/R
TTWQ :	N/R
Number of Enforcement Actions within Five Years:	2
Number of Violations within Five Years:	1
Agency :	CC Properties Inc
Agency Address :	5301 office park drive #325, Bakersfield, CA 93309
Latitude :	35.44145
Longitude :	-119.04784
Last Date in Agency List :	2022-05-30

Map Id: A2
Direction: NE
Distance: 0.050 mi., 266 ft.
Elevation: 631 ft.
Relative: Higher

Site Name : LUFKIN INDUSTRIES INC | SOUTHERN SIERRA GENERAL ENGINEERING INC
4730 AIRPORT DR
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA]

Envirosite ID: 58200546
EPA ID: CAL000326771

HAZNET - CA

Facility Name :	LUFKIN INDUSTRIES INC
Facility Address :	4730 AIRPORT DR, BAKERSFIELD, CA 93308
County :	KERN

Site Details

Generator EPA ID :	CAL000326771
Active :	Inactive
Category :	STATE
Facility Types :	N/R

Map Id: A2
Direction: NE
Distance: 0.050 mi., 266 ft.
Elevation: 631 ft.
Relative: Higher

Site Name : LUFKIN INDUSTRIES INC | SOUTHERN SIERRA GENERAL ENGINEERING INC
4730 AIRPORT DR
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA) *(cont.)*

Envirosite ID: 58200546
EPA ID: CAL000326771

HAZNET - CA *(cont.)*

Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	2500 PARKER LN, BAKERSFIELD, CA 933086011
Latitude :	35.44899868
Longitude :	-119.03847794
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

Facility Name :	SOUTHERN SIERRA GENERAL ENGINEERING INC
Facility Address :	4730 AIRPORT DR, BAKERSFIELD, CA 93308
County :	KERN

Site Details

Generator EPA ID :	CAL000365511
Active :	Inactive
Category :	STATE
Facility Types :	N/R
Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	PO BOX 1113, TAFT, CA 932680000
Latitude :	35.44899866
Longitude :	-119.03847807
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

HWG - CA

Facility Name :	LUFKIN INDUSTRIES INC
Facility Address :	4730 AIRPORT DR, BAKERSFIELD, CA 93308
County :	KERN

EPA ID :	CAL000326771
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	2500 PARKER LN, BAKERSFIELD, CA 933086011
Owner Name :	LUFKIN INDUSTRIES INC
Owner Address :	2500 PARKER LN, BAKERSFIELD, CA 933086011
Operator Name :	MEL TRUBEY
Operator Address :	2500 PARKER LN, BAKERSFIELD, CA 933086011
Latitude :	35.44724
Longitude :	-119.03855

Facility Name :	SOUTHERN SIERRA GENERAL ENGINEERING INC
Facility Address :	4730 AIRPORT DR, BAKERSFIELD, CA 93308
County :	KERN

Map Id: A2
Direction: NE
Distance: 0.050 mi., 266 ft.
Elevation: 631 ft.
Relative: Higher

Site Name : LUFKIN INDUSTRIES INC | SOUTHERN SIERRA GENERAL ENGINEERING INC
4730 AIRPORT DR
BAKERSFIELD, CA 93308
Database(s) : [HAZNET - CA, HWG - CA] *(cont.)*

Envirosite ID: 58200546
EPA ID: CAL000326771

HWG - CA *(cont.)*

EPA ID :	CAL000365511
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	PO BOX 1113, TAFT, CA 932680000
Owner Name :	SOUTHERN SIERRA GEN ENGR INC.
Owner Address :	PO BOX 1113, TAFT, CA 932680000
Operator Name :	CARMELO ADAME
Operator Address :	4730 AIRPORT DR, BAKERSFIELD, CA 933080000
Latitude :	35.44724
Longitude :	-119.03855

Map Id: B3
Direction: SE
Distance: 0.051 mi., 270 ft.
Elevation: 589 ft.
Relative: Lower

Site Name : WITCO CORP. TANK FARM
N/R
BAKERSFIELD, CA 93308
Database(s) : [CALEPA SITES - CA]

Envirosite ID: 49417951
EPA ID: N/R

CALEPA SITES - CA

Facility Name :	WITCO CORP. TANK FARM
Facility Address :	BAKERSFIELD, 93308
Site ID :	697974
EI ID :	T0602900341
EI Description :	Leaking Underground Storage Tank Cleanup Site
Latitude :	35.441305
Longitude :	-119.038578
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2023-07-21
Site ID :	188263
EI ID :	T0602900341
EI Description :	Leaking Underground Storage Tank Cleanup Site
Latitude :	35.441305
Longitude :	-119.038578
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2022-12-21
Site ID :	858563
EI ID :	T0602900341
EI Description :	Leaking Underground Storage Tank Cleanup Site
Latitude :	35.441305
Longitude :	-119.038578
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-05-23

Map Id: 4
Direction: NW
Distance: 0.056 mi., 298 ft.
Elevation: 593 ft.
Relative: Higher

Site Name : SHELL BAKERSFIELD TANK FARM
SHELL TANK FARM
BAKERSFIELD, CA 93311

Database(s) : [CALEPA SITES - CA]

Envirosite ID: 355248
EPA ID: N/R

CALEPA SITES - CA

Facility Name :	SHELL BAKERSFIELD TANK FARM
Facility Address :	SHELL TANK FARM, BAKERSFIELD, 93311
Site ID :	493767
EI ID :	110012441027
EI Description :	US EPA Air Emission Inventory System (EIS)
Latitude :	35.445751
Longitude :	-119.043630
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-05-23

Map Id: B5
Direction: SE
Distance: 0.060 mi., 315 ft.
Elevation: 587 ft.
Relative: Lower

Site Name : WITCO CORP. TANK FARM | Northview Meadows
7TH STANDARD RD & AIRPORT | Airport Dr and Merle Haggard Dr
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [CALEPA SITES - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA]

Envirosite ID: 330424
EPA ID: N/R

CALEPA SITES - CA

Facility Name :	WITCO CORP. TANK FARM
Facility Address :	7TH STANDARD RD & AIRPORT, BAKERSFIELD, 93308
Site ID :	188263
EI ID :	T0602900341
EI Description :	Leaking Underground Storage Tank Cleanup Site
Latitude :	35.441305
Longitude :	-119.038578
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2022-04-07

LUST REG 5 - CA

Facility Name :	WITCO CORP. TANK FARM
Facility Address :	7TH STANDARD RD & AIRPORT, BAKERSFIELD, CA 93308
County :	Kern

Site Details

Status Date :	1990-12-19
Status :	Completed - Case Closed
Begin Date :	1990-05-24
Global ID :	T0602900341
Region :	REGION 5
Site History :	N/R
RB Case Number :	5T15000346

Map Id: B5
Direction: SE
Distance: 0.060 mi., 315 ft.
Elevation: 587 ft.
Relative: Lower

Site Name : WITCO CORP. TANK FARM | Northview Meadows
7TH STANDARD RD & AIRPORT | Airport Dr and Merle Haggard Dr
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [CALEPA SITES - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 330424
EPA ID: N/R

LUST REG 5 - CA *(cont.)*

Potential Media Affected :	Soil
Potential Contaminants of Concern :	Waste Oil / Motor / Hydraulic / Lubricating
Local Agency :	KERN COUNTY
Local Case Number :	010049
Lead Agency :	KERN COUNTY
File Location :	N/R
CUF Case :	NO
Caseworker :	BRI
Case Type :	LUST Cleanup Site
How Discovered :	Tank Closure
How Discovered Description :	N/R
Stop Method :	N/R
Stop Description :	N/R
Calwater Watershed Name :	South Valley Floor - Kern Delta (557.10)
DWR Groundwater Subbasin Name :	San Joaquin Valley - Kern County (5-022.14)
Disadvantaged Community :	N/R
Latitude :	35.441305
Longitude :	-119.038578
Agency URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-10-07

Contacts Summary

Global ID :	T0602900341
Contact Name :	BRIAN PITTS
Contact Type :	Local Agency Caseworker - Primary Caseworker
Organization Name :	KERN COUNTY
Address :	2700 M STREET, SUITE 300
City :	BAKERSFIELD
Phone Number :	6618628704
Email :	brianp@co.kern.ca.us

Global ID :	T0602900341
Contact Name :	JOHN WHITING
Contact Type :	Regional Board Caseworker
Organization Name :	CENTRAL VALLEY RWQCB (REGION 5F)
Address :	1685 E STREET
City :	FRESNO
Phone Number :	N/R
Email :	john.whiting@waterboards.ca.gov

Regulatory Activities

Date :	1990-07-05
Global ID :	T0602900341
Action Type :	Other
Action :	Leak Reported

Date :	1990-05-24
Global ID :	T0602900341

Map Id: B5
Direction: SE
Distance: 0.060 mi., 315 ft.
Elevation: 587 ft.
Relative: Lower

Site Name : WITCO CORP. TANK FARM | Northview Meadows
7TH STANDARD RD & AIRPORT | Airport Dr and Merle Haggard Dr
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [CALEPA SITES - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 330424
EPA ID: N/R

LUST REG 5 - CA *(cont.)*

Action Type :	Other
Action :	Leak Stopped
Date :	1990-05-24
Global ID :	T0602900341
Action Type :	Other
Action :	Leak Discovery

Status History

Status Date :	1990-12-19
Global ID :	T0602900341
Status :	Completed - Case Closed
Status Date :	1990-05-24
Global ID :	T0602900341
Status :	Open - Case Begin Date

LUST_KERN COUNTY - CA

Facility Name :	WITCO CORP. TANK FARM
Facility Address :	7TH STANDARD RD & AIRPORT, BAKERSFIELD, 93308
County :	KERN

Site Details

Status Date :	1990-12-19
Status :	COMPLETED - CASE CLOSED
Begin Date :	1990-05-24
Global ID :	T0602900341
Facility Type :	LUST CLEANUP SITE
RB Case Number :	5T15000346
Potential Media Affected :	Soil
Potential Contaminants of Concern :	Waste Oil / Motor / Hydraulic / Lubricating
Local Agency :	KERN COUNTY
Loc Case Number :	010049
Lead Agency :	KERN COUNTY
File Location :	N/R
CUF Case :	NO
Caseworker :	BRI
How Discovered :	Tank Closure
How Discovered Description :	N/R
Stop Method :	N/R
Stop Description :	N/R
Calwater Watershed Name :	South Valley Floor - Kern Delta (557.10)
DWR Groundwater Subbasin Name :	San Joaquin Valley - Kern County (5-022.14)
Disadvantaged Community :	N/R
Latitude :	35.441305
Longitude :	-119.038578
Site History :	N/R

Map Id: B5
Direction: SE
Distance: 0.060 mi., 315 ft.
Elevation: 587 ft.
Relative: Lower

Site Name : WITCO CORP. TANK FARM | Northview Meadows
7TH STANDARD RD & AIRPORT | Airport Dr and Merle Haggard Dr
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [CALEPA SITES - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 330424
EPA ID: N/R

LUST_KERN COUNTY - CA *(cont.)*

Agency URL : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-09-24

Contacts Summary

Global ID : T0602900341
Contact Name : BRIAN PITTS
Contact Type : Local Agency Caseworker - Primary Caseworker
Organization Name : KERN COUNTY
Address : 2700 M STREET, SUITE 300
City : BAKERSFIELD
Phone Number : 6618628704
Email : brianp@co.kern.ca.us

Global ID : T0602900341
Contact Name : JOHN WHITING
Contact Type : Regional Board Caseworker
Organization Name : CENTRAL VALLEY RWQCB (REGION 5F)
Address : 1685 E STREET
City : FRESNO
Phone Number : N/R
Email : john.whiting@waterboards.ca.gov

Regulatory Activities

Date : 1990-07-05
Global ID : T0602900341
Action Type : Other
Action : Leak Reported

Date : 1990-05-24
Global ID : T0602900341
Action Type : Other
Action : Leak Stopped

Date : 1990-05-24
Global ID : T0602900341
Action Type : Other
Action : Leak Discovery

Status History Summary

Status Date : 1990-12-19
Global ID : T0602900341
Status : Completed - Case Closed

Map Id: B5
Direction: SE
Distance: 0.060 mi., 315 ft.
Elevation: 587 ft.
Relative: Lower

Site Name : WITCO CORP. TANK FARM | Northview Meadows
7TH STANDARD RD & AIRPORT | Airport Dr and Merle Haggard Dr
BAKERSFIELD | Bakersfield, CA 93308
Database(s) : [CALEPA SITES - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 330424
EPA ID: N/R

LUST_KERN COUNTY - CA *(cont.)*

Status Date :	1990-05-24
Global ID :	T0602900341
Status :	Open - Case Begin Date

Map Id: 6
Direction: NE
Distance: 0.067 mi., 353 ft.
Elevation: 634 ft.
Relative: Higher

Site Name : SHELL PIPELINE COMPANY LP
SACO PIPELINE STATION/RAILCAR
BAKERSFIELD, CA 93308
Database(s) : [CALEPA SITES - CA]

Envirosite ID: 224598
EPA ID: N/R

CALEPA SITES - CA

Facility Name :	SHELL PIPELINE COMPANY LP
Facility Address :	SACO PIPELINE STATION/RAILCAR, BAKERSFIELD, 93308
Site ID :	493853
EI ID :	110040886146
EI Description :	US EPA Air Emission Inventory System (EIS)
Latitude :	35.448390
Longitude :	-119.037620
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-05-23

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name : LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION
4100 AIRPORT DR
BAKERSFIELD | OILDALE | Bakersfield, CA
Database(s) : [CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG]

Envirosite ID: 58200545
EPA ID: N/R

CALEPA SITES - CA

Facility Name :	CHEMTURA CORPORATION
Facility Address :	4100 AIRPORT DR, OILDALE, 933080000

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name : LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION
4100 AIRPORT DR
BAKERSFIELD | OILDALE | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

CALEPA SITES - CA *(cont.)*

Site ID : 212797
EI ID : CAT080018658
EI Description : Hazardous Waste
Latitude : 35.448463
Longitude : -119.038136
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2022-01-07

Facility Name : LANXESS CORPORATION
Facility Address : 4100 AIRPORT DR, BAKERSFIELD, 933080000

Site ID : 608258
EI ID : CAT080018658
EI Description : Hazardous Waste
Latitude : 35.448463
Longitude : -119.038136
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

Facility Name : LANXESS SOLUTIONS US, INC.
Facility Address : 4100 AIRPORT DRIVE, BAKERSFIELD, 93308

Site ID : 500302
EI ID : 110001163268
EI Description : US EPA Air Emission Inventory System (EIS)
Latitude : 35.443840
Longitude : -119.038610
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2023-07-21

Facility Name : TRICOR REFINING LLC
Facility Address : 4100 AIRPORT DR, OILDALE, 933080000

Site ID : 610561
EI ID : 80001851
EI Description : Corrective Action
Latitude : 35.443398
Longitude : -119.036434
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

Site ID : 344031
EI ID : 80001851
EI Description : Corrective Action
Latitude : 35.448463

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name : LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION
4100 AIRPORT DR
BAKERSFIELD | OILDALE | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

CALEPA SITES - CA *(cont.)*

Longitude : -119.038136
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2022-01-07

Facility Name : TRICOR REFINING LLC
Facility Address : 4100 AIRPORT DRIVE, BAKERSFIELD, 93308

Site ID : 500302
EI ID : 110001163268
EI Description : US EPA Air Emission Inventory System (EIS)
Latitude : 35.443840
Longitude : -119.038610
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

Facility Name : WITCO CHEMICAL CORP.
Facility Address : 4100 AIRPORT DRIVE, BAKERSFIELD, 93308

Site ID : 505557
EI ID : 110017403647
EI Description : US EPA Air Emission Inventory System (EIS)
Latitude : 35.443840
Longitude : -119.038610
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

CERCLIS-HIST

Facility Name : WITCO SLUDGE DSPL SITE
Facility Address : 4100 AIRPORT DRIVE, OILDALE, CA 93308
County : KERN

Site ID : 0901848
Epa ID : CAD980636856
Short Name : WITCO SLUDGE DSPL SITE
Congressional District : 20
IFMS ID : N/R
SMSA Number : 0680
USGC Hydro Unit : 18030012
Federal Facility : N
DMNSN Number : N/R
Site Orphan Flag : N
RCRA ID : N/R
USGS Quadrangle : N/R
Site Init by Prog : N/R
NFRAP Flag : N/R
Parent ID : N/R

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name : LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION
4100 AIRPORT DR
BAKERSFIELD | OILDALE | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

CERCLIS-HIST *(cont.)*

RST Code :	N/R
EPA Region :	09
Classification :	N/R
Site Settings Code :	N/R
NPL Status :	Not on the NPL
DMNSN Unit Code :	N/R
RBRAC Code :	N/R
RResp Fed Agency Code :	N/R
Non NPL Status :	NFRAP-Site does not qualify for the NPL based on existing information
Non NPL Status Date :	2013-03-29
Site Fips Code :	06029
CC Concurrence Date :	N/R
CC Concurrence FY :	N/R
Alias EPA ID :	N/R
Site FUDS Flag :	N/R

CERCLIS Site Contact Name(s)

Contact ID :	13003854
Contact Name :	Leslie Ramirez
Contact Tel. :	4159723978
Contact Title :	Site Assessment Manager (SAM)
Contact Email :	N/R

Contact ID :	13003858
Contact Name :	Sharon Murray
Contact Tel. :	4159724250
Contact Title :	Site Assessment Manager (SAM)
Contact Email :	N/R

Contact ID :	13004003
Contact Name :	Carl Brickner
Contact Tel. :	N/R
Contact Title :	Site Assessment Manager (SAM)
Contact Email :	N/R

Alias Comments :	TRICOR REFINING, LLC
Site Description :	N/R

Alias Comments :	WITCO SLUDGE DSPL SITE
Site Description :	N/R

CERCLIS Assessment History

Action Code :	001
Action :	PRELIMINARY ASSESSMENT

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name : LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION
4100 AIRPORT DR
BAKERSFIELD | OILDALE | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

CERCLIS-HIST *(cont.)*

Date Started : 1986-01-01
Date Completed : 1987-08-01
Priority Level : 1
Operational Unit : 00
Primary Responsibility : State, Fund Financed
Planning Status : N/R
Urgency Indicator : N/R
Action Anomaly : N/R

Action Code : 001
Action : ARCHIVE SITE
Date Started : N/R
Date Completed : 1987-08-01
Priority Level : 1
Operational Unit : 00
Primary Responsibility : EPA In-House
Planning Status : N/R
Urgency Indicator : N/R
Action Anomaly : N/R

Action Code : 001
Action : SITE UNARCHIVED
Date Started : N/R
Date Completed : 2012-11-28
Priority Level : 1
Operational Unit : 00
Primary Responsibility : EPA In-House
Planning Status : N/R
Urgency Indicator : N/R
Action Anomaly : N/R

Action Code : 001
Action : DISCOVERY
Date Started : N/R
Date Completed : 1981-06-01
Priority Level : 1
Operational Unit : 00
Primary Responsibility : EPA Fund-Financed
Planning Status : N/R
Urgency Indicator : N/R
Action Anomaly : N/R

Action Code : 002
Action : PRELIMINARY ASSESSMENT
Date Started : 2011-10-01
Date Completed : 2013-03-29
Priority Level : 1
Operational Unit : 00
Primary Responsibility : EPA Fund-Financed

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name : LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION
4100 AIRPORT DR
BAKERSFIELD | OILDALE | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

CERCLIS-HIST *(cont.)*

Planning Status :	N/R
Urgency Indicator :	N/R
Action Anomaly :	N/R

CORRACTS

Facility Name :	LANXESS SOLUTIONS US, INC.
Facility Address :	4100 AIRPORT DR, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAT080018658
EPA Region :	09
Last Date in Agency List :	2024-12-17
HNAICS Code :	32411 - PETROLEUM REFINERIES 42271 - PETROLEUM BULK STATIONS AND TERMINALS 493190 - OTHER WAREHOUSING AND STORAGE
Area Name :	N/R
Actual Date :	1997-06-30
Action :	RFA COMPLETED-ASSESSMENT WAS A RFA
Original Schedule Date :	1997-06-30
Schedule End Date :	N/R
Area Name :	ENTIRE FACILITY
Actual Date :	1992-05-18
Action :	CA PRIORITIZATION-MEDIUM CA PRIORITY
Original Schedule Date :	N/R
Schedule End Date :	N/R
Area Name :	ENTIRE FACILITY
Actual Date :	1992-05-18
Action :	STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION
Original Schedule Date :	N/R
Schedule End Date :	N/R
Area Name :	ENTIRE FACILITY
Actual Date :	1992-03-31
Action :	CA PRIORITIZATION-MEDIUM CA PRIORITY
Original Schedule Date :	N/R
Schedule End Date :	N/R
Area Name :	ENTIRE FACILITY
Actual Date :	1992-03-31

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name : LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION
4100 AIRPORT DR
BAKERSFIELD | OILDALE | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

CORRACTS *(cont.)*

Action : LEAD AGENCY DETERMINATION
Original Schedule Date : N/R
Schedule End Date : N/R

Area Name : ENTIRE FACILITY
Actual Date : 1992-03-31
Action : PA OR CERCLA INSPECTION
Original Schedule Date : N/R
Schedule End Date : N/R

Area Name : ENTIRE FACILITY
Actual Date : 1985-09-01
Action : PA OR CERCLA INSPECTION
Original Schedule Date : 1989-08-21
Schedule End Date : N/R

Area Name : ENTIRE FACILITY
Actual Date : N/R
Action : DEFERRAL TO ANOTHER AGENCY
Original Schedule Date : 1992-04-14
Schedule End Date : N/R

Area Name : N/R
Actual Date : N/R
Action : RFA COMPLETED-ASSESSMENT WAS A RFA
Original Schedule Date : 1997-10-30
Schedule End Date : N/R

Area Name : ENTIRE FACILITY
Actual Date : N/R
Action : DEFERRAL TO ANOTHER AGENCY
Original Schedule Date : 1992-04-07
Schedule End Date : N/R

ENVIROSTOR - CA

Facility Name : CHEMTURA CORPORATION
Facility Address : 4100 AIRPORT DR, OILDALE, 933080000
County : KERN

Site Details
Cleanup Date : N/R
Cleanup Status : KNOWN GENERATORS - LAND USE RESTRICTIONS
Site Type : HAZ WASTE
Site Type Detailed : N/R

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name : LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION
4100 AIRPORT DR
BAKERSFIELD | OILDALE | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

ENVIROSTOR - CA *(cont.)*

Acreage :	N/R
APN :	N/R
National Priorities List :	N/R
Regulatory Agencies Involved :	N/R
Lead Agency :	N/R
Project Manager :	N/R
Supervisor :	N/R
Office :	N/R
Envirostor ID :	N/R
Site Code :	100320
Assembly :	34
Senate :	16
Congressional District :	N/R
Special Program :	N/R
Past Uses :	N/R
Potential COC :	N/R
Confirmed COC :	N/R
Potential Media Affected :	N/R
Restricted Use :	N/R
Site Management Req :	N/R
Funding :	N/R
Latitude :	35.448463
Longitude :	-119.038136
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2018-04-10

Completed Activities

Completed Date :	N/R
Area Name :	N/R
Sub Area Name :	N/R
Document Type :	N/R
Comments :	N/R

Facility Name :	TRICOR REFINING LLC TANK FARM
Facility Address :	4100 AIRPORT DR, OILDALE, CA 933080000
County :	KERN

Site Details

Cleanup Date :	2002-01-10
Cleanup Status :	Certified O&M - Land Use Restrictions Only
Site Type :	Corrective Action
Site Type Detailed :	Corrective Action
Acreage :	27
APN :	483040036, 483040358, 48304040
National Priorities List :	NO
Regulatory Agencies Involved :	DTSC - Site Cleanup Program
Lead Agency :	WM
Project Manager :	Jane Numazu

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name : LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION
4100 AIRPORT DR
BAKERSFIELD | OILDALE | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

ENVIROSTOR - CA *(cont.)*

Supervisor :	Duane White
Office :	Cleanup Sacramento
Envirostor ID :	80001851
Site Code :	100320
Assembly :	32
Senate :	12
Congressional District :	20
Special Program :	N/R
Past Uses :	ABOVE GROUND STORAGE TANKS, HAZARDOUS WASTE TREATMENT, ILLEGAL DUMPING, MANUFACTURING - PETROLEUM, OIL/WATER SEPARATORS
Potential COC :	TPH-JET FUEL; Polynuclear aromatic hydrocarbons (PAHs); TPH-Stoddard Solvent; TPH-gas; TPH-diesel; TPH-MOTOR OIL
Confirmed COC :	TPH-JET FUEL; Polynuclear aromatic hydrocarbons (PAHs); TPH-Stoddard Solvent; TPH-gas; TPH-diesel; TPH-MOTOR OIL
Potential Media Affected :	Soil; Soil Vapor
Restricted Use :	YES
Site Management Req :	N/R
Funding :	N/R
Latitude :	35.443398
Longitude :	-119.036434
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2025-01-28
Alias :	APN - 483040036 APN - 483040358 APN - 48304040 EPA (FRS #) - 110001163268 EPA Identification Number - CAT080018658 Envirostor ID Number - 80001851 Project Code (Site Code) - 100320

Completed Activities

Completed Date :	2024-06-30
Area Name :	PROJECT WIDE
Sub Area Name :	N/R
Document Type :	Project Management
Comments :	N/R
Completed Date :	2023-06-29
Area Name :	PROJECT WIDE
Sub Area Name :	N/R

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name : LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION
4100 AIRPORT DR
BAKERSFIELD | OILDALE | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

ENVIROSTOR - CA *(cont.)*

Document Type : Project Management

Comments : Project management activity for tracking purposes only. No documents are uploaded

Completed Date : 2010-01-19
Area Name : PROJECT WIDE
Sub Area Name : N/R
Document Type : Other Report
Comments : N/R

Completed Date : 2002-04-23
Area Name : PROJECT WIDE
Sub Area Name : N/R
Document Type : Corrective Action Completion Determination

Comments :

DTSC has approved the document "Site Closure Report for Crompton Corporation Mt. Poso Tank Farm (Retained Parcel), 4100 Airport Drive, Oildale, California," Enviro-Sciences, Incorporated, December 18, 2001. As required by the DTSC approved closure plan, DTSC received the "Covenant to Restrict Use of Property Environmental Restriction" document recorded by the Kern County Official Records Office on January 23, 2002. DTSC also received the certification of closure by registered mail on March 11, 2002 stating the Witco Oil Sludge Pits (Site) were closed in accordance with the DTSC approved closure plan.

Completed Date : 2002-01-10
Area Name : PROJECT WIDE
Sub Area Name : N/R
Document Type : Land Use Restriction
Comments : The LUC was recorded by the County on 1/10/2002.

Completed Date : 1997-06-30
Area Name : PROJECT WIDE
Sub Area Name : N/R
Document Type : RCRA Facility Assessment Report
Comments : N/R

Completed Date : 1992-05-18
Area Name : PROJECT WIDE
Sub Area Name : N/R
Document Type : Interim Measures Questionnaire
Comments : N/R

Completed Date : 1992-03-31
Area Name : PROJECT WIDE
Sub Area Name : N/R

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name : LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION
4100 AIRPORT DR
BAKERSFIELD | OILDALE | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

ENVIROSTOR - CA *(cont.)*

Document Type : Preliminary Assessment Report
Comments : N/R

Completed Date : 1985-09-01
Area Name : PROJECT WIDE
Sub Area Name : N/R
Document Type : Preliminary Assessment Report
Comments : N/R

HAZNET - CA

Facility Name : CROMPTON CORPORATION
Facility Address : 4100 AIRPORT DR, OILDALE, CA 93308
County : KERN

Site Details
Generator EPA ID : CAC002324729
Active : Inactive
Category : STATE
Facility Types : N/R
Type : TEMPORARY
Contact Name : N/R
Contact Phone : N/R
Facility Mailing Address : 1 AMERICAN LANE, GRENWICH, CT 068310000
Latitude : 35.44347111
Longitude : -119.03855058
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2021-07-08

Waste Generator Details
State Waste : 2005: 352 - Other organic solids, 1.2 tons to CAT000646117
2001: 181 - Other inorganic solid waste, 175.3024 tons to CAT000646117

Facility Name : LANXESS SOLUTIONS US, INC.
Facility Address : 4100 AIRPORT DR, BAKERSFIELD, CA 93308
County : KERN

Site Details
Generator EPA ID : CAT080018658
Active : Active
Category : FEDERAL
Facility Types : N/R
Type : PERMANENT

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name :	LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION 4100 AIRPORT DR BAKERSFIELD | OILDALE | Bakersfield, CA
Database(s) :	[CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

HAZNET - CA *(cont.)*

Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	2 ARMSTRONG RD, SHELTON, CT 064840000
Latitude :	35.44355700
Longitude :	-119.03770350
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

Waste Generator Details

State Waste :

2018: 331 - Off-specification, aged or surplus organics, 0.05500 tons to UTD981552177
2016: 151 - Asbestos containing waste, 4.6 tons to NVT330010000
2015: 331 - Off-specification, aged or surplus organics, 0.95 tons to CAD059494310
2012: 331 - Off-specification, aged or surplus organics, 1.089 tons to CAD980675276
2012: 223 - Unspecified oil-containing waste, 5.73375 tons to CAT080013352
2001: 352 - Other organic solids, 37.926 tons to CAT000646117
1998: 223 - Unspecified oil-containing waste, 14 tons to CAD980675276
1997: 223 - Unspecified oil-containing waste, 3263.153 tons to CAD980675276
1997: 352 - Other organic solids, 11.7992 tons to CAT000646117
1996: 352 - Other organic solids, 12.642 tons to CAT000646117
1996: 151 - Asbestos containing waste, 0.0025 tons to CAT000646117
1995: 223 - Unspecified oil-containing waste, 3263.153 tons to CAD980675276
1995: 352 - Other organic solids, 11.7992 tons to CAT000646117
1994: 151 - Asbestos containing waste, 0.175 tons to CAD980675276
1994: 611 - Contaminated soil from site clean-up, 38.835 tons to CAD980675276
1994: 151 - Asbestos containing waste, 0.16 tons to CAD980675276
1994: 352 - Other organic solids, 6.7424 tons to CAT000646117
1994: *** - Invalid waste code, 6.7424 tons to CAT000646117
1993: 352 - Other organic solids, 17.6988 tons to CAT000646117
1993: 223 - Unspecified oil-containing waste, 11.7992 tons to CAT000646117

HIST AST - CA

Facility Name :	MOUNT POSO TANK FARM
Facility Address :	4100 AIRPORT DR., OILDALE, CA 93388-5446
County :	Kern

Site Details

CUPA :	Kern
Owner Name :	TRICOR REFINING
Total Gallons :	5,586,452

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name :	LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION 4100 AIRPORT DR BAKERSFIELD | OILDALE | Bakersfield, CA
Database(s) :	[CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

HIST AST - CA *(cont.)*

Last Date in Agency List :	2012-10-01

HIST HWP - CA

Facility Name :	CHEMTURA CORPORATION
Facility Address :	4100 AIRPORT DR, OILDALE, 93308
County :	KERN
Status Date :	N/R
Status :	CLOSED - LAND USE RESTRICTIONS
Envirostor ID :	CAT080018658
Program Type :	HAZ WASTE - RCRA
Site Code :	100320
CalEnviroScreen Score :	86-90%
Latitude :	35.443398
Longitude :	-119.036434
Last Date in Agency List :	2018-06-22

HWG - CA

Facility Name :	CROMPTON CORPORATION
Facility Address :	4100 AIRPORT DR, OILDALE, CA 93308
County :	KERN
EPA ID :	CAC002324729
Status :	Inactive
Category :	STATE
Type :	TEMPORARY
Facility Type :	N/R
Mailing Address :	1 AMERICAN LANE, GRENWICH, CT 068310000
Owner Name :	CROMPTON CORP
Owner Address :	1 AMERICAN LANE, GRENWICH, CT 068310000
Operator Name :	AL NEISHEIWAT/ ENVIRO MGR
Operator Address :	1 AMERICAN LANE, GRENWICH, CT 068310000
Latitude :	35.444923
Longitude :	-119.038626
Facility Name :	LANXESS CORPORATION
Facility Address :	4100 AIRPORT DR, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAT080018658
Status :	Active
Category :	FEDERAL
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	2 ARMSTRONG RD, SHELTON, CT 064840000
Owner Name :	LANXESS SOLUTIONS US INC

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name : LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION
4100 AIRPORT DR
BAKERSFIELD | OILDALE | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

HWG - CA *(cont.)*

Owner Address :	2 ARMSTRONG RD, SHELTON, CT 064840000
Operator Name :	RAMIN ANSARI
Operator Address :	2 ARMSTRONG RD., SHELTON, CT 06484
Latitude :	35.448463
Longitude :	-119.038136

Facility Name :	LANXESS SOLUTIONS US, INC.
Facility Address :	4100 AIRPORT DR, BAKERSFIELD, CA 93308
County :	KERN

EPA ID :	CAT080018658
Status :	Active
Category :	FEDERAL
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	2 ARMSTRONG RD, SHELTON, CT 064840000
Owner Name :	LANXESS SOLUTIONS US INC
Owner Address :	2 ARMSTRONG RD, SHELTON, CT 064840000
Operator Name :	RAMIN ANSARI
Operator Address :	2 ARMSTRONG RD., SHELTON, CT 06484
Latitude :	35.448463
Longitude :	-119.038136

HWP - CA

Facility Name :	LANXESS CORPORATION
Facility Address :	4100 AIRPORT DR, BAKERSFIELD, CA 933080000
County :	KERN

Site Details

EPA ID :	CAT080018658
Site Code :	100320
Facility Type :	Historical - Non-Operating
Status :	CLOSED
Team :	N/R
Facility Size :	N/R
Project Manager :	N/R
Assembly District :	32
Senate District :	12
Public Information Officer :	N/R
Public Participation Specialist :	N/R
Latitude :	35.443398
Longitude :	-119.036434
Last Date in Agency List :	2024-10-01

Alias :	100320
Alias Type :	Project Code (Site Code)

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name : LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION
4100 AIRPORT DR
BAKERSFIELD | OILDALE | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

HWP - CA *(cont.)*

Completed Activities Details
- Completed Date : N/R
- Unit Names : N/R
- Event Description : N/R

Undergoing Closure Details
- Completed Date : 2018-06-05
- Unit Names : UNIT1
- Event Description : Closure Administrative - ISSUE CLOSURE VERIFICATION

Maintenance Information
- Received Date : N/R
- Title : N/R
- Document Type : N/R

- Facility Name : LANXESS SOLUTIONS US, INC.
- Facility Address : 4100 AIRPORT DR, BAKERSFIELD, CA 933080000
- County : KERN

Site Details
- EPA ID : CAT080018658
- Site Code : 100320
- Facility Type : Historical - Non-Operating
- Status : CLOSED
- Team : N/R
- Facility Size : N/R
- Project Manager : N/R
- Assembly District : 34
- Senate District : 16
- Public Information Officer : N/R
- Public Participation Specialist : N/R
- Latitude : 35.443398
- Longitude : -119.036434
- Last Date in Agency List : 2021-06-07

- Alias : 100320
- Alias Type : Project Code (Site Code)

Completed Activities Details
- Completed Date : N/R
- Unit Names : N/R
- Event Description : N/R

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name : LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION
4100 AIRPORT DR
BAKERSFIELD | OILDALE | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

HWP - CA *(cont.)*

Undergoing Closure Details

Completed Date :	2018-06-05
Unit Names :	UNIT1
Event Description :	Closure Administrative - ISSUE CLOSURE VERIFICATION

Maintenance Information

Received Date :	N/R
Title :	N/R
Document Type :	N/R

RCRA_SQG

Facility Name :	LANXESS SOLUTIONS US, INC.
Facility Address :	4100 AIRPORT DR, BAKERSFIELD, CA 93308
County :	KERN
Date Form Received by Agency :	2018-07-02
EPA ID :	CAT080018658
Mailing Address :	199 BENSON RD, MIDDLEBURY, CT 06749
Contact :	RAMIN ANSARI
Contact Address :	199 BENSON RD, MIDDLEBURY, CT 06749
Contact Country :	US
Contact Telephone :	765-427-3535
Contact Email :	RAMIN.ANSARI@CHEMTURA.COM
EPA Region :	09
Land Type :	Private
Source Type :	Notification
Classification :	Small Quantity Generator
Description :	Handlers that generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.
Last Date in Agency List :	2024-12-17

Owner/Operator Summary

Owner/Operator Name :	LANXESS SOLUTIONS US INC
Owner/Operator Address :	199 BENSON RD, MIDDLEBURY, CT 06749
Owner/Operator Country :	US
Owner/Operator Telephone :	203-573-2307
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	2017-04-21

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name : LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION
4100 AIRPORT DR
BAKERSFIELD | OILDALE | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

RCRA_SQG *(cont.)*

Owner/Operator End Date : N/R

Owner/Operator Name : LANXESS SOLUTIONS US INC
Owner/Operator Address : 199 BENSON RD, MIDDLEBURY, CT 06749
Owner/Operator Country : US
Owner/Operator Telephone : 203-573-2307
Owner/Operator Email : N/R
Owner/Operator Fax : N/R
Legal Status : Private
Owner/Operator Type : Owner
Owner/Operator Start Date : 2017-04-21
Owner/Operator End Date : N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste : N
Mixed Waste (Haz. and Radioactive) : N
Recycler of Hazardous Waste : N
Transporter of Hazardous Waste : N
Treater, Storer or Disposer of HW : N
Underground Injection Activity : N
On-site Burner Exemption : N
Furnace Exemption : N
Used Oil Fuel Burner : N
Used Oil Processor : N
Used Oil Refiner : N
Used Oil Fuel Marketer to Burner : N
Used Oil Specification Marketer : N
Used Oil Transfer Facility : N
Used Oil Transporter : N

Historical Generators

Date Form Received by Agency : 2012-07-18
Facility Name : CHEMTURA CORP
Classification : Small Quantity Generator

Date Form Received by Agency : 2001-07-24
Facility Name : TRICOR REFINING L L C
Classification : Small Quantity Generator

Date Form Received by Agency : 1981-09-24
Facility Name : TRICOR REFINING L L C
Classification : Not a generator, verified

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name : LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION
4100 AIRPORT DR
BAKERSFIELD | OILDALE | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

RCRA_SQG *(cont.)*

Hazardous Waste Summary
Waste Code / Name :
331 - Off-specification, aged, or surplus organics
343 - Unspecified organic liquid mixture
352 - Other organic solids
D002 - CORROSIVE WASTE
D008 - LEAD

Corrective Action Summary
Date / Status / CA Event Description:
1997-06-30 (Inactive) CA050RF - RFA COMPLETED-ASSESSMENT WAS A RFA
1992-05-18 (Active) CA075ME - CA PRIORITIZATION-MEDIUM CA PRIORITY
1992-05-18 (Active) CA225YE - STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION
1992-03-31 (Active) CA075ME - CA PRIORITIZATION-MEDIUM CA PRIORITY
1992-03-31 (Active) CA029WQ - LEAD AGENCY DETERMINATION
1992-03-31 (Active) CA049RE - PA OR CERCLA INSPECTION
1985-09-01 (Active) CA049PA - PA OR CERCLA INSPECTION
(Active) CA036ST - DEFERRAL TO ANOTHER AGENCY
(Inactive) CA050RF - RFA COMPLETED-ASSESSMENT WAS A RFA
(Active) CA036WQ - DEFERRAL TO ANOTHER AGENCY

Notices of Violations Summary

Date of Violation :	1992-06-04
Date Achieved Compliance :	1992-07-31
Regulation Violated :	Y
Area of Violation :	TSD - Financial Requirements
Enforcement Action :	WRITTEN INFORMAL
Enforcement Action Date :	1992-07-30
Enf. Disposition Status :	N/R
Enf. Disp. Status Date :	N/R
Violation Lead Agency :	State
Enforcement Lead Agency :	State
Proposed Penalty Amount :	N/R
Final Penalty Amount :	N/R
Paid Penalty Amount :	N/R

Date of Violation :	1992-06-04
Date Achieved Compliance :	1992-07-31
Regulation Violated :	Y
Area of Violation :	TSD - Closure/Post-Closure
Enforcement Action :	WRITTEN INFORMAL
Enforcement Action Date :	1992-07-30
Enf. Disposition Status :	N/R
Enf. Disp. Status Date :	N/R
Violation Lead Agency :	State
Enforcement Lead Agency :	State

Map Id: 7
Direction: E
Distance: 0.068 mi., 359 ft.
Elevation: 606 ft.
Relative: Higher

Site Name : LANXESS SOLUTIONS US, INC. | TRICOR REFINING LLC | LANXESS CORPORATION
4100 AIRPORT DR
BAKERSFIELD | OILDALE | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, CERCLIS-HIST, CORRACTS, ENVIROSTOR - CA, HAZNET - CA, HIST AST - CA, HIST HWP - CA, HWG - CA, HWP - CA, RCRA_SQG] *(cont.)*

Envirosite ID: 58200545
EPA ID: N/R

RCRA_SQG *(cont.)*

Proposed Penalty Amount :	N/R
Final Penalty Amount :	N/R
Paid Penalty Amount :	N/R

Evaluation Action Summary

Evaluation Date :	1992-06-04
Evaluation :	COMPLIANCE EVALUATION INSPECTION
Area of Violation :	TSD - Financial Requirements
Date Achieved Compliance :	1992-07-31
Evaluation Lead Agency :	State

Evaluation Date :	1992-06-04
Evaluation :	COMPLIANCE EVALUATION INSPECTION
Area of Violation :	TSD - Closure/Post-Closure
Date Achieved Compliance :	1992-07-31
Evaluation Lead Agency :	State

Evaluation Date :	1990-08-17
Evaluation :	FINANCIAL RECORD REVIEW
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Evaluation Date :	1990-07-16
Evaluation :	COMPLIANCE EVALUATION INSPECTION
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Map Id: A8
Direction: NE
Distance: 0.087 mi., 458 ft.
Elevation: 636 ft.
Relative: Higher

Site Name : LEONARD TAYLOR TRUCKING DBA BT VACUUM SER | B AND T VACUUM SERVICE
1030 PETROL RD
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA]

Envirosite ID: 58200544
EPA ID: CAL000307714

HAZNET - CA

Facility Name :	LEONARD TAYLOR TRUCKING DBA BT VACUUM SER
Facility Address :	1030 PETROL RD, BAKERSFIELD, CA 93308
County :	KERN

Map Id: A8
Direction: NE
Distance: 0.087 mi., 458 ft.
Elevation: 636 ft.
Relative: Higher

Site Name : LEONARD TAYLOR TRUCKING DBA BT VACUUM SER | B AND T VACUUM SERVICE
1030 PETROL RD
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA) *(cont.)*

Envirosite ID: 58200544
EPA ID: CAL000307714

HAZNET - CA *(cont.)*

Site Details

Generator EPA ID :	CAL000307714
Active :	Inactive
Category :	STATE
Facility Types :	N/R
Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	11909 SNOWBERRY LN, BAKERSFIELD, CA 933120000
Latitude :	35.44858669
Longitude :	-119.03905597
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

Waste Generator Details

State Waste :	2010: 223 - Unspecified oil-containing waste, 0.22935 tons to CAL000282598 2010: 221 - Waste oil and mixed oil, 0.209 tons to CAL000282598

HWG - CA

Facility Name :	LEONARD TAYLOR TRUCKING DBA BT VACUUM SER
Facility Address :	1030 PETROL RD, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAL000307714
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	11909 SNOWBERRY LN, BAKERSFIELD, CA 933120000
Owner Name :	LEONARD TAYLOR TRUCKING INC
Owner Address :	11909 SNOWBERRY LN, BAKERSFIELD, CA 933120000
Operator Name :	TREVIS TAYLOR
Operator Address :	1030 PETROL RD, BAKERSFIELD, CA 933080000
Latitude :	35.448522
Longitude :	-119.038587

Map Id: A9
Direction: NE
Distance: 0.088 mi., 465 ft.
Elevation: 636 ft.
Relative: Higher

Site Name : LIBERTY LIFT SOLUTIONS
4760 AIRPORT DR
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA]

Envirosite ID: 58200548
EPA ID: CAC002822840

HAZNET - CA

Facility Name :	LIBERTY LIFT SOLUTIONS

Map Id: A9
Direction: NE
Distance: 0.088 mi., 465 ft.
Elevation: 636 ft.
Relative: Higher

Site Name : LIBERTY LIFT SOLUTIONS
4760 AIRPORT DR
BAKERSFIELD, CA 93308
Database(s) : [HAZNET - CA, HWG - CA) *(cont.)*

Envirosite ID: 58200548
EPA ID: CAC002822840

HAZNET - CA *(cont.)*

Facility Address : 4760 AIRPORT DR, BAKERSFIELD, CA 93308
County : KERN

Site Details
Generator EPA ID : CAC002822840
Active : Inactive
Category : STATE
Facility Types : N/R
Type : TEMPORARY
Contact Name : N/R
Contact Phone : N/R
Facility Mailing Address : 1803 HIGHWAY 65, BAKERSFIELD, CA 93308
Latitude : 35.44942224
Longitude : -119.03847097
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2021-07-08

HWG - CA

Facility Name : LIBERTY LIFT SOLUTIONS
Facility Address : 4760 AIRPORT DR, BAKERSFIELD, CA 93308
County : KERN

EPA ID : CAC002822840
Status : Inactive
Category : STATE
Type : TEMPORARY
Facility Type : N/R
Mailing Address : 1803 HIGHWAY 65, BAKERSFIELD, CA 93308
Owner Name : LIBERTY LIFT SOLUTIONS
Owner Address : 1803 HIGHWAY 65, BAKERSFIELD, CA 93308
Operator Name : DAVID WYATT
Operator Address : 1803 HIGHWAY 65, BAKERSFIELD, CA 93308
Latitude : 35.449422
Longitude : -119.038471

Map Id: A10
Direction: NE
Distance: 0.118 mi., 625 ft.
Elevation: 638 ft.
Relative: Higher

Site Name : ELECTRICAL POWER SERVICES INC | R TRUCKING
4842 AIRPORT DR
BAKERSFIELD, CA 93308
Database(s) : [HAZNET - CA, HWG - CA]

Envirosite ID: 58200550
EPA ID: CAL000347263

HAZNET - CA

Facility Name : ELECTRICAL POWER SERVICES INC
Facility Address : 4842 AIRPORT DR, BAKERSFIELD, CA 93308
County : KERN

Map Id: A10
Direction: NE
Distance: 0.118 mi., 625 ft.
Elevation: 638 ft.
Relative: Higher

Site Name : ELECTRICAL POWER SERVICES INC | R TRUCKING
4842 AIRPORT DR
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA) *(cont.)*

Envirosite ID: 58200550
EPA ID: CAL000347263

HAZNET - CA *(cont.)*

Site Details

Generator EPA ID :	CAL000347263
Active :	Inactive
Category :	STATE
Facility Types :	N/R
Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	5603 ALDRIN CT, BAKERSFIELD, CA 93313
Latitude :	35.45000196
Longitude :	-119.03846070
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08
Facility Name :	R TRUCKING
Facility Address :	4842 AIRPORT DRIVE, BAKERSFIELD, CA 93308
County :	KERN

Site Details

Generator EPA ID :	CAL000121987
Active :	Inactive
Category :	STATE
Facility Types :	N/R
Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	4842 AIRPORT DR, BAKERSFIELD, CA 933089786
Latitude :	35.45000202
Longitude :	-119.03846058
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

HWG - CA

Facility Name :	ELECTRICAL POWER SERVICES INC
Facility Address :	4842 AIRPORT DR, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAL000347263
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	5603 ALDRIN CT, BAKERSFIELD, CA 93313
Owner Name :	ELECTRICAL POWER SERVICES INC
Owner Address :	4842 AIRPORT DR, BAKERSFIELD, CA 933089786
Operator Name :	RICK MILLER
Operator Address :	9157 VAL DI CHIANA DR, BAKERSFIELD, CA 93314
Latitude :	35.448143
Longitude :	-119.038587

Map Id: A10
Direction: NE
Distance: 0.118 mi., 625 ft.
Elevation: 638 ft.
Relative: Higher

Site Name : ELECTRICAL POWER SERVICES INC | R TRUCKING
4842 AIRPORT DR
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA] *(cont.)*

Envirosite ID: 58200550
EPA ID: CAL000347263

HWG - CA *(cont.)*

Facility Name :	R TRUCKING
Facility Address :	4842 AIRPORT DRIVE, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAL000121987
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	4842 AIRPORT DR, BAKERSFIELD, CA 933089786
Owner Name :	RIC MARINKOVICH
Owner Address :	4842 AIRPORT DR, BAKERSFIELD, CA 933089786
Operator Name :	MAURICE CAOUETTE/UNDELIV V98PH
Operator Address :	4842 AIRPORT DR, BAKERSFIELD, CA 933089786
Latitude :	35.450669
Longitude :	-119.038529

Map Id: 11
Direction: SW
Distance: 0.119 mi., 631 ft.
Elevation: 542 ft.
Relative: Lower

Site Name : CALIBER COLLISION CENTER - BAKERSFIELD - AIRPORT 1279 | CALIBER COLLISION CENTERS
1322 CITATION WAY
BAKERSFIELD, CA

Database(s) : [CALEPA SITES - CA, HWG - CA, RCRA_NONGEN, RCRA_SQG]

Envirosite ID: 58200551
EPA ID: CAR000372052

CALEPA SITES - CA

Facility Name :	CALIBER COLLISION CENTER - BAKERSFIELD - AIRPORT 1279
Facility Address :	1322 CITATION WAY, BAKERSFIELD, 93308
Site ID :	615108
EI ID :	10904665
EI Description :	Hazardous Waste Generator
Latitude :	35.440450
Longitude :	-119.049260
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-05-23
Site ID :	615108
EI ID :	10904665
EI Description :	Chemical Storage Facilities
Latitude :	35.440450
Longitude :	-119.049260
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-05-23

Map Id: 11
Direction: SW
Distance: 0.119 mi., 631 ft.
Elevation: 542 ft.
Relative: Lower

Site Name : CALIBER COLLISION CENTER - BAKERSFIELD - AIRPORT 1279 | CALIBER COLLISION CENTERS
1322 CITATION WAY
BAKERSFIELD, CA

Database(s) : [CALEPA SITES - CA, HWG - CA, RCRA_NONGEN, RCRA_SQG] *(cont.)*

Envirosite ID: 58200551
EPA ID: CAR000372052

HWG - CA

Facility Name :	CALIBER COLLISION CENTER - BAKERSFIELD - AIRPORT #1279
Facility Address :	1322 CITATION WAY, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAR000372052
Status :	Active
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	2941 LAKE VISTA DR, LEWISVILLE, TX 750670000
Owner Name :	CALIBER BODYWORKS LLC
Owner Address :	2941 LAKE VISTA DR, LEWISVILLE, TX 750670000
Operator Name :	GREGORY NICHOLS
Operator Address :	2941 LAKE VISTA DR, LEWISVILLE, TX 75067
Latitude :	35.439839
Longitude :	-119.048438

Facility Name :	CALIBER COLLISION CENTER -BAKERSFIELD-AIRPORT 1279
Facility Address :	1322 CITATION WAY, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAL000471164
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	2941 LAKE VISTA DR, LEWISVILLE, TX 750670000
Owner Name :	CALIBER COLIISION BODYWORKS LLC
Owner Address :	2941 LAKE VISTA DRIVE, LEWISVILLE, TX 750670000
Operator Name :	CHRISTINE ABAD
Operator Address :	2018 TAYLOR ROAD, ROSEVILLE, CA 95624
Latitude :	N/R
Longitude :	N/R

RCRA_NONGEN

Facility Name :	CALIBER COLLISION CENTER - BAKERSFIELD - AIRPORT 1279
Facility Address :	1322 CITATION WAY, BAKERSFIELD, CA 93308
County :	KERN
Date Form Received by Agency :	2024-06-28
EPA ID :	CAL000471164
Mailing Address :	2941 LAKE VISTA DR, LEWISVILLE, TX 75067
Contact :	SHARON LAWRENCE
Contact Address :	2941 LAKE VISTA DR, LEWISVILLE, TX 75067
Contact Country :	US
Contact Telephone :	469-948-9500
Contact Email :	LICENSEANDPERMITS@CALIBERCOLLISION.COM
EPA Region :	09
Land Type :	Not Reported

Map Id: 11
Direction: SW
Distance: 0.119 mi., 631 ft.
Elevation: 542 ft.
Relative: Lower

Site Name : CALIBER COLLISION CENTER - BAKERSFIELD - AIRPORT 1279 | CALIBER COLLISION CENTERS
1322 CITATION WAY
BAKERSFIELD, CA

Database(s) : [CALEPA SITES - CA, HWG - CA, RCRA_NONGEN, RCRA_SQG] *(cont.)*

Envirosite ID: 58200551
EPA ID: CAR000372052

RCRA_NONGEN *(cont.)*

Source Type :	Deactivation
Classification :	Not a generator, verified
Description :	Not a generator, verified
Last Date in Agency List :	2024-12-17

Owner/Operator Summary

Owner/Operator Name :	CALIBER BODYWORKS LLC
Owner/Operator Address :	7 OLDFIELD BLVD, IRVINE, CA 92618
Owner/Operator Country :	US
Owner/Operator Telephone :	469-948-9500
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Owner/Operator Name :	CALIBER BODYWORKS LLC
Owner/Operator Address :	7 OLDFIELD BLVD, IRVINE, CA 92618
Owner/Operator Country :	US
Owner/Operator Telephone :	469-948-9500
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N/R
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Map Id: 11
Direction: SW
Distance: 0.119 mi., 631 ft.
Elevation: 542 ft.
Relative: Lower

Site Name : CALIBER COLLISION CENTER - BAKERSFIELD - AIRPORT 1279 | CALIBER COLLISION CENTERS
1322 CITATION WAY
BAKERSFIELD, CA

Database(s) : [CALEPA SITES - CA, HWG - CA, RCRA_NONGEN, RCRA_SQG] *(cont.)*

Envirosite ID: 58200551
EPA ID: CAR000372052

RCRA_NONGEN *(cont.)*

Historical Generators

Date Form Received by Agency :	2022-10-19
Facility Name :	CALIBER COLLISION CENTER - BAKERSFIELD - AIRPORT 1279
Classification :	Not a generator, verified
Date Form Received by Agency :	2022-06-07
Facility Name :	CALIBER COLLISION CENTERS
Classification :	Not a generator, verified

Notices of Violations Summary

Regulation Violated :	N

RCRA_SQG

Facility Name :	CALIBER COLLISION CENTER - BAKERSFIELD - AIRPORT #1279
Facility Address :	1322 CITATION WAY, BAKERSFIELD, CA 93308
County :	KERN
Date Form Received by Agency :	2024-05-13
EPA ID :	CAR000372052
Mailing Address :	2941 LAKE VISTA DRIVE, LEWISVILLE, TX 75067
Contact :	GREGORY NICHOLS
Contact Address :	2941 LAKE VISTA DRIVE, LEWISVILLE, TX 75067
Contact Country :	US
Contact Telephone :	469-948-9500
Contact Email :	LICENSEANDPERMITS@CALIBERCOLLISON.COM
EPA Region :	09
Land Type :	Private
Source Type :	Notification
Classification :	Small Quantity Generator
Description :	Handlers that generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.
Last Date in Agency List :	2024-12-17

Owner/Operator Summary

Owner/Operator Name :	CALIBER BODYWORKS LLC
Owner/Operator Address :	2941 LAKE VISTA DRIVE, LEWISVILLE, TX 75067
Owner/Operator Country :	US
Owner/Operator Telephone :	469-948-9500
Owner/Operator Email :	LICENSEANDPERMITS@CALIBERCOLLISON.COM
Owner/Operator Fax :	N/R
Legal Status :	Private

Map Id: 11
Direction: SW
Distance: 0.119 mi., 631 ft.
Elevation: 542 ft.
Relative: Lower

Site Name : CALIBER COLLISION CENTER - BAKERSFIELD - AIRPORT 1279 | CALIBER COLLISION CENTERS
1322 CITATION WAY
BAKERSFIELD, CA

Database(s) : [CALEPA SITES - CA, HWG - CA, RCRA_NONGEN, RCRA_SQG] *(cont.)*

Envirosite ID: 58200551
EPA ID: CAR000372052

RCRA_SQG *(cont.)*

Owner/Operator Type :	Operator
Owner/Operator Start Date :	2022-08-07
Owner/Operator End Date :	N/R
Owner/Operator Name :	CALIBER BODYWORKS LLC
Owner/Operator Address :	2941 LAKE VISTA DRIVE, LEWISVILLE, TX 75067
Owner/Operator Country :	US
Owner/Operator Telephone :	469-948-9500
Owner/Operator Email :	LICENSEANDPERMITS@CALIBERCOLLISON.COM
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	2022-08-07
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N/R
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Hazardous Waste Summary

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your Envirosite account representative for a complimentary site report containing all of the details available.

Waste Code / Name :
212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
221 - Waste oil and mixed oil
291 - Latex waste
342 - Organic liquids with metals (see 121)
352 - Other organic solids
D001 - IGNITABLE WASTE
D005 - BARIUM
D006 - CADMIUM
D007 - CHROMIUM
D008 - LEAD

Map Id: 11
Direction: SW
Distance: 0.119 mi., 631 ft.
Elevation: 542 ft.
Relative: Lower

Site Name : CALIBER COLLISION CENTER - BAKERSFIELD - AIRPORT 1279 | CALIBER COLLISION CENTERS
1322 CITATION WAY
BAKERSFIELD, CA

Database(s) : [CALEPA SITES - CA, HWG - CA, RCRA_NONGEN, RCRA_SQG] *(cont.)*

Envirosite ID: 58200551
EPA ID: CAR000372052

RCRA_SQG *(cont.)*

Notices of Violations Summary
Regulation Violated : N

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA]

Envirosite ID: 58200547
EPA ID: CAD059785352

AST_KERN COUNTY - CA

Facility Name : KS INDUSTRIES - Fleet
Facility Address : 900 Petrol Rd, Bakersfield, CA 93308

Site Details
Facility ID : FA0002404
CERS ID : 10233448
Last HMIRRP Date : N/R
Billing Status : Active, billable
Program/Element Code : CD01
Program/Element : APSA 1,320-9,999 GALLON CAPACITY
Current Inspection Date : 2027-01-01
Designated Employee : BODDETI
Mailing Address : 6205 DISTRICT BLVD, BAKERSFIELD, CA 93313
Mailing Address 2 : N/R
Last Date in Agency List : 2025-01-20

CALEPA SITES - CA

Facility Name : KS INDUSTRIES - FLEET
Facility Address : 900 PETROL RD, BAKERSFIELD, 93308

Site ID : 128395
EI ID : 10233448
EI Description : Hazardous Waste Generator
Latitude : 35.449493
Longitude : -119.036911
Agency Hyperlink : Click here for hyperlink provided by the agency.

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

CALEPA SITES - CA *(cont.)*

Last Date in Agency List : 2024-05-23

Site ID : 128395
EI ID : 10233448
EI Description : Aboveground Petroleum Storage
Latitude : 35.449493
Longitude : -119.036911
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

Site ID : 128395
EI ID : 10233448
EI Description : Chemical Storage Facilities
Latitude : 35.449493
Longitude : -119.036911
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

Site ID : 128395
EI ID : 10233448
EI Description : Underground Storage Tank
Latitude : 35.449493
Longitude : -119.036911
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

Facility Name : N.L. MCCULLOUGH CO.
Facility Address : 900 PETROL RD, BAKERSFIELD, 93308

Site ID : 897233
EI ID : T0602900159
EI Description : Leaking Underground Storage Tank Cleanup Site
Latitude : 35.449494
Longitude : -119.036915
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

Site ID : 211896
EI ID : T0602900159
EI Description : Leaking Underground Storage Tank Cleanup Site
Latitude : 35.449494
Longitude : -119.036915
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2022-12-21

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

CALEPA SITES - CA *(cont.)*

Site ID :	671220
EI ID :	T0602900159
EI Description :	Leaking Underground Storage Tank Cleanup Site
Latitude :	35.449494
Longitude :	-119.036915
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2023-07-21

HAZNET - CA

Facility Name :	BURTCH TRUCKING INC
Facility Address :	900 PETROL RD, BAKERSFIELD, CA 93308
County :	KERN

Site Details

Generator EPA ID :	CAD059785352
Active :	Inactive
Category :	FEDERAL
Facility Types :	N/R
Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	900 PETROL RD, BAKERSFIELD, CA 933080000
Latitude :	35.44859967
Longitude :	-119.03750666
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

Facility Name :	KEN SMALL CONSTRUCTION, INC
Facility Address :	900 Petrol Rd, BAKERSFIELD, CA 93308
County :	KERN

Site Details

Generator EPA ID :	CAL000250864
Active :	Inactive
Category :	STATE
Facility Types :	N/R
Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	6205 DISTRICT BLVD, BAKERSFIELD, CA 933130000
Latitude :	35.44859967
Longitude :	-119.03750666
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

HAZNET - CA *(cont.)*

Facility Name : KS INDUSTRIES LP
Facility Address : 900 PETROL RD, BAKERSFIELD, CA 93308
County : KERN

Site Details
Generator EPA ID : CAL000272907
Active : Inactive
Category : STATE
Facility Types : N/R
Type : PERMANENT
Contact Name : N/R
Contact Phone : N/R
Facility Mailing Address : 6205 DISTRICT BLVD, BAKERSFIELD, CA 933130000
Latitude : 35.44859967
Longitude : -119.03750666
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2021-07-08

Waste Generator Details
State Waste :
2018: 352 - Other organic solids, 0.92500 tons to CAL000330453
2018: 352 - Other organic solids, 0.07500 tons to CAL000330453
2018: 221 - Waste oil and mixed oil, 0.00000 tons to KSD980633259
2018: 331 - Off-specification, aged or surplus organics, 0.36300 tons to KSD980633259
2017: 352 - Other organic solids, 0.1 tons to CAL000368136
2017: 352 - Other organic solids, 0.725 tons to CAL000330453
2016: 352 - Other organic solids, 0.15 tons to CAL000330453
2015: 181 - Other inorganic solid waste, 0.1 tons to CAD008302903
2015: 352 - Other organic solids, 0.1 tons to CAD028409019
2014: 352 - Other organic solids, 0.0875 tons to CAL000282598
2014: 181 - Other inorganic solid waste, 0.175 tons to CAD008302903
2013: 181 - Other inorganic solid waste, 0.4125 tons to CAD008302903
2013: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.), 0.68805 tons to CAD008302903
2011: 352 - Other organic solids, 0.1 tons to CAL000282598
2010: 352 - Other organic solids, 0.225 tons to CAL000282598
2009: 352 - Other organic solids, 0.15 tons to CAL000282598
2008: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.), 0.06255 tons to CAD028409019
2008: 551 - Laboratory waste chemicals, 0.0417 tons to CAD028409019
2008: 551 - Laboratory waste chemicals, 0.00834 tons to CAD028409019
2008: 352 - Other organic solids, 0.6 tons to CAD982444481
2008: 331 - Off-specification, aged or surplus organics, 0.297 tons to CAD982444481
2005: 343 - Unspecified organic liquid mixture, 0.136 tons to CAD982444481

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

HAZNET - CA *(cont.)*

2005: 352 - Other organic solids, 0.05 tons to CAD982444481
2005: 352 - Other organic solids, 0.5 tons to CAD982444481
2004: 223 - Unspecified oil-containing waste, 0.4 tons to NVD980895338

Facility Name : MCCULLOGH
Facility Address : 900 PETROL RD, BAKERSFIELD, CA 93308
County : KERN

Site Details
Generator EPA ID : CAL000010246
Active : Inactive
Category : STATE
Facility Types : N/R
Type : PERMANENT
Contact Name : N/R
Contact Phone : N/R
Facility Mailing Address : 900 PETROL RD, BAKERSFIELD, CA 933080000
Latitude : 35.44859967
Longitude : -119.03750666
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2021-07-08

Facility Name : N L MCCULLOUGH
Facility Address : 900 PETROL, BAKERSFIELD, CA 93308
County : KERN

Site Details
Generator EPA ID : CAD981973464
Active : Inactive
Category : FEDERAL
Facility Types : N/R
Type : PERMANENT
Contact Name : N/R
Contact Phone : N/R
Facility Mailing Address : 900 PETROL, BAKERSFIELD, CA 933080000
Latitude : 35.44859967
Longitude : -119.03750666
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2021-07-08

Facility Name : ULTRANS
Facility Address : 900 PETROL RD., BAKERSFIELD, CA 93308
County : KERN

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

HAZNET - CA *(cont.)*

Site Details

Generator EPA ID :	CAL922893179
Active :	Inactive
Category :	STATE
Facility Types :	N/R
Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	900 PETROL RD., BAKERSFIELD, CA 933080000
Latitude :	35.44897500
Longitude :	-119.03672700
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

HIST UST - CA

Facility Name :	BURTCH FACILITIES
Facility Address :	900PETROL ROAD, BAKERSFIELD, 93308
County :	Kern
PDF Link :	Click here for hyperlink provided by the agency.

HWG - CA

Facility Name :	BURTCH TRUCKING INC
Facility Address :	900 PETROL RD, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAD059785352
Status :	Inactive
Category :	FEDERAL
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	900 PETROL RD, BAKERSFIELD, CA 933080000
Owner Name :	RICHARD YARBROUGH, VP
Owner Address :	N/A
Operator Name :	UNDELIVERABLE PER SURVEY
Operator Address :	12/94 NW, N/A
Latitude :	35.448477
Longitude :	-119.036625
Facility Name :	KEN SMALL CONSTRUCTION, INC
Facility Address :	900 Petrol Rd, BAKERSFIELD, CA 93308
County :	KERN

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

HWG - CA *(cont.)*

EPA ID :	CAL000250864
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	6205 DISTRICT BLVD, BAKERSFIELD, CA 933130000
Owner Name :	KEN SMALL CONSTRUCTION
Owner Address :	5024 AIRPORT DRIVE, BAKERSFIELD, CA 93308
Operator Name :	MARIO POMPA/MAINT PLANNER
Operator Address :	5024 AIRPORT DR, BAKERSFIELD, CA 93308
Latitude :	35.448636
Longitude :	-119.037039
Facility Name :	KS INDUSTRIES LP
Facility Address :	900 PETROL RD, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAL000272907
Status :	Active
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	6205 DISTRICT BLVD, BAKERSFIELD, CA 933130000
Owner Name :	KS INDUSTRIES LP
Owner Address :	6205 DISTRICT BLVD, BAKERSFIELD, CA 933130000
Operator Name :	PHILLIP CLARKE
Operator Address :	6205 DISTRICT BLVD, BAKERSFIELD, CA 93313
Latitude :	35.44949
Longitude :	-119.03684
Facility Name :	MCCULLOGH
Facility Address :	900 PETROL RD, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAL000010246
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	900 PETROL RD, BAKERSFIELD, CA 933080000
Owner Name :	NL INDUSTRIAL
Owner Address :	N/A
Operator Name :	UNDELIVERABLE PER SURVEY
Operator Address :	12/94 NW, N/A
Latitude :	35.448533
Longitude :	-119.03725

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

HWG - CA *(cont.)*

Facility Name : N L MCCULLOUGH
Facility Address : 900 PETROL, BAKERSFIELD, CA 93308
County : KERN

EPA ID : CAD981973464
Status : Inactive
Category : FEDERAL
Type : PERMANENT
Facility Type : N/R
Mailing Address : 900 PETROL, BAKERSFIELD, CA 933080000
Owner Name : N/R
Owner Address : N/A
Operator Name : UNDELIVERABLE PER SURVEY
Operator Address : 12/94 NW, N/A
Latitude : 35.448477
Longitude : -119.036625

Facility Name : ULTRANS
Facility Address : 900 PETROL RD., BAKERSFIELD, CA 93308
County : KERN

EPA ID : CAL922893179
Status : Inactive
Category : STATE
Type : PERMANENT
Facility Type : N/R
Mailing Address : 900 PETROL RD., BAKERSFIELD, CA 933080000
Owner Name : ULTRANS INC
Owner Address : 900 PETROL RD., BAKERSFIELD, CA 933080000
Operator Name : UNDELIVERABLE FEE FORM 1995 NJ
Operator Address : 900 PETROL RD, BAKERSFIELD, CA 933080000
Latitude : 35.448533
Longitude : -119.03725

LUST REG 5 - CA

Facility Name : N.L. MCCULLOUGH CO.
Facility Address : 900 PETROL RD, BAKERSFIELD, CA 93308
County : Kern

Site Details
Status Date : 1990-06-14
Status : Completed - Case Closed
Begin Date : 1988-07-27
Global ID : T0602900159

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

LUST REG 5 - CA *(cont.)*

Region :	REGION 5
Site History :	N/R
RB Case Number :	5T15000160
Potential Media Affected :	Soil
Potential Contaminants of Concern :	Diesel
Local Agency :	KERN COUNTY
Local Case Number :	010015
Lead Agency :	KERN COUNTY
File Location :	N/R
CUF Case :	NO
Caseworker :	JAN
Case Type :	LUST Cleanup Site
How Discovered :	Tank Closure
How Discovered Description :	N/R
Stop Method :	N/R
Stop Description :	N/R
Calwater Watershed Name :	South Valley Floor - Kern Delta (557.10)
DWR Groundwater Subbasin Name :	San Joaquin Valley - Kern County (5-022.14)
Disadvantaged Community :	N/R
Latitude :	35.449494
Longitude :	-119.036915
Agency URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-10-07

Contacts Summary

Global ID :	T0602900159
Contact Name :	JOHN WHITING
Contact Type :	Regional Board Caseworker
Organization Name :	CENTRAL VALLEY RWQCB (REGION 5F)
Address :	1685 E STREET
City :	FRESNO
Phone Number :	N/R
Email :	john.whiting@waterboards.ca.gov

Global ID :	T0602900159
Contact Name :	JANIS LEHMAN
Contact Type :	Local Agency Caseworker - Primary Caseworker
Organization Name :	KERN COUNTY
Address :	2700 "M" STREET SUITE 300
City :	BAKERSFIELD
Phone Number :	N/R
Email :	N/R

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

LUST REG 5 - CA *(cont.)*

Regulatory Activities

Date :	1988-11-15
Global ID :	T0602900159
Action Type :	Other
Action :	Leak Reported
Date :	1988-07-27
Global ID :	T0602900159
Action Type :	Other
Action :	Leak Stopped
Date :	1988-07-27
Global ID :	T0602900159
Action Type :	Other
Action :	Leak Discovery

Status History

Status Date :	1990-06-14
Global ID :	T0602900159
Status :	Completed - Case Closed
Status Date :	1988-11-15
Global ID :	T0602900159
Status :	Open - Site Assessment
Status Date :	1988-07-27
Global ID :	T0602900159
Status :	Open - Case Begin Date

LUST_KERN COUNTY - CA

Facility Name :	N.L. MCCULLOUGH CO.
Facility Address :	900 PETROL RD, BAKERSFIELD, 93308
County :	KERN

Site Details

Status Date :	1990-06-14
Status :	COMPLETED - CASE CLOSED
Begin Date :	1988-07-27
Global ID :	T0602900159
Facility Type :	LUST CLEANUP SITE
RB Case Number :	5T15000160

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

LUST_KERN COUNTY - CA *(cont.)*

Potential Media Affected :	Soil
Potential Contaminants of Concern :	Diesel
Local Agency :	KERN COUNTY
Loc Case Number :	010015
Lead Agency :	KERN COUNTY
File Location :	N/R
CUF Case :	NO
Caseworker :	JAN
How Discovered :	Tank Closure
How Discovered Description :	N/R
Stop Method :	N/R
Stop Description :	N/R
Calwater Watershed Name :	South Valley Floor - Kern Delta (557.10)
DWR Groundwater Subbasin Name :	San Joaquin Valley - Kern County (5-022.14)
Disadvantaged Community :	N/R
Latitude :	35.449494
Longitude :	-119.036915
Site History :	N/R
Agency URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-09-24

Contacts Summary

Global ID :	T0602900159
Contact Name :	JOHN WHITING
Contact Type :	Regional Board Caseworker
Organization Name :	CENTRAL VALLEY RWQCB (REGION 5F)
Address :	1685 E STREET
City :	FRESNO
Phone Number :	N/R
Email :	john.whiting@waterboards.ca.gov

Global ID :	T0602900159
Contact Name :	JANIS LEHMAN
Contact Type :	Local Agency Caseworker - Primary Caseworker
Organization Name :	KERN COUNTY
Address :	2700 "M" STREET SUITE 300
City :	BAKERSFIELD
Phone Number :	N/R
Email :	N/R

Regulatory Activities

Date :	1988-11-15
Global ID :	T0602900159
Action Type :	Other
Action :	Leak Reported

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

LUST_KERN COUNTY - CA *(cont.)*

Date :	1988-07-27
Global ID :	T0602900159
Action Type :	Other
Action :	Leak Stopped

Date :	1988-07-27
Global ID :	T0602900159
Action Type :	Other
Action :	Leak Discovery

Status History Summary

Status Date :	1990-06-14
Global ID :	T0602900159
Status :	Completed - Case Closed

Status Date :	1988-11-15
Global ID :	T0602900159
Status :	Open - Site Assessment

Status Date :	1988-07-27
Global ID :	T0602900159
Status :	Open - Case Begin Date

RCRA_NONGEN

Facility Name :	BURTCH TRUCKING INC
Facility Address :	900 PETROL RD, BAKERSFIELD, CA 93308
County :	KERN

Date Form Received by Agency :	1981-01-30
EPA ID :	CAD059785352
Mailing Address :	900 PETROL ROAD, BAKERSFIELD, CA 93308
Contact :	ENVIRONMENTAL MANAGER
Contact Address :	900 PETROL RD, BAKERSFIELD, CA 93308
Contact Country :	US
Contact Telephone :	805-399-1736
Contact Email :	N/R
EPA Region :	09
Land Type :	Other land type
Source Type :	Notification
Classification :	Not a generator, verified
Description :	Not a generator, verified
Last Date in Agency List :	2024-12-17

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

RCRA_NONGEN *(cont.)*

Owner/Operator Summary

Owner/Operator Name :	DENNIS BURTCH
Owner/Operator Address :	NOT REQUIRED, NOT REQUIRED, ME 99999
Owner/Operator Country :	N/R
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Owner/Operator Name :	NOT REQUIRED
Owner/Operator Address :	NOT REQUIRED, NOT REQUIRED, ME 99999
Owner/Operator Country :	N/R
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	Y
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary

Regulation Violated :	N

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

RCRA_NONGEN *(cont.)*

Facility Name :	KS INDUSTRIES LP
Facility Address :	900 PETROL RD, BAKERSFIELD, CA 93308-0000
County :	KERN
Date Form Received by Agency :	2003-07-07
EPA ID :	CAL000272907
Mailing Address :	6205 DISTRICT BLVD, BAKERSFIELD, CA 93313-0000
Contact :	MANDA YANEZ
Contact Address :	6205 DISTRICT BLVD, BAKERSFIELD, CA 93313
Contact Country :	N/R
Contact Telephone :	661-858-8008
Contact Email :	MRYANEZ@KSILP.COM
EPA Region :	09
Land Type :	Not Reported
Source Type :	Implementer
Classification :	Not a generator, verified
Description :	Not a generator, verified
Last Date in Agency List :	2024-12-17

Owner/Operator Summary

Owner/Operator Name :	KS INDUSTRIES LP
Owner/Operator Address :	6205 DISTRICT BLVD, BAKERSFIELD, CA 93313-0000
Owner/Operator Country :	N/R
Owner/Operator Telephone :	661-617-1700
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Owner/Operator Name :	MANDA YANEZ
Owner/Operator Address :	6205 DISTRICT BLVD, BAKERSFIELD, CA 93313
Owner/Operator Country :	N/R
Owner/Operator Telephone :	661-858-8008
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

RCRA_NONGEN *(cont.)*

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary

Regulation Violated :	N

Facility Name :	PETRO-VAC INC
Facility Address :	900 PETROL RD, BAKERSFIELD, CA 93308
County :	KERN

Date Form Received by Agency :	1983-12-16
EPA ID :	CAD980880983
Mailing Address :	900 PETROL RD, BAKERSFIELD, CA 93308
Contact :	ENVIRONMENTAL MANAGER
Contact Address :	900 PETROL RD, BAKERSFIELD, CA 93308
Contact Country :	US
Contact Telephone :	805-399-1736
Contact Email :	N/R
EPA Region :	09
Land Type :	Not Reported
Source Type :	Notification
Classification :	Not a generator, verified
Description :	Not a generator, verified
Last Date in Agency List :	2024-12-17

Owner/Operator Summary

Owner/Operator Name :	NOT REQUIRED
Owner/Operator Address :	NOT REQUIRED, NOT REQUIRED, ME 99999
Owner/Operator Country :	N/R
Owner/Operator Telephone :	415-555-1212

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name :	KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO. 900 PETROL RD BAKERSFIELD | Bakersfield, CA 93308
Database(s) :	[AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

RCRA_NONGEN *(cont.)*

Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Owner/Operator Name :	PETRO-VAC INC
Owner/Operator Address :	NOT REQUIRED, NOT REQUIRED, ME 99999
Owner/Operator Country :	N/R
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	Y
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary

Regulation Violated :	N

RCRA_SQG

Facility Name :	ATLAS WIRELINE SERVICE
Facility Address :	900 PETROL, BAKERSFIELD, CA 93308
County :	KERN

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

RCRA_SQG *(cont.)*

Date Form Received by Agency :	1989-08-28
EPA ID :	CAD981973464
Mailing Address :	900 PETROL, BAKERSFIELD, CA 93308
Contact :	ENVIRONMENTAL MANAGER
Contact Address :	900 PETROL, BAKERSFIELD, CA 93308
Contact Country :	US
Contact Telephone :	805-399-9500
Contact Email :	N/R
EPA Region :	09
Land Type :	Not Reported
Source Type :	Notification
Classification :	Small Quantity Generator
Description :	Handlers that generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.
Last Date in Agency List :	2024-12-17

Owner/Operator Summary

Owner/Operator Name :	NOT REQUIRED
Owner/Operator Address :	NOT REQUIRED, NOT REQUIRED, ME 99999
Owner/Operator Country :	N/R
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Owner/Operator Name :	WESTERN INTERNATIONAL
Owner/Operator Address :	NOT REQUIRED, NOT REQUIRED, ME 99999
Owner/Operator Country :	N/R
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

RCRA_SQG *(cont.)*

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary

Regulation Violated :	N

UST - CA

Facility Name :	KS INDUSTRIES - Fleet
Facility Address :	900 Petrol Rd, Bakersfield, 93308
County :	Kern
Facility ID :	N/R
CERS ID :	10233448
Permitting Agency :	Kern County Environmental Health Services Department
Latitude :	35.45134
Longitude :	-119.03786
Last Date in Agency List :	2024-12-26

Tank Details

Tank ID Number :	1
Tank Installation Date :	1999-03-11
Tank Closure Date :	N/R
Tank Status :	Confirmed/Updated Information
Facility Type :	Motor Vehicle Fueling
Owner Type :	Non-Government
Tank Owner Name :	Ken Small Construction, Inc
Tank Owner Mailing Address :	6205 District Blvd
Tank Operator Name :	Ken Small Construction, Inc
Tank Operator Mailing Address :	6205 District Blvd
Number of In-use UST :	N/R

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

UST - CA *(cont.)*

Number of Closed UST :	0
Number of OOS UST :	0
Tank Number of Compartments :	1
Tank Contents :	Regular Unleaded
Tank Capacity Gallons :	8000
Tank Type :	Double Wall
Tank PC Construction :	Fiberglass
Tank PW Piping Construction :	Fiberglass
Tank Piping Type :	Pressure
Tank Piping Construction :	Double Walled
Tank Sacrificial Anode :	No
Tank CP Impressed Current :	No
Tank CP Shutoff :	Yes
Tank Alarms :	No
Tank Ball Float :	No
Tank Spill Bucket :	Yes
Tank Configuration :	Stand Alone Tank

Tank ID Number :	2
Tank Installation Date :	1999-03-11
Tank Closure Date :	N/R
Tank Status :	Confirmed/Updated Information
Facility Type :	Motor Vehicle Fueling
Owner Type :	Non-Government
Tank Owner Name :	Ken Small Construction, Inc
Tank Owner Mailing Address :	6205 District Blvd
Tank Operator Name :	Ken Small Construction, Inc
Tank Operator Mailing Address :	6205 District Blvd
Number of In-use UST :	N/R
Number of Closed UST :	0
Number of OOS UST :	0
Tank Number of Compartments :	1
Tank Contents :	Diesel
Tank Capacity Gallons :	8000
Tank Type :	Double Wall
Tank PC Construction :	Fiberglass
Tank PW Piping Construction :	Fiberglass
Tank Piping Type :	Pressure
Tank Piping Construction :	Double Walled
Tank Sacrificial Anode :	No
Tank CP Impressed Current :	No
Tank CP Shutoff :	Yes
Tank Alarms :	No
Tank Ball Float :	No
Tank Spill Bucket :	Yes
Tank Configuration :	Stand Alone Tank

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

UST_KERN COUNTY - CA

Facility Name : KS INDUSTRIES - Fleet
Facility Address : 900 Petrol Rd, Bakersfield, CA 93308

Site Details
Facility ID : FA0002404
CERS ID : 10233448
Mailing Address : 6205 DISTRICT BLVD, BAKERSFIELD, CA 93308
Mailing Address (Care of) : Scot Maxwell
Last Date in Agency List : 2025-01-20

Tank Details
Tank Number : 1
Install Date : 1999-03-11
Date of Closure : N/R
Billing Status : Active, billable
Number of Compartments : 1
Capacity : 10000
Product Type : REGULAR UNLEADED
Program/Element : UNDERGROUND STORAGE TANK

Tank Number : 2
Install Date : 1999-03-11
Date of Closure : N/R
Billing Status : Active, billable
Number of Compartments : 1
Capacity : 10000
Product Type : DIESEL
Program/Element : UNDERGROUND STORAGE TANK

Facility Name : N L MCCULLOUGH COMPANY
Facility Address : 900 PETROL RD, BAKERSFIELD, CA 93308

Site Details
Facility ID : FA0004491
CERS ID : N/R
Mailing Address : N/R
Mailing Address (Care of) : N/R
Last Date in Agency List : 2016-03-21

Map Id: 12
Direction: NE
Distance: 0.120 mi., 631 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : KS INDUSTRIES - FLEET | KS INDUSTRIES LP | N.L. MCCULLOUGH CO.
900 PETROL RD
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_NONGEN, RCRA_SQG, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200547
EPA ID: CAD059785352

UST_KERN COUNTY - CA *(cont.)*

Tank Details

Tank Number :	N/R
Install Date :	N/R
Date of Closure :	N/R
Billing Status :	Inactive, non-billable
Number of Compartments :	N/R
Capacity :	N/R
Product Type :	N/R
Program/Element :	N/R

Map Id: C13
Direction: NE
Distance: 0.148 mi., 784 ft.
Elevation: 644 ft.
Relative: Higher

Site Name : ABATECO
850 PETROL RD
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA, HWT - CA, RCRA_NONGEN]

Envirosite ID: 58200553
EPA ID: CAL000027542

HAZNET - CA

Facility Name :	ABATECO
Facility Address :	850 PETROL RD, BAKERSFIELD, CA 93308
County :	KERN

Site Details

Generator EPA ID :	CAL000027542
Active :	Inactive
Category :	STATE
Facility Types :	N/R
Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	3605 RENFRO ROAD, BAKERSFIELD, CA 933140000
Latitude :	35.44860609
Longitude :	-119.03701452
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

Waste Generator Details

State Waste :	2009: 151 - Asbestos containing waste, 0.4 tons to AZC950823111

Map Id: C13
Direction: NE
Distance: 0.148 mi., 784 ft.
Elevation: 644 ft.
Relative: Higher

Site Name : ABATECO
850 PETROL RD
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA, HWT - CA, RCRA_NONGEN] *(cont.)*

Envirosite ID: 58200553
EPA ID: CAL000027542

HAZNET - CA *(cont.)*

Site Details

Generator EPA ID :	CAC002615054
Active :	Inactive
Category :	STATE
Facility Types :	N/R
Type :	TEMPORARY
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	3150 PANAMA LN STE A, BAKERSFIELD, CA 93313
Latitude :	35.44860609
Longitude :	-119.03701452
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

Waste Generator Details

State Waste :	2007: 151 - Asbestos containing waste, 20 tons to AZC950823111

HWG - CA

Facility Name :	ABATECO
Facility Address :	850 PETROL RD, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAC002615054
Status :	Inactive
Category :	STATE
Type :	TEMPORARY
Facility Type :	N/R
Mailing Address :	3150 PANAMA LN STE A, BAKERSFIELD, CA 93313
Owner Name :	RAJU JASSAR
Owner Address :	3150 PANAMA LN STE A, BAKERSFIELD, CA 93313
Operator Name :	RAJU JASSAR
Operator Address :	3150 PANAMA LN STE A, BAKERSFIELD, CA 93313
Latitude :	35.448544
Longitude :	-119.036441
EPA ID :	CAL000027542
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	3631 PACINI ST, BAKERSFIELD, CA 933140000
Owner Name :	ABATECO
Owner Address :	3605 RENFRO ROAD, BAKERSFIELD, CA 933149792
Operator Name :	MARY BLANTON
Operator Address :	3631 PACINI ST, BAKERSFIELD, CA 933140000
Latitude :	35.448541
Longitude :	-119.03666

HWT - CA

Facility Name :	ABATECO

Map Id: C13
Direction: NE
Distance: 0.148 mi., 784 ft.
Elevation: 644 ft.
Relative: Higher

Site Name : ABATECO
850 PETROL RD
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA, HWT - CA, RCRA_NONGEN] *(cont.)*

Envirosite ID: 58200553
EPA ID: CAL000027542

HWT - CA *(cont.)*

Facility Address :	850 PETROL ROAD, BAKERSFIELD, CA 93308
County :	N/R
Expiration Date :	2014-08-31
Registration Number :	2937
Last Date in Agency List :	2017-05-11

RCRA_NONGEN

Facility Name :	ABATECO
Facility Address :	850 PETROL RD, BAKERSFIELD, CA 93308-0000
County :	KERN
Date Form Received by Agency :	1990-05-10
EPA ID :	CAL000027542
Mailing Address :	3605 RENFRO ROAD, BAKERSFIELD, CA 93314-0000
Contact :	MARY BLANTON
Contact Address :	3605 RENFRO ROAD, BAKERSFIELD, CA 93314-3308
Contact Country :	N/R
Contact Telephone :	661-391-9800
Contact Email :	1ABATECO9800@GMAIL.COM
EPA Region :	09
Land Type :	Not Reported
Source Type :	Implementer
Classification :	Not a generator, verified
Description :	Not a generator, verified
Last Date in Agency List :	2024-12-17

Owner/Operator Summary

Owner/Operator Name :	MARY BLANTON
Owner/Operator Address :	3605 RENFRO ROAD, BAKERSFIELD, CA 93314-3308
Owner/Operator Country :	N/R
Owner/Operator Telephone :	661-391-9800
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Owner/Operator Name :	MARY BLANTON
Owner/Operator Address :	3605 RENFRO ROAD, BAKERSFIELD, CA 93314-9792
Owner/Operator Country :	N/R
Owner/Operator Telephone :	661-391-9800
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Map Id: C13
Direction: NE
Distance: 0.148 mi., 784 ft.
Elevation: 644 ft.
Relative: Higher

Site Name : ABATECO
850 PETROL RD
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA, HWT - CA, RCRA_NONGEN] *(cont.)*

Envirosite ID: 58200553
EPA ID: CAL000027542

RCRA_NONGEN *(cont.)*

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	Y
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary

Regulation Violated :	N

Evaluation Action Summary

Evaluation Date :	2023-01-25
Evaluation :	FOCUSED COMPLIANCE INSPECTION
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Evaluation Date :	2017-02-27
Evaluation :	COMPLIANCE EVALUATION INSPECTION
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Map Id: 14
Direction: SE
Distance: 0.166 mi., 877 ft.
Elevation: 584 ft.
Relative: Lower

Site Name : CHEVRON - NORTH MEADOWS/AIRPORT PLAZA PROPERTY
SOUTHEAST CORNER OF MERLE HAGGARD DRIVE AND AIRPORT DRIVE
BAKERSFIELD | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, SLIC REG 5 - CA]

Envirosite ID: 493407
EPA ID: N/R

CALEPA SITES - CA

Facility Name :	CHEVRON - NORTH MEADOWS/AIRPORT PLAZA PROPERTY

Map Id: 14
Direction: SE
Distance: 0.166 mi., 877 ft.
Elevation: 584 ft.
Relative: Lower

Site Name :	CHEVRON - NORTH MEADOWS/AIRPORT PLAZA PROPERTY SOUTHEAST CORNER OF MERLE HAGGARD DRIVE AND AIRPORT DRIVE BAKERSFIELD | Bakersfield, CA
Database(s) :	[CALEPA SITES - CA, SLIC REG 5 - CA] *(cont.)*

Envirosite ID: 493407
EPA ID: N/R

CALEPA SITES - CA *(cont.)*

Facility Address : BAKERSFIELD

Site ID : 226757
EI ID : SLT5FS004420
EI Description : Cleanup Program Site
Latitude : 35.439854
Longitude : -119.037570
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2022-12-21

Site ID : 644502
EI ID : SLT5FS004420
EI Description : Cleanup Program Site
Latitude : 35.439854
Longitude : -119.037570
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2023-07-21

Site ID : 907429
EI ID : SLT5FS004420
EI Description : Cleanup Program Site
Latitude : 35.439854
Longitude : -119.037570
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

Facility Name : CHEVRON - NORTH MEADOWS/AIRPORT PLAZA PROPERTY
Facility Address : SOUTHEAST CORNER OF MERLE HAGGARD DRIVE AND AIRPORT DRIVE, BAKERSFIELD

Site ID : 226757
EI ID : SLT5FS004420
EI Description : Cleanup Program Site
Latitude : 35.439854
Longitude : -119.037570
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2022-04-07

SLIC REG 5 - CA

Facility Name : Chevron - North Meadows/Airport Plaza Property
Facility Address : Southeast Corner of Merle Haggard Drive and Airport Drive, Bakersfield, CA
County : Kern

Map Id: 14
Direction: SE
Distance: 0.166 mi., 877 ft.
Elevation: 584 ft.
Relative: Lower

Site Name :	CHEVRON - NORTH MEADOWS/AIRPORT PLAZA PROPERTY SOUTHEAST CORNER OF MERLE HAGGARD DRIVE AND AIRPORT DRIVE BAKERSFIELD | Bakersfield, CA
Database(s) :	[CALEPA SITES - CA, SLIC REG 5 - CA] *(cont.)*

Envirosite ID: 493407
EPA ID: N/R

SLIC REG 5 - CA *(cont.)*

Site Details

Status Date :	2017-10-12
Status :	Completed - Case Closed
Begin Date :	1980-01-30
Global ID :	SLT5FS004420
Region :	REGION 5F

Site History :

This site was originally given closure in a 27 June 1989 letter. The letter stated that Water Board concerns regarding a potention threat to groundwater had been addressed and that no further action was required. Developement work on the northeastern corner of the site in April 2015 found buried material on tthe property (primarily petroleum hydrocarbon related). Based on the discovery of the buried material, the case was reopened.

RB Case Number :	SLT5FS000
Potential Media Affected :	Soil
Potential Contaminants of Concern :	Diesel, Other Petroleum, Total Petroleum Hydrocarbons (TPH)
Local Agency :	N/R
Local Case Number :	N/R
Lead Agency :	CENTRAL VALLEY RWQCB (REGION 5F)
File Location :	All Files are on GeoTracker or in the Local Agency Database
CUF Case :	NO
Caseworker :	N/R
Case Type :	Cleanup Program Site
How Discovered :	N/R
How Discovered Description :	N/R
Stop Method :	N/R
Stop Description :	N/R
Calwater Watershed Name :	South Valley Floor - Kern Delta (557.10)
DWR Groundwater Subbasin Name :	San Joaquin Valley - Kern County (5-022.14)
Disadvantaged Community :	N/R
Latitude :	35.439854
Longitude :	-119.03757
Agency URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-10-07

Contacts Summary

Global ID :	SLT5FS004420
Contact Name :	N/R
Contact Type :	N/R
Organization Name :	N/R
Address :	N/R
City :	N/R
Phone Number :	N/R
Email :	N/R

Regulatory Activities

Map Id: 14
Direction: SE
Distance: 0.166 mi., 877 ft.
Elevation: 584 ft.
Relative: Lower

Site Name : CHEVRON - NORTH MEADOWS/AIRPORT PLAZA PROPERTY
SOUTHEAST CORNER OF MERLE HAGGARD DRIVE AND AIRPORT DRIVE
BAKERSFIELD | Bakersfield, CA

Database(s) : [CALEPA SITES - CA, SLIC REG 5 - CA] *(cont.)*

Envirosite ID: 493407
EPA ID: N/R

SLIC REG 5 - CA *(cont.)*

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your Envirosite account representative for a complimentary site report containing all of the details available.

Date : 2017-10-12
Global ID : SLT5FS004420
Action Type : ENFORCEMENT
Action : Closure/No Further Action Letter

Date : 2017-05-24
Global ID : SLT5FS004420
Action Type : ENFORCEMENT
Action : Notification - Public Notice of Case Closure

Date : 2017-03-29
Global ID : SLT5FS004420
Action Type : RESPONSE
Action : Request for Closure

Date : 2016-11-17
Global ID : SLT5FS004420
Action Type : ENFORCEMENT
Action : Staff Letter

Date : 2016-10-21
Global ID : SLT5FS004420
Action Type : ENFORCEMENT
Action : Cost Recovery Agreement / N. of Reimbursement

Status History

Status Date : 2017-10-12
Global ID : SLT5FS004420
Status : Completed - Case Closed

Status Date : 2017-07-31
Global ID : SLT5FS004420
Status : Open - Remediation

Status Date : 2015-07-17
Global ID : SLT5FS004420
Status : Open - Reopen Case

Status Date : 2015-07-17
Global ID : SLT5FS004420

Map Id: 14
Direction: SE
Distance: 0.166 mi., 877 ft.
Elevation: 584 ft.
Relative: Lower

Site Name : CHEVRON - NORTH MEADOWS/AIRPORT PLAZA PROPERTY
SOUTHEAST CORNER OF MERLE HAGGARD DRIVE AND AIRPORT DRIVE
BAKERSFIELD | Bakersfield, CA
Database(s) : [CALEPA SITES - CA, SLIC REG 5 - CA] *(cont.)*

Envirosite ID: 493407
EPA ID: N/R

SLIC REG 5 - CA *(cont.)*

Status :	Open - Site Assessment
Status Date :	1989-06-27
Global ID :	SLT5FS004420
Status :	Completed - Case Closed

Map Id: C15
Direction: NE
Distance: 0.178 mi., 943 ft.
Elevation: 646 ft.
Relative: Higher

Site Name : TOWERY AIR CONDITIONING INC
4813 ORTIZ CT
BAKERSFIELD, CA 93308
Database(s) : [CALEPA SITES - CA]

Envirosite ID: 58200554
EPA ID: N/R

CALEPA SITES - CA

Facility Name :	TOWERY AIR CONDITIONING INC
Facility Address :	4813 ORTIZ CT, BAKERSFIELD, 93308
Site ID :	77178
EI ID :	10233631
EI Description :	Chemical Storage Facilities
Latitude :	35.449738
Longitude :	-119.036087
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-05-23

Map Id: C16
Direction: NE
Distance: 0.181 mi., 954 ft.
Elevation: 646 ft.
Relative: Higher

Site Name : SWPP USA INC
4804 ORTIZ CT STE A
BAKERSFIELD, CA 93308
Database(s) : [HAZNET - CA, HWG - CA]

Envirosite ID: 832380
EPA ID: CAC002617879

HAZNET - CA

Facility Name :	SWPP USA INC
Facility Address :	4804 ORTIZ CT STE A, BAKERSFIELD, CA 93308
County :	KERN

Map Id: C16
Direction: NE
Distance: 0.181 mi., 954 ft.
Elevation: 646 ft.
Relative: Higher

Site Name : SWPP USA INC
4804 ORTIZ CT STE A
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA) *(cont.)*

Envirosite ID: 832380
EPA ID: CAC002617879

HAZNET - CA *(cont.)*

Site Details

Generator EPA ID :	CAC002617879
Active :	Inactive
Category :	STATE
Facility Types :	N/R
Type :	TEMPORARY
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	9530 HAGEMAN RD STE B112, BAKERSFIELD, CA 93312
Latitude :	35.44925821
Longitude :	-119.03571665
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

Waste Generator Details

State Waste :	2008: 134 - Aqueous solution with total organic residues less than 10 percent, 0.21 tons to CAD980813950

HWG - CA

Facility Name :	SWPP USA INC
Facility Address :	4804 ORTIZ CT STE A, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAC002617879
Status :	Inactive
Category :	STATE
Type :	TEMPORARY
Facility Type :	N/R
Mailing Address :	9530 HAGEMAN RD STE B112, BAKERSFIELD, CA 93312
Owner Name :	SWPP USA INC
Owner Address :	640 ROOSTER STE C, BAKERSFIELD, CA 93307
Operator Name :	GARY RODRIGUEZ
Operator Address :	640 ROOSTER STE C, BAKERSFIELD, CA 93307
Latitude :	35.448591
Longitude :	-119.035844

Map Id: D17
Direction: NNE
Distance: 0.197 mi., 1042 ft.
Elevation: 646 ft.
Relative: Higher

Site Name : KS FABRICATION & MACHINE
5014 AIRPORT DR
BAKERSFIELD, CA 93308

Database(s) : [CALEPA SITES - CA, HAZNET - CA, HWG - CA, RCRA_NONGEN]

Envirosite ID: 58200552
EPA ID: N/R

CALEPA SITES - CA

Facility Name : KS FABRICATION & MACHINE
Facility Address : 5014 AIRPORT DR, BAKERSFIELD, 93308

Site ID : 273177
EI ID : 10627222
EI Description : Hazardous Waste Generator
Latitude : 35.451367
Longitude : -119.038424
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

Site ID : 273177
EI ID : 10627222
EI Description : Chemical Storage Facilities
Latitude : 35.451367
Longitude : -119.038424
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

HAZNET - CA

Facility Name : KS FABRICATION & MACHINE
Facility Address : 5014 AIRPORT DR, BAKERSFIELD, CA 93308
County : KERN

Site Details

Generator EPA ID : CAL000406409
Active : Active
Category : STATE
Facility Types : N/R
Type : PERMANENT
Contact Name : N/R
Contact Phone : N/R
Facility Mailing Address : 6205 DISTRICT BLVD, BAKERSFIELD, CA 933120000
Latitude : 35.45058600
Longitude : -119.03787000
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2021-07-08

Waste Generator Details

State Waste : 2019: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.), 0.68805 tons to KSD980633259
2018: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.), 0.22935 tons to KSD980633259
2018: 343 - Unspecified organic liquid mixture, 0.50000 tons to KSD980633259
2018: 331 - Off-specification, aged or surplus organics, 0.50000 tons to KSD980633259
2017: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.), 0.22935 tons to KSD980633259

Map Id: D17
Direction: NNE
Distance: 0.197 mi., 1042 ft.
Elevation: 646 ft.
Relative: Higher

Site Name : KS FABRICATION & MACHINE
5014 AIRPORT DR
BAKERSFIELD, CA 93308

Database(s) : [CALEPA SITES - CA, HAZNET - CA, HWG - CA, RCRA_NONGEN] *(cont.)*

Envirosite ID: 58200552
EPA ID: N/R

HAZNET - CA *(cont.)*

2016: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.), 5.9542 tons to KSD980633259
2015: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.), 1.458 tons to KSD980633259

HWG - CA

Facility Name :	KS FABRICATION & MACHINE
Facility Address :	5014 AIRPORT DR, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAL000406409
Status :	Active
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	6205 DISTRICT BLVD, BAKERSFIELD, CA 933130000
Owner Name :	KS INDUSTRIES LP
Owner Address :	6205 DISTRICT BLVD, BAKERSFIELD, CA 933130000
Operator Name :	JEFF HOLZWORTH
Operator Address :	6000 DISTRICT BLVD, BAKERSFIELD, CA 93313
Latitude :	35.450586
Longitude :	-119.03787

RCRA_NONGEN

Facility Name :	KS FABRICATION & MACHINE
Facility Address :	5014 AIRPORT DR, BAKERSFIELD, CA 93308
County :	KERN
Date Form Received by Agency :	2015-04-27
EPA ID :	CAL000406409
Mailing Address :	6205 DISTRICT BLVD, BAKERSFIELD, CA 93312-0000
Contact :	RICK GROVE
Contact Address :	6000 DISTRICT BLVD, BAKERSFIELD, CA 93313
Contact Country :	N/R
Contact Telephone :	661-617-1676
Contact Email :	RGROVE@KSILP.COM
EPA Region :	09
Land Type :	Not Reported
Source Type :	Implementer
Classification :	Not a generator, verified
Description :	Not a generator, verified
Last Date in Agency List :	2024-12-17

Owner/Operator Summary

Owner/Operator Name :	KS INDUSTRIES LP
Owner/Operator Address :	6205 DISTRICT BLVD, BAKERSFIELD, CA 93312-0000
Owner/Operator Country :	N/R
Owner/Operator Telephone :	661-617-1700
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R

Map Id: D17
Direction: NNE
Distance: 0.197 mi., 1042 ft.
Elevation: 646 ft.
Relative: Higher

Site Name : KS FABRICATION & MACHINE
5014 AIRPORT DR
BAKERSFIELD, CA 93308

Database(s) : [CALEPA SITES - CA, HAZNET - CA, HWG - CA, RCRA_NONGEN] *(cont.)*

Envirosite ID: 58200552
EPA ID: N/R

RCRA_NONGEN *(cont.)*

Legal Status :	Other land type
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R
Owner/Operator Name :	RICK GROVE
Owner/Operator Address :	6000 DISTRICT BLVD, BAKERSFIELD, CA 93313
Owner/Operator Country :	N/R
Owner/Operator Telephone :	661-617-1676
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary

Regulation Violated :	N

Map Id: E18
Direction: SW
Distance: 0.205 mi., 1082 ft.
Elevation: 542 ft.
Relative: Lower

Site Name : PARCEL MAP 12146 - PHASE 1
MERLE HAGGARD DRIVE BETWEEN WINGS WAY AND AIRPORT DRIVE | MERLE HAGGARD DRIVE
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [CALEPA SITES - CA]

Envirosite ID: 837546
EPA ID: N/R

CALEPA SITES - CA

Facility Name : PARCEL MAP 12146 - PHASE 1
Facility Address : MERLE HAGGARD DRIVE, BAKERSFIELD, 93308

Site ID : 539022
EI ID : 859338
EI Description : Construction Storm Water
Latitude : 35.438390
Longitude : -119.046780
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2022-09-27

Map Id: 19
Direction: WNW
Distance: 0.205 mi., 1085 ft.
Elevation: 561 ft.
Relative: Lower

Site Name : AMAZON.COM SERVICES LLC - BFL1 | AMAZON.COM SERVICES INC | AMAZON.COM SERVICES LLC (BFL1)
1601 PETROL RD | 1601 PERTROL RD | 1601 PETROL RD PO BOX 80842
BAKERSFIELD | Bakersfield | BAKER, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HWG - CA, RCRA_LQG]

Envirosite ID: 33971072
EPA ID: N/R

AST_KERN COUNTY - CA

Facility Name : Amazon.com Services LLC - BFL1
Facility Address : 1601 Petrol Rd, Bakersfield, CA 93308

Site Details
Facility ID : FA0048699
CERS ID : 10842964
Last HMIRRP Date : N/R
Billing Status : Active, billable
Program/Element Code : CD01
Program/Element : APSA 1,320-9,999 GALLON CAPACITY
Current Inspection Date : 2027-01-01
Designated Employee : BODDETI
Mailing Address : NA Environmental Department-Amazon.com, PO Box 808, Seattle, WA 98108
Mailing Address 2 : 42
Last Date in Agency List : 2025-01-20

CALEPA SITES - CA

Facility Name : AMAZON.COM SERVICES LLC - BFL1

Map Id: 19
Direction: WNW
Distance: 0.205 mi., 1085 ft.
Elevation: 561 ft.
Relative: Lower

Site Name :	AMAZON.COM SERVICES LLC - BFL1 | AMAZON.COM SERVICES INC | AMAZON.COM SERVICES LLC (BFL1) 1601 PETROL RD | 1601 PERTROL RD | 1601 PETROL RD PO BOX 80842 BAKERSFIELD | Bakersfield | BAKER, CA 93308
Database(s) :	[AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HWG - CA, RCRA_LQG] *(cont.)*

Envirosite ID: 33971072
EPA ID: N/R

CALEPA SITES - CA *(cont.)*

Facility Address : 1601 PETROL RD, BAKERSFIELD, 93308

Site ID : 566350
EI ID : 10842964
EI Description : RCRA LQ HW Generator
Latitude : 35.446940
Longitude : -119.050230
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

Site ID : 566350
EI ID : 10842964
EI Description : Hazardous Waste Generator
Latitude : 35.446940
Longitude : -119.050230
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

Site ID : 566350
EI ID : 10842964
EI Description : Chemical Storage Facilities
Latitude : 35.446940
Longitude : -119.050230
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

Site ID : 566350
EI ID : 10842964
EI Description : Aboveground Petroleum Storage
Latitude : 35.446940
Longitude : -119.050230
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

HAZNET - CA

Facility Name : AMAZON.COM SERVICES LLC BFL1
Facility Address : 1601 PETROL RD, BAKERSFIELD, CA 93308
County : KERN

Site Details
Generator EPA ID : CAR000309898
Active : Active
Category : FEDERAL

Map Id: 19
Direction: WNW
Distance: 0.205 mi., 1085 ft.
Elevation: 561 ft.
Relative: Lower

Site Name :	AMAZON.COM SERVICES LLC - BFL1 | AMAZON.COM SERVICES INC | AMAZON.COM SERVICES LLC (BFL1) 1601 PETROL RD | 1601 PERTROL RD | 1601 PETROL RD PO BOX 80842 BAKERSFIELD | Bakersfield | BAKER, CA 93308
Database(s) :	[AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HWG - CA, RCRA_LQG] *(cont.)*

Envirosite ID: 33971072
EPA ID: N/R

HAZNET - CA *(cont.)*

Facility Types :	N/R
Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	PO BOX 80842, SEATTLE, WA 98108
Latitude :	35.44693999
Longitude :	-119.05022998
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

HWG - CA

Facility Name :	AMAZON.COM SERVICES LLC BFL1
Facility Address :	1601 PETROL RD, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAR000309898
Status :	Active
Category :	FEDERAL
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	PO BOX 80842, SEATTLE, WA 98108
Owner Name :	NA ENVIRONMENTAL DEPARTMENT-AMAZON.COM
Owner Address :	PO BOX 80842, SEATTLE, WA 98108
Operator Name :	CLAUDIA SALOMON
Operator Address :	PO BOX 80842, SEATTLE, WA 98108
Latitude :	35.446889
Longitude :	-119.050247

RCRA_LQG

Facility Name :	AMAZON.COM SERVICES LLC - BFL1
Facility Address :	1601 PETROL ROAD, BAKERSFIELD, CA 93308
County :	KERN
Date Form Received by Agency :	2023-12-12
EPA ID :	CAR000309898
Mailing Address :	NA ENVIRONMENTAL DEPARTMENT-AMAZON.COM PO BOX 80842, SEATTLE, WA 98108
Contact :	VIMAL VIJAYKUMAR
Contact Address :	NA ENVIRONMENTAL DEPARTMENT-AMAZON.COM PO BOX 80842, SEATTLE, WA 98108
Contact Country :	US
Contact Telephone :	800-575-0171
Contact Email :	AMAZON-EAP-NORTHAMERICA@AMAZON.COM
EPA Region :	09
Land Type :	Private
Source Type :	Notification

Map Id: 19
Direction: WNW
Distance: 0.205 mi., 1085 ft.
Elevation: 561 ft.
Relative: Lower

Site Name :	AMAZON.COM SERVICES LLC - BFL1 | AMAZON.COM SERVICES INC | AMAZON.COM SERVICES LLC (BFL1) 1601 PETROL RD | 1601 PERTROL RD | 1601 PETROL RD PO BOX 80842 BAKERSFIELD | Bakersfield | BAKER, CA 93308
Database(s) :	[AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HWG - CA, RCRA_LQG] *(cont.)*

Envirosite ID: 33971072
EPA ID: N/R

RCRA_LQG *(cont.)*

Classification : Large Quantity Generator

Description :

Handlers that generate 1,000 kg or more of hazardous waste during any calendar month; or generate more than 1 kg of acutely hazardous waste during any calendar month; or generate more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1 kg of acutely hazardous waste at any time; or generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulated more than 100 kg of that material at any time.

Last Date in Agency List : 2024-12-17

Owner/Operator Summary

Owner/Operator Name :	AMAZON.COM SERVICES LLC
Owner/Operator Address :	NA ENVIRONMENTAL DEPARTMENT-AMAZON.COM PO BOX 80842, SEATTLE, WA 98108
Owner/Operator Country :	US
Owner/Operator Telephone :	800-575-0171
Owner/Operator Email :	AMAZON-EAP-NORTHAMERICA@AMAZON.COM
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	2018-08-21
Owner/Operator End Date :	N/R

Owner/Operator Name :	CF HIPPOLYTA BAKERSFIELD LLC
Owner/Operator Address :	5221 N. O'CONNOR BLVD SUITE 700, IRVING, TX 75039
Owner/Operator Country :	US
Owner/Operator Telephone :	972-532-4341
Owner/Operator Email :	NSEDLAK@FORTRESS.COM
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	2013-08-01
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N/R
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N

Map Id: 19
Direction: WNW
Distance: 0.205 mi., 1085 ft.
Elevation: 561 ft.
Relative: Lower

Site Name :	AMAZON.COM SERVICES LLC - BFL1 | AMAZON.COM SERVICES INC | AMAZON.COM SERVICES LLC (BFL1) 1601 PETROL RD | 1601 PERTROL RD | 1601 PETROL RD PO BOX 80842 BAKERSFIELD | Bakersfield | BAKER, CA 93308
Database(s) :	[AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HWG - CA, RCRA_LQG] *(cont.)*

Envirosite ID: 33971072
EPA ID: N/R

RCRA_LQG *(cont.)*

Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Historical Generators

Date Form Received by Agency :	2022-02-23
Facility Name :	AMAZON.COM SERVICES LLC - BFL1
Classification :	Large Quantity Generator

Date Form Received by Agency :	2020-07-15
Facility Name :	AMAZON.COM SERVICES LLC BFL1
Classification :	Large Quantity Generator

Hazardous Waste Summary

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your Envirosite account representative for a complimentary site report containing all of the details available.

Waste Code / Name :
122 - Alkaline solution without metals (pH > 12.5)
123 - Unspecified alkaline solution
141 - Off-specification, aged, or surplus inorganics
181 - Other inorganic solid waste
213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
214 - Unspecified solvent mixture
281 - Adhesives
311 - Pharmaceutical waste
331 - Off-specification, aged, or surplus organics
725 - Liquids with mercury > 20 mg/l

Notices of Violations Summary

Regulation Violated :	N

Map Id: 19
Direction: WNW
Distance: 0.205 mi., 1085 ft.
Elevation: 561 ft.
Relative: Lower

Site Name :	AMAZON.COM SERVICES LLC - BFL1 | AMAZON.COM SERVICES INC | AMAZON.COM SERVICES LLC (BFL1) 1601 PETROL RD | 1601 PERTROL RD | 1601 PETROL RD PO BOX 80842 BAKERSFIELD | Bakersfield | BAKER, CA 93308
Database(s) :	[AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HWG - CA, RCRA_LQG] *(cont.)*

Envirosite ID: 33971072
EPA ID: N/R

RCRA_LQG *(cont.)*

Evaluation Action Summary

Evaluation Date :	2024-04-04
Evaluation :	COMPLIANCE EVALUATION INSPECTION
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Evaluation Date :	2021-04-13
Evaluation :	COMPLIANCE EVALUATION INSPECTION
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Map Id: D20
Direction: NE
Distance: 0.206 mi., 1089 ft.
Elevation: 648 ft.
Relative: Higher

Site Name :	KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K.S. FABRICATION & MACHINE INC. 5024 AIRPORT DR BAKERSFIELD, CA 93308
Database(s) :	[AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST_KERN COUNTY - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, UST - CA, UST_KERN COUNTY - CA]

Envirosite ID: 58200556
EPA ID: N/R

AST_KERN COUNTY - CA

Facility Name :	KS INDUSTRIES LP
Facility Address :	5024 AIRPORT DR, BAKERSFIELD, CA 93308

Site Details

Facility ID :	FA0002404
CERS ID :	10233448
Last HMIRRP Date :	2016-09-14
Billing Status :	Active, billable
Program/Element Code :	CD01
Program/Element :	APSA 1,320-9,999 GALLON CAPACITY
Current Inspection Date :	N/R
Designated Employee :	LYDIA VON SYDOW

Map Id: D20
Direction: NE
Distance: 0.206 mi., 1089 ft.
Elevation: 648 ft.
Relative: Higher

Site Name :	KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K.S. FABRICATION & MACHINE INC. 5024 AIRPORT DR BAKERSFIELD, CA 93308
Database(s) :	[AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST_KERN COUNTY - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200556
EPA ID: N/R

AST_KERN COUNTY - CA *(cont.)*

Mailing Address :	N/R
Mailing Address 2 :	N/R
Last Date in Agency List :	2017-07-21

CALEPA SITES - CA

Facility Name :	KEN SMALL OILFIELD SERVICE
Facility Address :	5024 AIRPORT DR, BAKERSFIELD, 93308
Site ID :	866879
EI ID :	T0602900131
EI Description :	Leaking Underground Storage Tank Cleanup Site
Latitude :	35.451378
Longitude :	-119.037902
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-05-23
Site ID :	193244
EI ID :	T0602900131
EI Description :	Leaking Underground Storage Tank Cleanup Site
Latitude :	35.451378
Longitude :	-119.037902
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2022-12-21
Site ID :	663197
EI ID :	T0602900131
EI Description :	Leaking Underground Storage Tank Cleanup Site
Latitude :	35.451378
Longitude :	-119.037902
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2023-07-21
Facility Name :	KS INDUSTRIES, LP
Facility Address :	5024 AIRPORT DR, BAKERSFIELD, 93308
Site ID :	476173
EI ID :	110058317021
EI Description :	US EPA Air Emission Inventory System (EIS)
Latitude :	35.451380
Longitude :	-119.037900
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-05-23

Map Id: D20
Direction: NE
Distance: 0.206 mi., 1089 ft.
Elevation: 648 ft.
Relative: Higher

Site Name : KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K.S. FABRICATION & MACHINE INC.
5024 AIRPORT DR
BAKERSFIELD, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST_KERN COUNTY - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200556
EPA ID: N/R

HAZNET - CA

Facility Name :	KEN SMALL CONSTRUCTION
Facility Address :	5024 AIRPORT DR, BAKERSFIELD, CA 93308
County :	KERN

Site Details

Generator EPA ID :	CAL000121473
Active :	Inactive
Category :	STATE
Facility Types :	N/R
Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	5024 AIRPORT DR, BAKERSFIELD, CA 933089786
Latitude :	35.45147373
Longitude :	-119.03841067
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

Waste Generator Details

State Waste :
1998: 221 - Waste oil and mixed oil, 2.964 tons to CAD980887418
1996: 352 - Other organic solids, 0.35 tons to CAD982444481
1994: 134 - Aqueous solution with total organic residues less than 10 percent, 0.231 tons to CAT080013352

HIST AST - CA

Facility Name :	KS INDUSTRIES LP
Facility Address :	5024 AIRPORT, BAKERSFIELD, CA 93308
County :	Kern

Site Details

CUPA :	Kern
Owner Name :	KS INDUSTRIES LP
Total Gallons :	1,370
Last Date in Agency List :	2012-10-01

HIST UST_KERN COUNTY - CA

Facility Name :	KS INDUSTRIES - Airport
Facility Address :	5024 AIRPORT DR, BAKERSFIELD, 93308

Map Id: D20
Direction: NE
Distance: 0.206 mi., 1089 ft.
Elevation: 648 ft.
Relative: Higher

Site Name : KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K.S. FABRICATION & MACHINE INC.
5024 AIRPORT DR
BAKERSFIELD, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST_KERN COUNTY - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200556
EPA ID: N/R

HIST UST_KERN COUNTY - CA *(cont.)*

Facility Type :	Motor Vehicle Fueling
Program :	N/R
Last Date in Agency List :	2015-11-30

HWG - CA

Facility Name :	KEN SMALL CONSTRUCTION
Facility Address :	5024 AIRPORT DR, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAL000121473
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	5024 AIRPORT DR, BAKERSFIELD, CA 933089786
Owner Name :	KEN SMALL
Owner Address :	5024 AIRPORT DR, BAKERSFIELD, CA 933089786
Operator Name :	BOB MCQUEEN/SAFETY DIRECTOR
Operator Address :	INACTIVE PER VQ01 - BMI, BAKERSFIELD, CA 933080000
Latitude :	35.451809
Longitude :	-119.03835

LUST REG 5 - CA

Facility Name :	KEN SMALL OILFIELD SERVICE
Facility Address :	5024 AIRPORT DR, BAKERSFIELD, CA 93308
County :	Kern

Site Details

Status Date :	1991-01-30
Status :	Completed - Case Closed
Begin Date :	1988-04-25
Global ID :	T0602900131
Region :	REGION 5F
Site History :	N/R
RB Case Number :	5T15000131
Potential Media Affected :	Soil
Potential Contaminants of Concern :	Gasoline
Local Agency :	KERN COUNTY
Local Case Number :	010034
Lead Agency :	KERN COUNTY
File Location :	N/R
CUF Case :	NO
Caseworker :	JAN
Case Type :	LUST Cleanup Site

Map Id: D20
Direction: NE
Distance: 0.206 mi., 1089 ft.
Elevation: 648 ft.
Relative: Higher

Site Name : KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K.S. FABRICATION & MACHINE INC.
5024 AIRPORT DR
BAKERSFIELD, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST_KERN COUNTY - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200556
EPA ID: N/R

LUST REG 5 - CA *(cont.)*

How Discovered :	Tank Closure
How Discovered Description :	N/R
Stop Method :	N/R
Stop Description :	N/R
Calwater Watershed Name :	South Valley Floor - Kern Delta (557.10)
DWR Groundwater Subbasin Name :	San Joaquin Valley - Kern County (5-022.14)
Disadvantaged Community :	N/R
Latitude :	35.451378
Longitude :	-119.037902
Agency URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-10-07

Contacts Summary

Global ID :	T0602900131
Contact Name :	JANIS LEHMAN
Contact Type :	Local Agency Caseworker - Primary Caseworker
Organization Name :	KERN COUNTY
Address :	2700 "M" STREET SUITE 300
City :	BAKERSFIELD
Phone Number :	N/R
Email :	N/R

Global ID :	T0602900131
Contact Name :	JOHN WHITING
Contact Type :	Regional Board Caseworker
Organization Name :	CENTRAL VALLEY RWQCB (REGION 5F)
Address :	1685 E STREET
City :	FRESNO
Phone Number :	N/R
Email :	john.whiting@waterboards.ca.gov

Regulatory Activities

Date :	1988-12-07
Global ID :	T0602900131
Action Type :	Other
Action :	Leak Stopped

Date :	1988-04-25
Global ID :	T0602900131
Action Type :	Other
Action :	Leak Reported

Map Id: D20
Direction: NE
Distance: 0.206 mi., 1089 ft.
Elevation: 648 ft.
Relative: Higher

Site Name : KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K.S. FABRICATION & MACHINE INC.
5024 AIRPORT DR
BAKERSFIELD, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST_KERN COUNTY - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200556
EPA ID: N/R

LUST REG 5 - CA *(cont.)*

Date : 1988-04-25
Global ID : T0602900131
Action Type : Other
Action : Leak Discovery

Status History
Status Date : 1991-01-30
Global ID : T0602900131
Status : Completed - Case Closed

Status Date : 1990-03-30
Global ID : T0602900131
Status : Open - Remediation

Status Date : 1989-05-20
Global ID : T0602900131
Status : Open - Site Assessment

Status Date : 1989-02-07
Global ID : T0602900131
Status : Open - Site Assessment

Status Date : 1988-04-25
Global ID : T0602900131
Status : Open - Case Begin Date

LUST_KERN COUNTY - CA

Facility Name : KEN SMALL OILFIELD SERVICE
Facility Address : 5024 AIRPORT DR, BAKERSFIELD, 93308
County : KERN

Site Details
Status Date : 1991-01-30
Status : COMPLETED - CASE CLOSED
Begin Date : 1988-04-25
Global ID : T0602900131
Facility Type : LUST CLEANUP SITE
RB Case Number : 5T15000131
Potential Media Affected : Soil
Potential Contaminants of Concern : Gasoline

Map Id: D20
Direction: NE
Distance: 0.206 mi., 1089 ft.
Elevation: 648 ft.
Relative: Higher

Site Name : KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K.S. FABRICATION & MACHINE INC.
5024 AIRPORT DR
BAKERSFIELD, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST_KERN COUNTY - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200556
EPA ID: N/R

LUST_KERN COUNTY - CA *(cont.)*

Local Agency :	KERN COUNTY
Loc Case Number :	010034
Lead Agency :	KERN COUNTY
File Location :	N/R
CUF Case :	NO
Caseworker :	JAN
How Discovered :	Tank Closure
How Discovered Description :	N/R
Stop Method :	N/R
Stop Description :	N/R
Calwater Watershed Name :	South Valley Floor - Kern Delta (557.10)
DWR Groundwater Subbasin Name :	San Joaquin Valley - Kern County (5-022.14)
Disadvantaged Community :	N/R
Latitude :	35.451378
Longitude :	-119.037902
Site History :	N/R
Agency URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-09-24

Contacts Summary

Global ID :	T0602900131
Contact Name :	JANIS LEHMAN
Contact Type :	Local Agency Caseworker - Primary Caseworker
Organization Name :	KERN COUNTY
Address :	2700 "M" STREET SUITE 300
City :	BAKERSFIELD
Phone Number :	N/R
Email :	N/R

Global ID :	T0602900131
Contact Name :	JOHN WHITING
Contact Type :	Regional Board Caseworker
Organization Name :	CENTRAL VALLEY RWQCB (REGION 5F)
Address :	1685 E STREET
City :	FRESNO
Phone Number :	N/R
Email :	john.whiting@waterboards.ca.gov

Regulatory Activities

Date :	1988-12-07
Global ID :	T0602900131
Action Type :	Other
Action :	Leak Stopped

Map Id: D20
Direction: NE
Distance: 0.206 mi., 1089 ft.
Elevation: 648 ft.
Relative: Higher

Site Name : KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K.S. FABRICATION & MACHINE INC.
5024 AIRPORT DR
BAKERSFIELD, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST_KERN COUNTY - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200556
EPA ID: N/R

LUST_KERN COUNTY - CA *(cont.)*

Date : 1988-04-25
Global ID : T0602900131
Action Type : Other
Action : Leak Reported

Date : 1988-04-25
Global ID : T0602900131
Action Type : Other
Action : Leak Discovery

Status History Summary
Status Date : 1991-01-30
Global ID : T0602900131
Status : Completed - Case Closed

Status Date : 1990-03-30
Global ID : T0602900131
Status : Open - Remediation

Status Date : 1989-05-20
Global ID : T0602900131
Status : Open - Site Assessment

Status Date : 1989-02-07
Global ID : T0602900131
Status : Open - Site Assessment

Status Date : 1988-04-25
Global ID : T0602900131
Status : Open - Case Begin Date

UST - CA

Facility Name : KEN SMALL CONSTRUCTION INC
Facility Address : 5024 AIRPORT DR, BAKERSFIELD, 93308
County : Kern

Facility ID : FA0002404
CERS ID : N/R
Permitting Agency : KERN COUNTY
Latitude : 35.45269

Map Id: D20
Direction: NE
Distance: 0.206 mi., 1089 ft.
Elevation: 648 ft.
Relative: Higher

Site Name :	KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K.S. FABRICATION & MACHINE INC. 5024 AIRPORT DR BAKERSFIELD, CA 93308
Database(s) :	[AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST_KERN COUNTY - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200556
EPA ID: N/R

UST - CA *(cont.)*

Longitude :	-119.03651
Last Date in Agency List :	2017-01-13

Tank Details

Tank ID Number :	N/R
Tank Installation Date :	N/R
Tank Closure Date :	N/R
Tank Status :	N/R
Facility Type :	N/R
Owner Type :	N/R
Tank Owner Name :	N/R
Tank Owner Mailing Address :	N/R
Tank Operator Name :	N/R
Tank Operator Mailing Address :	N/R
Number of In-use UST :	N/R
Number of Closed UST :	N/R
Number of OOS UST :	N/R
Tank Number of Compartments :	N/R
Tank Contents :	N/R
Tank Capacity Gallons :	N/R
Tank Type :	N/R
Tank PC Construction :	N/R
Tank PW Piping Construction :	N/R
Tank Piping Type :	N/R
Tank Piping Construction :	N/R
Tank Sacrificial Anode :	N/R
Tank CP Impressed Current :	N/R
Tank CP Shutoff :	N/R
Tank Alarms :	N/R
Tank Ball Float :	N/R
Tank Spill Bucket :	N/R
Tank Configuration :	N/R

Facility Name :	KS INDUSTRIES LP
Facility Address :	5024 AIRPORT DR, BAKERSFIELD, 93308
County :	Kern

Facility ID :	N/R
CERS ID :	N/R
Permitting Agency :	Kern County Environmental Health Services Department
Latitude :	35.45134
Longitude :	-119.03786
Last Date in Agency List :	2017-03-08

Map Id: D20
Direction: NE
Distance: 0.206 mi., 1089 ft.
Elevation: 648 ft.
Relative: Higher

Site Name :	KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K.S. FABRICATION & MACHINE INC. 5024 AIRPORT DR BAKERSFIELD, CA 93308
Database(s) :	[AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST_KERN COUNTY - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200556
EPA ID: N/R

UST - CA *(cont.)*

Tank Details

Tank ID Number :	N/R
Tank Installation Date :	N/R
Tank Closure Date :	N/R
Tank Status :	N/R
Facility Type :	N/R
Owner Type :	N/R
Tank Owner Name :	N/R
Tank Owner Mailing Address :	N/R
Tank Operator Name :	N/R
Tank Operator Mailing Address :	N/R
Number of In-use UST :	N/R
Number of Closed UST :	N/R
Number of OOS UST :	N/R
Tank Number of Compartments :	N/R
Tank Contents :	N/R
Tank Capacity Gallons :	N/R
Tank Type :	N/R
Tank PC Construction :	N/R
Tank PW Piping Construction :	N/R
Tank Piping Type :	N/R
Tank Piping Construction :	N/R
Tank Sacrificial Anode :	N/R
Tank CP Impressed Current :	N/R
Tank CP Shutoff :	N/R
Tank Alarms :	N/R
Tank Ball Float :	N/R
Tank Spill Bucket :	N/R
Tank Configuration :	N/R

UST_KERN COUNTY - CA

Facility Name :	KS INDUSTRIES LP
Facility Address :	5024 AIRPORT DR, BAKERSFIELD, CA 93308

Site Details

Facility ID :	FA0002404
CERS ID :	10233448
Mailing Address :	N/R
Mailing Address (Care of) :	N/R
Last Date in Agency List :	2016-03-21

Tank Details

Tank Number :	N/R
Install Date :	N/R

Map Id: D20
Direction: NE
Distance: 0.206 mi., 1089 ft.
Elevation: 648 ft.
Relative: Higher

Site Name : KS INDUSTRIES LP | KEN SMALL OILFIELD SERVICE | K.S. FABRICATION & MACHINE INC.
5024 AIRPORT DR
BAKERSFIELD, CA 93308

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST_KERN COUNTY - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, UST - CA, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200556
EPA ID: N/R

UST_KERN COUNTY - CA *(cont.)*

Date of Closure :	N/R
Billing Status :	Active, billable
Number of Compartments :	N/R
Capacity :	N/R
Product Type :	N/R
Program/Element :	N/R

Map Id: C21
Direction: NE
Distance: 0.207 mi., 1095 ft.
Elevation: 650 ft.
Relative: Higher

Site Name : PRECISION AIR SYSTEMS INC | DOTY BROTHERS EQUIPMENT COMPANY | SUBSURFACE OILFIELD SPECIALISTS
4808 ORTIZ CT SUITE A | 4808 ORTIZ CT BLDG C | 4808 ORTIZ CT UNIT B2
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA, RCRA_NONGEN]

Envirosite ID: 58200555
EPA ID: CAL000336296

HAZNET - CA

Facility Name :	ACES ENTERPRISES INC
Facility Address :	4808 ORTIZ CT UNIT B2, BAKERSFIELD, CA 93308
County :	KERN

Site Details

Generator EPA ID :	CAL000336296
Active :	Inactive
Category :	STATE
Facility Types :	N/R
Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	PO BOX 5279, BAKERSFIELD, CA 933885279
Latitude :	35.44926076
Longitude :	-119.03571662
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

Facility Name :	APPLUS RTD
Facility Address :	4808 ORTIZ CT UNIT B2, BAKERSFIELD, CA 93308
County :	KERN

Map Id: C21
Direction: NE
Distance: 0.207 mi., 1095 ft.
Elevation: 650 ft.
Relative: Higher

Site Name : PRECISION AIR SYSTEMS INC | DOTY BROTHERS EQUIPMENT COMPANY | SUBSURFACE OILFIELD SPECIALISTS
4808 ORTIZ CT SUITE A | 4808 ORTIZ CT BLDG C | 4808 ORTIZ CT UNIT B2
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA, RCRA_NONGEN] *(cont.)*

Envirosite ID: 58200555
EPA ID: CAL000336296

HAZNET - CA *(cont.)*

Site Details

Generator EPA ID :	CAL000411898
Active :	Inactive
Category :	STATE
Facility Types :	N/R
Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	254 E NORRIS RD, BAKERSFIELD, CA 933083582
Latitude :	35.44968600
Longitude :	-119.03544450
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08
Facility Name :	PRECISION AIR SYSTEMS INC
Facility Address :	4808 ORTIZ CT BLDG C, BAKERSFIELD, CA 93308
County :	KERN

Site Details

Generator EPA ID :	CAL000339298
Active :	Active
Category :	STATE
Facility Types :	N/R
Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	PO BOX 5128, BAKERSFIELD, CA 933885128
Latitude :	35.44926076
Longitude :	-119.03571662
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

Waste Generator Details

State Waste :	2015: 352 - Other organic solids, 0.5 tons to CAL000282598
Facility Name :	SUBSURFACE OILFIELD SPECIALISTS
Facility Address :	4808 ORTIZ CT UNIT B1, BAKERSFIELD, CA 93308
County :	KERN

Site Details

Generator EPA ID :	CAL000320735
Active :	Inactive
Category :	STATE
Facility Types :	N/R

Map Id: C21
Direction: NE
Distance: 0.207 mi., 1095 ft.
Elevation: 650 ft.
Relative: Higher

Site Name : PRECISION AIR SYSTEMS INC | DOTY BROTHERS EQUIPMENT COMPANY | SUBSURFACE OILFIELD SPECIALISTS
4808 ORTIZ CT SUITE A | 4808 ORTIZ CT BLDG C | 4808 ORTIZ CT UNIT B2
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA, RCRA_NONGEN] *(cont.)*

Envirosite ID: 58200555
EPA ID: CAL000336296

HAZNET - CA *(cont.)*

Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	4808 ORTIZ CT UNIT B1, BAKERSFIELD, CA 933089838
Latitude :	35.44926076
Longitude :	-119.03571662
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

HWG - CA

Facility Name :	ACES ENTERPRISES INC
Facility Address :	4808 ORTIZ CT UNIT B2, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAL000336296
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	PO BOX 5279, BAKERSFIELD, CA 933885279
Owner Name :	ACES ENTERPRISES INC
Owner Address :	7001 JOYCE CT, BAKERSFIELD, CA 933085308
Operator Name :	KEITH MORRIS
Operator Address :	PO BOX 5279, BAKERSFIELD, CA 933885279
Latitude :	35.448629
Longitude :	-119.035721

Facility Name :	APPLUS RTD
Facility Address :	4808 ORTIZ CT UNIT B2, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAL000411898
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	254 E NORRIS RD, BAKERSFIELD, CA 933083582
Owner Name :	LIBERTY TOWN 2 USA INC
Owner Address :	254 E NORRIS RD, BAKERSFIELD, CA 933083582
Operator Name :	TODD STEELMAN
Operator Address :	254 E NORRIS RD, BAKERSFIELD, CA 933083582
Latitude :	35.449686
Longitude :	-119.035444

Facility Name :	DOTY BROTHERS EQUIPMENT COMPANY
Facility Address :	4808 ORTIZ CT SUITE A, BAKERSFIELD, CA 93308
County :	KERN

Map Id: C21
Direction: NE
Distance: 0.207 mi., 1095 ft.
Elevation: 650 ft.
Relative: Higher

Site Name : PRECISION AIR SYSTEMS INC | DOTY BROTHERS EQUIPMENT COMPANY | SUBSURFACE OILFIELD SPECIALISTS
4808 ORTIZ CT SUITE A | 4808 ORTIZ CT BLDG C | 4808 ORTIZ CT UNIT B2
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA, RCRA_NONGEN] *(cont.)*

Envirosite ID: 58200555
EPA ID: CAL000336296

HWG - CA *(cont.)*

EPA ID :	CAC003183920
Status :	Inactive
Category :	STATE
Type :	TEMPORARY
Facility Type :	N/R
Mailing Address :	11232 E. FIRESTONE BLVD., NORWALK, CA 90650
Owner Name :	DOTY BROTHERS
Owner Address :	11232 E. FIRESTONE BLVD., NORWALK, CA 90650
Operator Name :	TRAVIS NICHOLS
Operator Address :	11232 E. FIRESTONE BLVD., NORWALK, CA 90650
Latitude :	35.44954
Longitude :	-119.035468
Facility Name :	PRECISION AIR SYSTEMS INC
Facility Address :	4808 ORTIZ CT BLDG C, BAKERSFIELD, CA 93308
County :	KERN

EPA ID :	CAL000339298
Status :	Active
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	PO BOX 5128, BAKERSFIELD, CA 933885128
Owner Name :	PRECISION AIR SYSTEMS INC
Owner Address :	4808 ORTIZ CT, BAKERSFIELD, CA 933080000
Operator Name :	TOM DUNCAN
Operator Address :	4808 ORTIZ CT, BAKERSFIELD, CA 93308
Latitude :	35.448629
Longitude :	-119.035721
Facility Name :	SUBSURFACE OILFIELD SPECIALISTS
Facility Address :	4808 ORTIZ CT UNIT B1, BAKERSFIELD, CA 93308
County :	KERN

EPA ID :	CAL000320735
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	4808 ORTIZ CT UNIT B1, BAKERSFIELD, CA 933089838
Owner Name :	DAVID TAYLOR/JIGENIO BARRAZA
Owner Address :	4808 ORTIZ CT UNIT B1, BAKERSFIELD, CA 933089838
Operator Name :	DAVID TAYLOR
Operator Address :	4808 ORTIZ CT UNIT B1, BAKERSFIELD, CA 933089838
Latitude :	35.448629
Longitude :	-119.035721

Map Id: C21
Direction: NE
Distance: 0.207 mi., 1095 ft.
Elevation: 650 ft.
Relative: Higher

Site Name : PRECISION AIR SYSTEMS INC | DOTY BROTHERS EQUIPMENT COMPANY | SUBSURFACE OILFIELD SPECIALISTS
4808 ORTIZ CT SUITE A | 4808 ORTIZ CT BLDG C | 4808 ORTIZ CT UNIT B2
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA, RCRA_NONGEN] *(cont.)*

Envirosite ID: 58200555
EPA ID: CAL000336296

RCRA_NONGEN

Facility Name :	DOTY BROTHERS EQUIPMENT COMPANY
Facility Address :	4808 ORTIZ CT SUITE A, BAKERSFIELD, CA 93308
County :	KERN
Date Form Received by Agency :	2022-07-06
EPA ID :	CAC003183920
Mailing Address :	11232 E. FIRESTONE BLVD., NORWALK, CA 90650
Contact :	TRAVIS NICHOLS
Contact Address :	11232 E. FIRESTONE BLVD., NORWALK, CA 90650
Contact Country :	N/R
Contact Telephone :	562-454-6335
Contact Email :	TRAVIS.NICHOLS@DOTYBROS.COM
EPA Region :	09
Land Type :	Not Reported
Source Type :	Implementer
Classification :	Not a generator, verified
Description :	Not a generator, verified
Last Date in Agency List :	2024-12-17

Owner/Operator Summary

Owner/Operator Name :	DOTY BROTHERS
Owner/Operator Address :	11232 E. FIRESTONE BLVD., NORWALK, CA 90650
Owner/Operator Country :	N/R
Owner/Operator Telephone :	562-864-6566
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Owner/Operator Name :	TRAVIS NICHOLS
Owner/Operator Address :	11232 E. FIRESTONE BLVD., NORWALK, CA 90650
Owner/Operator Country :	N/R
Owner/Operator Telephone :	562-454-6335
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N/R
Recycler of Hazardous Waste :	N

Map Id: C21
Direction: NE
Distance: 0.207 mi., 1095 ft.
Elevation: 650 ft.
Relative: Higher

Site Name : PRECISION AIR SYSTEMS INC | DOTY BROTHERS EQUIPMENT COMPANY | SUBSURFACE OILFIELD SPECIALISTS
4808 ORTIZ CT SUITE A | 4808 ORTIZ CT BLDG C | 4808 ORTIZ CT UNIT B2
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA, RCRA_NONGEN] *(cont.)*

Envirosite ID: 58200555
EPA ID: CAL000336296

RCRA_NONGEN *(cont.)*

Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary

Regulation Violated :	N

Facility Name :	PRECISION AIR SYSTEMS INC
Facility Address :	4808 ORTIZ CT BLDG C, BAKERSFIELD, CA 93308
County :	KERN

Date Form Received by Agency :	2008-12-24
EPA ID :	CAL000339298
Mailing Address :	PO BOX 5128, BAKERSFIELD, CA 93388-5128
Contact :	TOM DUNCAN
Contact Address :	4808 ORTIZ CT BLDG C, BAKERSFIELD, CA 93308
Contact Country :	N/R
Contact Telephone :	661-631-2295
Contact Email :	BROBERTSON@PRECISIONAIRSYSTEMS.COM
EPA Region :	09
Land Type :	Not Reported
Source Type :	Implementer
Classification :	Not a generator, verified
Description :	Not a generator, verified
Last Date in Agency List :	2024-12-17

Owner/Operator Summary

Owner/Operator Name :	PRECISION AIR SYSTEMS INC
Owner/Operator Address :	4808 ORTIZ CT BLDG C, BAKERSFIELD, CA 93308-0000
Owner/Operator Country :	N/R
Owner/Operator Telephone :	661-631-2295
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Map Id: C21
Direction: NE
Distance: 0.207 mi., 1095 ft.
Elevation: 650 ft.
Relative: Higher

Site Name : PRECISION AIR SYSTEMS INC | DOTY BROTHERS EQUIPMENT COMPANY | SUBSURFACE OILFIELD SPECIALISTS
4808 ORTIZ CT SUITE A | 4808 ORTIZ CT BLDG C | 4808 ORTIZ CT UNIT B2
BAKERSFIELD, CA 93308
Database(s) : [HAZNET - CA, HWG - CA, RCRA_NONGEN] *(cont.)*

Envirosite ID: 58200555
EPA ID: CAL000336296

RCRA_NONGEN *(cont.)*

Owner/Operator Name :	TOM DUNCAN
Owner/Operator Address :	4808 ORTIZ CT BLDG C, BAKERSFIELD, CA 93308
Owner/Operator Country :	N/R
Owner/Operator Telephone :	661-631-2295
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary

Regulation Violated :	N

Map Id: E22
Direction: SSW
Distance: 0.209 mi., 1105 ft.
Elevation: 545 ft.
Relative: Lower

Site Name : VTPM 12146 PHASE 2 PARCEL 11
BETWEEN WINGS WAY AND AIRPORT DRIVE
BAKERSFIELD | Bakersfield, CA 93308
Database(s) : [CALEPA SITES - CA]

Envirosite ID: 23303289
EPA ID: N/R

CALEPA SITES - CA

Facility Name :	VTPM 12146 PHASE 2 PARCEL 11
Facility Address :	BETWEEN WINGS WAY AND AIRPORT DRIVE, BAKERSFIELD, 93308

Map Id: E22
Direction: SSW
Distance: 0.209 mi., 1105 ft.
Elevation: 545 ft.
Relative: Lower

Site Name : VTPM 12146 PHASE 2 PARCEL 11
BETWEEN WINGS WAY AND AIRPORT DRIVE
BAKERSFIELD | Bakersfield, CA 93308
Database(s) : [CALEPA SITES - CA] *(cont.)*

Envirosite ID: 23303289
EPA ID: N/R

CALEPA SITES - CA *(cont.)*

Site ID :	559295
EI ID :	874209
EI Description :	Construction Storm Water
Latitude :	35.438330
Longitude :	-119.046020
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-05-23

Map Id: 23
Direction: SSE
Distance: 0.210 mi., 1109 ft.
Elevation: 572 ft.
Relative: Lower

Site Name : VTTM 7234 | VTTM 7234 BLACK OPS AIRPORT
AIRPORT DRIVE & MOON MEADOW DRIVE
Bakersfield | BAKERSFIELD, CA 93308
Database(s) : [CALEPA SITES - CA]

Envirosite ID: 352925
EPA ID: N/R

CALEPA SITES - CA

Facility Name :	VTTM 7234
Facility Address :	AIRPORT DRIVE & MOON MEADOW DRIVE, BAKERSFIELD, 93308

Site ID :	546276
EI ID :	868746
EI Description :	Construction Storm Water
Latitude :	35.439780
Longitude :	-119.097340
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-05-23

Map Id: E24
Direction: SSW
Distance: 0.211 mi., 1112 ft.
Elevation: 545 ft.
Relative: Lower

Site Name : SUNBELT RENTALS PC 1449 | MICHAEL GIGLIELLO
1260 CITATION WAY | 1201 CITATION WAY | 1201 CITATION WAY SILVER WINGS INDUSTRIAL PARK
BAKERSFIELD | Bakersfield, CA 93308
Database(s) : [HWG - CA, RCRA_NONGEN]

Envirosite ID: 53133750
EPA ID: N/R

HWG - CA

Facility Name :	SUNBELT RENTALS PC 1449
Facility Address :	1260 CITATION WAY, BAKERSFIELD, CA 93308
County :	KERN

Map Id: E24
Direction: SSW
Distance: 0.211 mi., 1112 ft.
Elevation: 545 ft.
Relative: Lower

Site Name : SUNBELT RENTALS PC 1449 | MICHAEL GIGLIELLO
1260 CITATION WAY | 1201 CITATION WAY | 1201 CITATION WAY SILVER WINGS INDUSTRIAL PARK
BAKERSFIELD | Bakersfield, CA 93308
Database(s) : [HWG - CA, RCRA_NONGEN] *(cont.)*

Envirosite ID: 53133750
EPA ID: N/R

HWG - CA *(cont.)*

EPA ID :	CAL000479895
Status :	Active
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	1799 INNOVATION POINT, FORT MILL, SC 297158298
Owner Name :	SUNBELT RENTALS INC
Owner Address :	1799 INNOVATION POINT, FORT MILL, SC 297158298
Operator Name :	MIKE CROUCH, PG, PE
Operator Address :	1799 INNOVATION POINT, FORT MILL, SC 29715
Latitude :	35.439386
Longitude :	-119.048831

RCRA_NONGEN

Facility Name :	MICHAEL GIGLIELLO
Facility Address :	1201 CITATION WAY SILVER WINGS INDUSTRIAL PARK, BAKERSFIELD, CA 93308
County :	KERN
Date Form Received by Agency :	2020-12-09
EPA ID :	CAC003096403
Mailing Address :	1201 CITATION WAY SILVER WINGS INDUSTRIAL PARK, BAKERSFIELD, CA 93308
Contact :	MICHAEL GIGLIELLO
Contact Address :	1201 CITATION WAY SILVER WINGS INDUSTRIAL PARK, BAKERSFIELD, CA 93308
Contact Country :	N/R
Contact Telephone :	724-989-6070
Contact Email :	MICHAEL.GIGLIELLO@US.KASTO.COM
EPA Region :	09
Land Type :	Not Reported
Source Type :	Implementer
Classification :	Not a generator, verified
Description :	Not a generator, verified
Last Date in Agency List :	2024-12-17

Owner/Operator Summary

Owner/Operator Name :	MICHAEL GIGLIELLO
Owner/Operator Address :	1201 CITATION WAY SILVER WINGS INDUSTRIAL PARK, BAKERSFIELD, CA 93308
Owner/Operator Country :	N/R
Owner/Operator Telephone :	724-989-6070
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Map Id: E24
Direction: SSW
Distance: 0.211 mi., 1112 ft.
Elevation: 545 ft.
Relative: Lower

Site Name : SUNBELT RENTALS PC 1449 | MICHAEL GIGLIELLO
1260 CITATION WAY | 1201 CITATION WAY | 1201 CITATION WAY SILVER WINGS INDUSTRIAL PARK
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [HWG - CA, RCRA_NONGEN] *(cont.)*

Envirosite ID: 53133750
EPA ID: N/R

RCRA_NONGEN *(cont.)*

Owner/Operator Name :	MICHAEL GIGLIELLO
Owner/Operator Address :	1201 CITATION WAY SILVER WINGS INDUSTRIAL PARK, BAKERSFIELD, CA 93308
Owner/Operator Country :	N/R
Owner/Operator Telephone :	724-989-6070
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N/R
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary

Regulation Violated :	N

Facility Name :	SUNBELT RENTALS PC 1449
Facility Address :	1260 CITATION WAY, BAKERSFIELD, CA 93308
County :	KERN
Date Form Received by Agency :	2023-08-11
EPA ID :	CAL000479895
Mailing Address :	1799 INNOVATION POINT, FORT MILL, SC 29715
Contact :	CLINT HARRIS
Contact Address :	1260 CITATION WAY, BAKERSFIELD, CA 93308
Contact Country :	N/R
Contact Telephone :	661-368-7122
Contact Email :	PCM1449@SUNBELTRENTALS.COM
EPA Region :	09
Land Type :	Not Reported
Source Type :	Implementer
Classification :	Not a generator, verified

Map Id: E24
Direction: SSW
Distance: 0.211 mi., 1112 ft.
Elevation: 545 ft.
Relative: Lower

Site Name : SUNBELT RENTALS PC 1449 | MICHAEL GIGLIELLO
1260 CITATION WAY | 1201 CITATION WAY | 1201 CITATION WAY SILVER WINGS INDUSTRIAL PARK
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [HWG - CA, RCRA_NONGEN] *(cont.)*

Envirosite ID: 53133750
EPA ID: N/R

RCRA_NONGEN *(cont.)*

Description :	Not a generator, verified
Last Date in Agency List :	2024-12-17

Owner/Operator Summary

Owner/Operator Name :	CLINT HARRIS
Owner/Operator Address :	1260 CITATION WAY, BAKERSFIELD, CA 93308
Owner/Operator Country :	N/R
Owner/Operator Telephone :	661-368-7122
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Owner/Operator Name :	SUNBELT RENTALS INC
Owner/Operator Address :	1799 INNOVATION POINT, FORT MILL, SC 29715
Owner/Operator Country :	N/R
Owner/Operator Telephone :	704-222-2484
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Other land type
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N/R
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary

Regulation Violated :	N

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name :	SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION 1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm BAKERSFIELD | Bakersfield, CA
Database(s) :	[AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA]

Envirosite ID: 58200549
EPA ID: N/R

AST_KERN COUNTY - CA

Facility Name :	Bakersfield Tank Farm/Pump Station
Facility Address :	1801 Petrol Rd, Bakersfield, CA 93308

Site Details

Facility ID :	FA0001141
CERS ID :	10157367
Last HMIRRP Date :	N/R
Billing Status :	Active, billable
Program/Element Code :	CD03
Program/Element :	APSA >99,999 GALLON CAPACITY
Current Inspection Date :	2026-03-01
Designated Employee :	BODDETI
Mailing Address :	3760 Kilroy Airport Way #300, Long Beach, CA 90806
Mailing Address 2 :	N/R
Last Date in Agency List :	2024-05-21

Facility Name :	Crimson Pipeline - Bakersfield Tank Farm
Facility Address :	1801 Petrol Rd, Bakersfield, CA 93308

Site Details

Facility ID :	FA0001141
CERS ID :	10157367
Last HMIRRP Date :	N/R
Billing Status :	Active, billable
Program/Element Code :	CD03
Program/Element :	APSA >99,999 GALLON CAPACITY
Current Inspection Date :	2022-10-01
Designated Employee :	McCormick
Mailing Address :	1801 Petrol Road, Bakersfield, CA 93308
Mailing Address 2 :	N/R
Last Date in Agency List :	2022-04-15

Facility Name :	Crimson Pipeline Bakersfield Tank Farm/Pump Station
Facility Address :	1801 Petrol Rd, Bakersfield, CA 93308

Site Details

Facility ID :	FA0001141
CERS ID :	10157367
Last HMIRRP Date :	N/R

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name : SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION
1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm
BAKERSFIELD | Bakersfield, CA

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

AST_KERN COUNTY - CA *(cont.)*

Billing Status : Active, billable
Program/Element Code : CD03
Program/Element : APSA >99,999 GALLON CAPACITY
Current Inspection Date : 2026-03-01
Designated Employee : BODDETI
Mailing Address : 1900 Main Street #600, Irvine, CA 92614
Mailing Address 2 : N/R
Last Date in Agency List : 2025-01-20

Facility Name : Shell Pipeline Co LP-Bakersfield Tank Farm
Facility Address : 1801 Petrol Rd, Bakersfield, CA 93308

Site Details
Facility ID : FA0001141
CERS ID : 10157367
Last HMIRRP Date : N/R
Billing Status : Active, billable
Program/Element Code : CD03
Program/Element : APSA >99,999 GALLON CAPACITY
Current Inspection Date : 2022-10-01
Designated Employee : McCormick
Mailing Address : 1801 Petrol Road, Bakersfield, CA 93308
Mailing Address 2 : N/R
Last Date in Agency List : 2021-02-04

CALEPA SITES - CA

Facility Name : BAKERSFIELD PUMP STATION
Facility Address : 1801 PETROL RD, BAKERSFIELD, 93308

Site ID : 636673
EI ID : T0602900002
EI Description : Leaking Underground Storage Tank Cleanup Site
Latitude : 35.448547
Longitude : -119.046576
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2023-07-21

Site ID : 869584
EI ID : T0602900002
EI Description : Leaking Underground Storage Tank Cleanup Site
Latitude : 35.448547

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name : SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION
1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm
BAKERSFIELD | Bakersfield, CA

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

CALEPA SITES - CA *(cont.)*

Longitude : -119.046576
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

Site ID : 244164
EI ID : T0602900002
EI Description : Leaking Underground Storage Tank Cleanup Site
Latitude : 35.448547
Longitude : -119.046576
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2022-12-21

Facility Name : BAKERSFIELD TANK FARM/PUMP STATION
Facility Address : 1801 PETROL RD, BAKERSFIELD, 93308

Site ID : 67200
EI ID : 10157367
EI Description : Hazardous Waste Generator
Latitude : 35.448495
Longitude : -119.043993
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

Site ID : 67200
EI ID : 10157367
EI Description : Aboveground Petroleum Storage
Latitude : 35.448495
Longitude : -119.043993
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

Site ID : 67200
EI ID : 10157367
EI Description : Chemical Storage Facilities
Latitude : 35.448495
Longitude : -119.043993
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

Facility Name : SAN PABLO BAY PIPELINE COMPANY LLC - BAKERSFIELD TANK FARM/PUMP STATION

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name : SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION
1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm
BAKERSFIELD | Bakersfield, CA

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

CALEPA SITES - CA *(cont.)*

Facility Address : 1801 PETROL ROAD, BAKERSFIELD, 93308

Site ID : 493840
EI ID : 110002704360
EI Description : US EPA Air Emission Inventory System (EIS)
Latitude : 35.448540
Longitude : -119.044040
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

Facility Name : SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM
Facility Address : 1801 PETROL RD, BAKERSFIELD, 93308

Site ID : 67200
EI ID : 10157367
EI Description : Chemical Storage Facilities
Latitude : 35.448495
Longitude : -119.043993
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2022-06-27

Site ID : 67200
EI ID : 10157367
EI Description : Aboveground Petroleum Storage
Latitude : 35.448495
Longitude : -119.043993
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2022-06-27

Site ID : 67200
EI ID : 10157367
EI Description : Hazardous Waste Generator
Latitude : 35.448495
Longitude : -119.043993
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2022-06-27

Facility Name : SHELL PIPELINE CO LP-BAKERSFILED PUMP
Facility Address : 1801 PETROL ROAD, BAKERSFIELD, 93308-9793

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name : SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION
1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm
BAKERSFIELD | Bakersfield, CA

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

CALEPA SITES - CA *(cont.)*

Site ID : 493840
EI ID : 110002704360
EI Description : US EPA Air Emission Inventory System (EIS)
Latitude : 35.448540
Longitude : -119.044040
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2023-07-21

Facility Name : SHELL PIPELINE COMPANY LP
Facility Address : 1801 PETROL RD, BAKERSFIELD, 93308

Site ID : 493843
EI ID : 110010481102
EI Description : US EPA Air Emission Inventory System (EIS)
Latitude : 35.448540
Longitude : -119.044040
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2024-05-23

HAZNET - CA

Facility Name : SAN PABLO BAY PIPELINE COMPANY LLC- BAKERSFIELD TANK FARM/PUMP STATION
Facility Address : 1801 PETROL RD, BAKERSFIELD, CA 93308
County : KERN

Site Details
Generator EPA ID : CAD981435506
Active : Active
Category : FEDERAL
Facility Types : N/R
Type : PERMANENT
Contact Name : N/R
Contact Phone : N/R
Facility Mailing Address : 3760 KILROY AIRPORT WAY, LONG BEACH, CA 908060000
Latitude : 35.44862912
Longitude : -119.08743459
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2021-07-08

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name :	SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION 1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm BAKERSFIELD | Bakersfield, CA
Database(s) :	[AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

HAZNET - CA *(cont.)*

Waste Generator Details

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your Envirosite account representative for a complimentary site report containing all of the details available.

State Waste :

2019: 181 - Other inorganic solid waste, 0.22935 tons to CAD028409019
2018: 331 - Off-specification, aged or surplus organics, 0.01000 tons to CAD028409019
2018: 352 - Other organic solids, 0.06500 tons to CAD028409019
2018: 181 - Other inorganic solid waste, 8.24800 tons to CAD980675276
2017: 181 - Other inorganic solid waste, 0.015 tons to CAD028409019
2017: 151 - Asbestos containing waste, 0.09 tons to CAD028409019
2016: 151 - Asbestos containing waste, 0.2795 tons to CAD028409019
2016: 151 - Asbestos containing waste, 4.14 tons to CAD980675276
2016: 352 - Other organic solids, 0.03 tons to CAD028409019
2015: 352 - Other organic solids, 0.045 tons to CAD028409019
2015: 331 - Off-specification, aged or surplus organics, 0.05 tons to CAD028409019
2015: N/R - Blank or unknown, 0.025 tons to CAD059494310
2015: 151 - Asbestos containing waste, 0.7 tons to CAD980675276
2014: 181 - Other inorganic solid waste, 0.3065 tons to CAD028409019
2014: 151 - Asbestos containing waste, 4.6 tons to CAD980675276
2013: 181 - Other inorganic solid waste, 0.001 tons to CAD028409019
2012: 181 - Other inorganic solid waste, 10.1136 tons to NVT330010000
2012: 352 - Other organic solids, 0.025 tons to CAT000646117
2012: 223 - Unspecified oil-containing waste, 0.3 tons to CAD028409019
2012: 181 - Other inorganic solid waste, 0.1325 tons to CAD028409019
2012: 352 - Other organic solids, 0.025 tons to CAD028409019
2011: N/R - Blank or unknown, 0.08 tons to CAT000646117
2011: 352 - Other organic solids, 0.125 tons to UTD981552177
2008: 181 - Other inorganic solid waste, 8.578 tons to CAD980675276
2008: 352 - Other organic solids, 8.428 tons to CAT000646117
2007: 181 - Other inorganic solid waste, 46.1 tons to CAD980675276
2007: 725 - Liquids with mercury >= 20 Mg./L, 0.02085 tons to CAT000646117
2007: 352 - Other organic solids, 16.856 tons to CAT000646117
2006: 352 - Other organic solids, 8.428 tons to CAT000646117
2006: 181 - Other inorganic solid waste, 0.2 tons to CAT000646117

HIST AST - CA

Facility Name : Shell Pipeline Co LP-Bakersfield Tank Farm
Facility Address : 1801 PETROL RD, Bakersfield, CA 93308
County : Kern

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name : SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION
1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm
BAKERSFIELD | Bakersfield, CA

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

HIST AST - CA *(cont.)*

Site Details

CERS ID :	10157367
Facility ID :	FA0001141
EPA ID :	CAD981435506
Business Name :	SPLC/SOPUS
Phone :	661-391-5875
Fax :	661-391-5888
Mailing Address :	1801 Petrol Road, Bakersfield, CA 93308
Owner Name :	Shell Pipeline Company LP
Owner Phone :	310-816-2060
Owner Mailing Address :	20945 South Wilmington Avenue, Carson, CA 90810
Property Owner Name :	Equilon Enterprises LLC dba Shell Oil Products US
Property Owner Phone :	310-816-2208
Property Owner Mailing Address :	20945 South Wilmington Avenue, Carson, CA 90810
Operator Name :	Shell Pipeline Company LP
Operator Phone :	661-391-5875
CUPA :	N/R
Total Gallons :	N/R
Facility Latitude Measure :	35.44849
Facility Longitude Measure :	-119.04399
Last Date in Agency List :	2018-01-31

HIST UST - CA

Facility Name :	BAKERSFIELD TANK FARM AND PUMP S
Facility Address :	1801 PETROL RD, BAKERSFIELD, 93308
County :	Kern
PDF Link :	Click here for hyperlink provided by the agency.

HWG - CA

Facility Name :	SAN PABLO BAY PIPELINE COMPANY LLC- BAKERSFIELD TANK FARM/PUMP STATION
Facility Address :	1801 PETROL RD, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAD981435506
Status :	Active
Category :	FEDERAL
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	1900 MAIN STREET, IRVINE, CA 926140000
Owner Name :	CRIMSON PIPELINE, LLC
Owner Address :	1900 MAIN STREET, IRVINE, CA 926140000

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name :	SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION 1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm BAKERSFIELD | Bakersfield, CA
Database(s) :	[AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

HWG - CA *(cont.)*

Operator Name :	CRIMSON ENVIRONMENTAL
Operator Address :	1900 MAIN STREET, IRVINE, CA 92614
Latitude :	35.448562
Longitude :	-119.056266

LUST REG 5 - CA

Facility Name :	BAKERSFIELD PUMP STATION
Facility Address :	1801 PETROL RD, BAKERSFIELD, CA 93308
County :	Kern

Site Details

Status Date :	1989-02-24
Status :	Completed - Case Closed
Begin Date :	1987-06-04
Global ID :	T0602900002
Region :	REGION 5
Site History :	N/R
RB Case Number :	5T15000002
Potential Media Affected :	Soil
Potential Contaminants of Concern :	* Solvents
Local Agency :	KERN COUNTY
Local Case Number :	050118
Lead Agency :	KERN COUNTY
File Location :	N/R
CUF Case :	NO
Caseworker :	JAN
Case Type :	LUST Cleanup Site
How Discovered :	Tank Closure
How Discovered Description :	N/R
Stop Method :	N/R
Stop Description :	N/R
Calwater Watershed Name :	South Valley Floor - Kern Delta (557.10)
DWR Groundwater Subbasin Name :	San Joaquin Valley - Kern County (5-022.14)
Disadvantaged Community :	N/R
Latitude :	35.448547
Longitude :	-119.046576
Agency URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-10-07

Contacts Summary

Global ID :	T0602900002
Contact Name :	JANIS LEHMAN

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name : SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION
1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm
BAKERSFIELD | Bakersfield, CA

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

LUST REG 5 - CA *(cont.)*

Contact Type :	Local Agency Caseworker - Primary Caseworker
Organization Name :	KERN COUNTY
Address :	2700 "M" STREET SUITE 300
City :	BAKERSFIELD
Phone Number :	N/R
Email :	N/R

Global ID :	T0602900002
Contact Name :	JOHN WHITING
Contact Type :	Regional Board Caseworker
Organization Name :	CENTRAL VALLEY RWQCB (REGION 5F)
Address :	1685 E STREET
City :	FRESNO
Phone Number :	N/R
Email :	john.whiting@waterboards.ca.gov

Regulatory Activities

Date :	1987-10-29
Global ID :	T0602900002
Action Type :	Other
Action :	Leak Discovery

Date :	1987-06-04
Global ID :	T0602900002
Action Type :	Other
Action :	Leak Reported

Status History

Status Date :	1989-02-24
Global ID :	T0602900002
Status :	Completed - Case Closed

Status Date :	1987-06-11
Global ID :	T0602900002
Status :	Open - Site Assessment

Status Date :	1987-06-04
Global ID :	T0602900002
Status :	Open - Case Begin Date

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name :	SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION 1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm BAKERSFIELD | Bakersfield, CA
Database(s) :	[AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

LUST_KERN COUNTY - CA

Facility Name :	BAKERSFIELD PUMP STATION
Facility Address :	1801 PETROL RD, BAKERSFIELD, 93308
County :	KERN

Site Details

Status Date :	1989-02-24
Status :	COMPLETED - CASE CLOSED
Begin Date :	1987-06-04
Global ID :	T0602900002
Facility Type :	LUST CLEANUP SITE
RB Case Number :	5T15000002
Potential Media Affected :	Soil
Potential Contaminants of Concern :	* Solvents
Local Agency :	KERN COUNTY
Loc Case Number :	050118
Lead Agency :	KERN COUNTY
File Location :	N/R
CUF Case :	NO
Caseworker :	JAN
How Discovered :	Tank Closure
How Discovered Description :	N/R
Stop Method :	N/R
Stop Description :	N/R
Calwater Watershed Name :	South Valley Floor - Kern Delta (557.10)
DWR Groundwater Subbasin Name :	San Joaquin Valley - Kern County (5-022.14)
Disadvantaged Community :	N/R
Latitude :	35.448547
Longitude :	-119.046576
Site History :	N/R
Agency URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-09-24

Contacts Summary

Global ID :	T0602900002
Contact Name :	JANIS LEHMAN
Contact Type :	Local Agency Caseworker - Primary Caseworker
Organization Name :	KERN COUNTY
Address :	2700 "M" STREET SUITE 300
City :	BAKERSFIELD
Phone Number :	N/R
Email :	N/R

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name : SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION
1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm
BAKERSFIELD | Bakersfield, CA

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

LUST_KERN COUNTY - CA *(cont.)*

Global ID :	T0602900002
Contact Name :	JOHN WHITING
Contact Type :	Regional Board Caseworker
Organization Name :	CENTRAL VALLEY RWQCB (REGION 5F)
Address :	1685 E STREET
City :	FRESNO
Phone Number :	N/R
Email :	john.whiting@waterboards.ca.gov

Regulatory Activities

Date :	1987-10-29
Global ID :	T0602900002
Action Type :	Other
Action :	Leak Discovery

Date :	1987-06-04
Global ID :	T0602900002
Action Type :	Other
Action :	Leak Reported

Status History Summary

Status Date :	1989-02-24
Global ID :	T0602900002
Status :	Completed - Case Closed

Status Date :	1987-06-11
Global ID :	T0602900002
Status :	Open - Site Assessment

Status Date :	1987-06-04
Global ID :	T0602900002
Status :	Open - Case Begin Date

RCRA_SQG

Facility Name :	SAN PABLO BAY PIPELINE COMPANY LLC - BAKERSFIELD TANK FARM/PUMP STATION
Facility Address :	1801 PETROL ROAD, BAKERSFIELD, CA 93308
County :	KERN

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name :	SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION 1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm BAKERSFIELD | Bakersfield, CA
Database(s) :	[AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

RCRA_SQG *(cont.)*

Date Form Received by Agency :	2024-03-04
EPA ID :	CAD981435506
Mailing Address :	1900 MAIN STREET SUITE 600, IRVINE, CA 92614
Contact :	JESSICA MCDONALD
Contact Address :	1900 MAIN STREET SUITE 600, IRVINE, CA 92614
Contact Country :	US
Contact Telephone :	562-505-8534
Contact Email :	JMCDONALD@CRIMSONPL.COM
EPA Region :	09
Land Type :	Private
Source Type :	Annual/Biennial Report updated with Notification
Classification :	Small Quantity Generator
Description :	Handlers that generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.
Last Date in Agency List :	2024-12-17

Owner/Operator Summary

Owner/Operator Name :	CRIMSON MIDSTREAM OPERATING, LLC
Owner/Operator Address :	1900 MAIN STREET SUITE 600, IRVINE, CA 92614
Owner/Operator Country :	US
Owner/Operator Telephone :	562-285-4100
Owner/Operator Email :	JMCDONALD@CRIMSONPL.COM
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	2020-03-01
Owner/Operator End Date :	N/R

Owner/Operator Name :	SAN PABLO BAY PIPELINE COMPANY LLC
Owner/Operator Address :	1900 MAIN STREET SUITE 600, IRVINE, CA 92614
Owner/Operator Country :	US
Owner/Operator Telephone :	562-285-4100
Owner/Operator Email :	JMCDONALD@CRIMSONPL.COM
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	2020-03-01
Owner/Operator End Date :	N/R

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name :	SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION 1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm BAKERSFIELD | Bakersfield, CA
Database(s) :	[AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

RCRA_SQG *(cont.)*

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N/R
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Historical Generators

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your Envirosite account representative for a complimentary site report containing all of the details available.

Date Form Received by Agency :	2022-05-05
Facility Name :	SAN PABLO BAY PIPELINE COMPANY LLC - BAKERSFIELD TANK FARM/PUMP STATION
Classification :	Small Quantity Generator
Date Form Received by Agency :	2020-04-21
Facility Name :	SAN PABLO BAY PIPELINE COMPANY LLC - BAKERSFIELD TANK FARM/PUMP STATION
Classification :	Small Quantity Generator
Date Form Received by Agency :	2011-04-04
Facility Name :	SHELL PIPELINE COMPANY LP BAKERSFIELD PUMP STATION
Classification :	Small Quantity Generator
Date Form Received by Agency :	2010-07-20
Facility Name :	SHELL PIPELINE COMPANY LP BAKERSFIELD PUMP STATION
Classification :	Small Quantity Generator

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name : SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION
1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm
BAKERSFIELD | Bakersfield, CA

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

RCRA_SQG *(cont.)*

Date Form Received by Agency : 2009-11-17
Facility Name : SHELL PIPELINE COMPANY LP BAKERSFIELD PUMP STATION
Classification : Large Quantity Generator

Date Form Received by Agency : 2008-02-18
Facility Name : SHELL PIPELINE COMPANY LP - BAKERSFIELD PUMP STATION
Classification : Large Quantity Generator

Date Form Received by Agency : 2004-09-06
Facility Name : BAKERSFIELD PUMP STATION
Classification : Small Quantity Generator

Date Form Received by Agency : 2002-06-03
Facility Name : BAKERSFIELD PUMP STATION
Classification : Large Quantity Generator

Date Form Received by Agency : 1999-03-04
Facility Name : SHELL OIL COMPANY
Classification : Large Quantity Generator

Date Form Received by Agency : 1992-02-18
Facility Name : SHELL-PIPELINE-BAKERSFIELD
Classification : Large Quantity Generator

Hazardous Waste Summary
Waste Code / Name : 181 - Other inorganic solid waste
611 - Contaminated soil from site clean-ups
D001 - IGNITABLE WASTE
D018 - BENZENE

Notices of Violations Summary
Date of Violation : 2024-05-15
Date Achieved Compliance : 2024-06-04
Regulation Violated : Y
Area of Violation : State Statute or Regulation
Enforcement Action : N/R
Enforcement Action Date : 2024-06-17
Enf. Disposition Status : N/R

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name :	SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION 1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm BAKERSFIELD | Bakersfield, CA
Database(s) :	[AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

RCRA_SQG *(cont.)*

Enf. Disp. Status Date :	N/R
Violation Lead Agency :	State
Enforcement Lead Agency :	State
Proposed Penalty Amount :	N/R
Final Penalty Amount :	N/R
Paid Penalty Amount :	N/R

Date of Violation :	2024-05-15
Date Achieved Compliance :	2024-06-04
Regulation Violated :	Y
Area of Violation :	State Statute or Regulation
Enforcement Action :	WRITTEN INFORMAL
Enforcement Action Date :	2024-05-29
Enf. Disposition Status :	N/R
Enf. Disp. Status Date :	N/R
Violation Lead Agency :	State
Enforcement Lead Agency :	State
Proposed Penalty Amount :	N/R
Final Penalty Amount :	N/R
Paid Penalty Amount :	N/R

Date of Violation :	2024-05-15
Date Achieved Compliance :	2024-05-16
Regulation Violated :	Y
Area of Violation :	State Statute or Regulation
Enforcement Action :	WRITTEN INFORMAL
Enforcement Action Date :	2024-05-29
Enf. Disposition Status :	N/R
Enf. Disp. Status Date :	N/R
Violation Lead Agency :	State
Enforcement Lead Agency :	State
Proposed Penalty Amount :	N/R
Final Penalty Amount :	N/R
Paid Penalty Amount :	N/R

Date of Violation :	2024-05-15
Date Achieved Compliance :	2024-05-16
Regulation Violated :	Y
Area of Violation :	State Statute or Regulation
Enforcement Action :	N/R
Enforcement Action Date :	2024-06-17
Enf. Disposition Status :	N/R
Enf. Disp. Status Date :	N/R
Violation Lead Agency :	State

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name : SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION
1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm
BAKERSFIELD | Bakersfield, CA

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

RCRA_SQG *(cont.)*

Enforcement Lead Agency :	State
Proposed Penalty Amount :	N/R
Final Penalty Amount :	N/R
Paid Penalty Amount :	N/R

Date of Violation :	2024-05-15
Date Achieved Compliance :	N/R
Regulation Violated :	Y
Area of Violation :	State Statute or Regulation
Enforcement Action :	WRITTEN INFORMAL
Enforcement Action Date :	2024-05-29
Enf. Disposition Status :	N/R
Enf. Disp. Status Date :	N/R
Violation Lead Agency :	State
Enforcement Lead Agency :	State
Proposed Penalty Amount :	N/R
Final Penalty Amount :	N/R
Paid Penalty Amount :	N/R

Date of Violation :	2024-05-15
Date Achieved Compliance :	N/R
Regulation Violated :	Y
Area of Violation :	State Statute or Regulation
Enforcement Action :	N/R
Enforcement Action Date :	2024-06-17
Enf. Disposition Status :	N/R
Enf. Disp. Status Date :	N/R
Violation Lead Agency :	State
Enforcement Lead Agency :	State
Proposed Penalty Amount :	N/R
Final Penalty Amount :	N/R
Paid Penalty Amount :	N/R

Date of Violation :	2016-03-22
Date Achieved Compliance :	2016-07-01
Regulation Violated :	Y
Area of Violation :	Universal Waste - General
Enforcement Action :	WRITTEN INFORMAL
Enforcement Action Date :	2016-03-22
Enf. Disposition Status :	N/R
Enf. Disp. Status Date :	N/R
Violation Lead Agency :	State
Enforcement Lead Agency :	State
Proposed Penalty Amount :	N/R

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name : SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION
1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm
BAKERSFIELD | Bakersfield, CA

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

RCRA_SQG *(cont.)*

Final Penalty Amount :	N/R
Paid Penalty Amount :	N/R

Date of Violation :	2016-03-22
Date Achieved Compliance :	2016-07-01
Regulation Violated :	Y
Area of Violation :	Universal Waste - General
Enforcement Action :	N/R
Enforcement Action Date :	2016-06-20
Enf. Disposition Status :	N/R
Enf. Disp. Status Date :	N/R
Violation Lead Agency :	State
Enforcement Lead Agency :	State
Proposed Penalty Amount :	N/R
Final Penalty Amount :	N/R
Paid Penalty Amount :	N/R

Evaluation Action Summary

Evaluation Date :	2024-05-15
Evaluation :	COMPLIANCE EVALUATION INSPECTION
Area of Violation :	State Statute or Regulation
Date Achieved Compliance :	2024-05-16
Evaluation Lead Agency :	State

Evaluation Date :	2024-05-15
Evaluation :	COMPLIANCE EVALUATION INSPECTION
Area of Violation :	State Statute or Regulation
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Evaluation Date :	2024-05-15
Evaluation :	COMPLIANCE EVALUATION INSPECTION
Area of Violation :	State Statute or Regulation
Date Achieved Compliance :	2024-06-04
Evaluation Lead Agency :	State

Evaluation Date :	2024-05-15
Evaluation :	SIGNIFICANT NON-COMPLIER
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name : SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION
1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm
BAKERSFIELD | Bakersfield, CA

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

RCRA_SQG *(cont.)*

Evaluation Date :	2018-12-05
Evaluation :	COMPLIANCE EVALUATION INSPECTION
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Evaluation Date :	2016-03-22
Evaluation :	COMPLIANCE EVALUATION INSPECTION
Area of Violation :	Universal Waste - General
Date Achieved Compliance :	2016-07-01
Evaluation Lead Agency :	State

Evaluation Date :	2010-10-26
Evaluation :	COMPLIANCE EVALUATION INSPECTION
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Evaluation Date :	2007-10-10
Evaluation :	COMPLIANCE EVALUATION INSPECTION
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Evaluation Date :	2004-12-08
Evaluation :	COMPLIANCE EVALUATION INSPECTION
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

UST_KERN COUNTY - CA

Facility Name :	Shell Pipeline Co LP-Bakersfield Tank Farm
Facility Address :	1801 Petrol Rd, Bakersfield, CA 93308

Site Details

Facility ID :	FA0001141
CERS ID :	10157367
Mailing Address :	N/R
Mailing Address (Care of) :	N/R
Last Date in Agency List :	2016-03-21

Map Id: 25
Direction: NW
Distance: 0.220 mi., 1160 ft.
Elevation: 587 ft.
Relative: Lower

Site Name : SAN PABLO BAY PIPELINE COMPANY LLC-BAKERSFIELD TANK FARM/PUMP STATION | SHELL PIPELINE CO LP-BAKERSFIELD TANK FARM | BAKERSFIELD PUMP STATION
1801 PETROL RD | 1801 Petrol Road, Shell Facility Tank Farm
BAKERSFIELD | Bakersfield, CA

Database(s) : [AST_KERN COUNTY - CA, CALEPA SITES - CA, HAZNET - CA, HIST AST - CA, HIST UST - CA, HWG - CA, LUST REG 5 - CA, LUST_KERN COUNTY - CA, RCRA_SQG, UST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 58200549
EPA ID: N/R

UST_KERN COUNTY - CA *(cont.)*

Tank Details

Tank Number :	N/R
Install Date :	N/R
Date of Closure :	N/R
Billing Status :	Inactive, non-billable
Number of Compartments :	N/R
Capacity :	N/R
Product Type :	N/R
Program/Element :	N/R

Map Id: 26
Direction: NE
Distance: 0.222 mi., 1171 ft.
Elevation: 651 ft.
Relative: Higher

Site Name : AKA TIM SMITH | BOWSER ENTERPRISES INC. | GUADALUPE ORNELAS
1415 JAMES RD
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA]

Envirosite ID: 41041117
EPA ID: N/R

HAZNET - CA

Facility Name :	AKA TIM SMITH
Facility Address :	1415 JAMES RD, BAKERSFIELD, CA 93308
County :	KERN

Site Details

Generator EPA ID :	CAL000288941
Active :	Inactive
Category :	STATE
Facility Types :	N/R
Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	501 EL PRADO DRIVE, BAKERSFIELD, CA 933040000
Latitude :	35.45205986
Longitude :	-119.03668492
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

Map Id: 26
Direction: NE
Distance: 0.222 mi., 1171 ft.
Elevation: 651 ft.
Relative: Higher

Site Name : AKA TIM SMITH | BOWSER ENTERPRISES INC. | GUADALUPE ORNELAS
1415 JAMES RD
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA] *(cont.)*

Envirosite ID: 41041117
EPA ID: N/R

HAZNET - CA *(cont.)*

Facility Name : BOWSER ENTERPRISES INC.
Facility Address : 1415 JAMES RD, BAKERSFIELD, CA 93308
County : KERN

Site Details
Generator EPA ID : CAL000212479
Active : Inactive
Category : STATE
Facility Types : N/R
Type : PERMANENT
Contact Name : N/R
Contact Phone : N/R
Facility Mailing Address : PO BOX 81971, BAKERSFIELD, CA 933800000
Latitude : 35.45205986
Longitude : -119.03668492
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2021-07-08

Facility Name : GUADALUPE ORNELAS
Facility Address : 1415 JAMES RD, BAKERSFIELD, CA 93308
County : KERN

Site Details
Generator EPA ID : CAL000279608
Active : Inactive
Category : STATE
Facility Types : N/R
Type : PERMANENT
Contact Name : N/R
Contact Phone : N/R
Facility Mailing Address : PO BOX 5463, BAKERSFIELD, CA 93388
Latitude : 35.45205986
Longitude : -119.03668492
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 2021-07-08

Facility Name : JEFF MC INTIRE
Facility Address : 1415 JAMES RD, BAKERSFIELD, CA 93308
County : KERN

Site Details
Generator EPA ID : CAL000280431
Active : Inactive
Category : STATE
Facility Types : N/R
Type : PERMANENT
Contact Name : N/R
Contact Phone : N/R

Map Id: 26
Direction: NE
Distance: 0.222 mi., 1171 ft.
Elevation: 651 ft.
Relative: Higher

Site Name : AKA TIM SMITH | BOWSER ENTERPRISES INC. | GUADALUPE ORNELAS
1415 JAMES RD
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA) *(cont.)*

Envirosite ID: 41041117
EPA ID: N/R

HAZNET - CA *(cont.)*

Facility Mailing Address :	211 MISTY MEADOW DR, BAKERSFIELD, CA 933087860
Latitude :	35.45205986
Longitude :	-119.03668492
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08
Facility Name :	ODELL FAIR TRUCKING
Facility Address :	1415 JAMES RD, BAKERSFIELD, CA 93308
County :	KERN

Site Details

Generator EPA ID :	CAL000299752
Active :	Inactive
Category :	STATE
Facility Types :	N/R
Type :	PERMANENT
Contact Name :	N/R
Contact Phone :	N/R
Facility Mailing Address :	2601 FREMONT ST STE 7, BAKERSFIELD, CA 93304
Latitude :	35.45205986
Longitude :	-119.03668492
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2021-07-08

HWG - CA

Facility Name :	AKA TIM SMITH
Facility Address :	1415 JAMES RD, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAL000288941
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	501 EL PRADO DRIVE, BAKERSFIELD, CA 933040000
Owner Name :	TIMOTHY EDWARD SMITH
Owner Address :	6103 ROYAL COACH CIR, BAKERSFIELD, CA 93306
Operator Name :	TIM E SMITH
Operator Address :	501 EL PRADO DRIVE, BAKERSFIELD, CA 933043922
Latitude :	35.452618
Longitude :	-119.037553
Facility Name :	BOWSER ENTERPRISES INC.
Facility Address :	1415 JAMES RD, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAL000212479
Status :	Inactive
Category :	STATE

Map Id: 26
Direction: NE
Distance: 0.222 mi., 1171 ft.
Elevation: 651 ft.
Relative: Higher

Site Name : AKA TIM SMITH | BOWSER ENTERPRISES INC. | GUADALUPE ORNELAS
1415 JAMES RD
BAKERSFIELD, CA 93308

Database(s) : [HAZNET - CA, HWG - CA] *(cont.)*

Envirosite ID: 41041117
EPA ID: N/R

HWG - CA *(cont.)*

Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	PO BOX 81971, BAKERSFIELD, CA 933800000
Owner Name :	BOWSER ENTERPRISES INC
Owner Address :	PO BOX 81971, BAKERSFIELD, CA 933800000
Operator Name :	KENT BOWSER
Operator Address :	PO BOX 81971, BAKERSFIELD, CA 933800000
Latitude :	35.452157
Longitude :	-119.03679
Facility Name :	GUADALUPE ORNELAS
Facility Address :	1415 JAMES RD, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAL000279608
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	PO BOX 5463, BAKERSFIELD, CA 93388
Owner Name :	GUADALUPE ORNELAS
Owner Address :	PO BOX 5463, BAKERSFIELD, CA 933880000
Operator Name :	GUADALUPE ORNELAS
Operator Address :	PO BOX 5463, BAKERSFIELD, CA 93388
Latitude :	35.452538
Longitude :	-119.037626
Facility Name :	JEFF MC INTIRE
Facility Address :	1415 JAMES RD, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAL000280431
Status :	Inactive
Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	211 MISTY MEADOW DR, BAKERSFIELD, CA 933087860
Owner Name :	JEFF MC INTIRE
Owner Address :	211 MISTY MEADOW DR, BAKERSFIELD, CA 933087860
Operator Name :	JEFF MCINTIRE
Operator Address :	211 MISTY MEADOW DR, BAKERSFIELD, CA 933087860
Latitude :	35.452538
Longitude :	-119.037626
Facility Name :	ODELL FAIR TRUCKING
Facility Address :	1415 JAMES RD, BAKERSFIELD, CA 93308
County :	KERN
EPA ID :	CAL000299752
Status :	Inactive

Map Id: 26
Direction: NE
Distance: 0.222 mi., 1171 ft.
Elevation: 651 ft.
Relative: Higher

Site Name : AKA TIM SMITH | BOWSER ENTERPRISES INC. | GUADALUPE ORNELAS
1415 JAMES RD
BAKERSFIELD, CA 93308
Database(s) : [HAZNET - CA, HWG - CA] *(cont.)*

Envirosite ID: 41041117
EPA ID: N/R

HWG - CA *(cont.)*

Category :	STATE
Type :	PERMANENT
Facility Type :	N/R
Mailing Address :	2601 FREMONT ST STE 7, BAKERSFIELD, CA 93304
Owner Name :	ODELL FAIR
Owner Address :	2601 FREMONT ST STE 7, BAKERSFIELD, CA 93304
Operator Name :	ODELL FAIR
Operator Address :	2601 FREMONT ST STE 7, BAKERSFIELD, CA 93304
Latitude :	35.452618
Longitude :	-119.037553

Map Id: D27
Direction: NNE
Distance: 0.248 mi., 1311 ft.
Elevation: 651 ft.
Relative: Higher

Site Name : AT&T CORP. - SA2FH
5053 AIRPORT DR
BAKERSFIELD, CA 93308
Database(s) : [CALEPA SITES - CA]

Envirosite ID: 31080191
EPA ID: N/R

CALEPA SITES - CA

Facility Name :	AT&T CORP. - SA2FH
Facility Address :	5053 AIRPORT DR, BAKERSFIELD, 93308
Site ID :	554107
EI ID :	10819918
EI Description :	Chemical Storage Facilities
Latitude :	35.452050
Longitude :	-119.038290
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2023-07-21

Map Id: 28
Direction: E
Distance: 0.383 mi., 2021 ft.
Elevation: 624 ft.
Relative: Higher

Site Name : HIGHLAND KNOLLS SCHOOL SITE | HIGHLAND KNOLLS SCHO
HAVEN/RIO DEL NORTE
BAKERSFIELD | Bakersfield, CA 93308
Database(s) : [ENVIROSTOR - CA, NFA - CA]

Envirosite ID: 995901
EPA ID: N/R

ENVIROSTOR - CA

Facility Name :	HIGHLAND KNOLLS SCHOOL SITE
Facility Address :	Haven/Rio Del Norte, Bakersfield, CA 93308
County :	KERN

Map Id: 28
Direction: E
Distance: 0.383 mi., 2021 ft.
Elevation: 624 ft.
Relative: Higher

Site Name : HIGHLAND KNOLLS SCHOOL SITE | HIGHLAND KNOLLS SCHO
HAVEN/RIO DEL NORTE
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [ENVIROSTOR - CA, NFA - CA) *(cont.)*

Envirosite ID: 995901
EPA ID: N/R

ENVIROSTOR - CA *(cont.)*

Site Details

Cleanup Date :	2007-06-19
Cleanup Status :	No Further Action
Site Type :	School Investigation
Site Type Detailed :	School
Acreage :	11.43
APN :	483-040-14, 48304014
National Priorities List :	NO
Regulatory Agencies Involved :	DTSC - Site Cleanup Program
Lead Agency :	DTSC - Site Cleanup Program
Project Manager :	N/R
Supervisor :	Javier Hinojosa
Office :	Santa Susana Field Laboratory Branch
Envirostor ID :	15650003
Site Code :	104491
Assembly :	32
Senate :	12
Congressional District :	20
Special Program :	N/R
Past Uses :	* UNKNOWN
Potential COC :	Hydrogen sulfide; Methane
Confirmed COC :	Methane-NO; Hydrogen sulfide-NO
Potential Media Affected :	Soil
Restricted Use :	NO
Site Management Req :	N/R
Funding :	School District
Latitude :	35.444102
Longitude :	-119.032096
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2025-01-28

Alias :
APN - 483-040-14
APN - 48304014
Alternate Name - STANDARD SD-HIGHLAND KNOLLS SCHOOL SITE
Envirostor ID Number - 15650003
Project Code (Site Code) - 104491

Completed Activities

Completed Date :	2007-06-19
Area Name :	PROJECT WIDE
Sub Area Name :	N/R
Document Type :	Cost Recovery Closeout Memo
Comments :	CRU memo generated 6/19/2007

Completed Date :	2007-05-09
Area Name :	PROJECT WIDE
Sub Area Name :	N/R
Document Type :	Supplemental Site Investigation Report
Comments :	DTSC reviewed the SSI and determined no further action is necessary. DTSC hereby approves the SSI as final.

Map Id: 28
Direction: E
Distance: 0.383 mi., 2021 ft.
Elevation: 624 ft.
Relative: Higher

Site Name : HIGHLAND KNOLLS SCHOOL SITE | HIGHLAND KNOLLS SCHO
HAVEN/RIO DEL NORTE
BAKERSFIELD | Bakersfield, CA 93308

Database(s) : [ENVIROSTOR - CA, NFA - CA] *(cont.)*

Envirosite ID: 995901
EPA ID: N/R

ENVIROSTOR - CA *(cont.)*

Completed Date :	2006-09-12
Area Name :	PROJECT WIDE
Sub Area Name :	N/R
Document Type :	Preliminary Endangerment Assessment Report
Comments :	Further action determination issued; OCP step-outs pending

Completed Date :	2006-04-20
Area Name :	PROJECT WIDE
Sub Area Name :	N/R
Document Type :	Preliminary Endangerment Assessment Workplan
Comments :	N/R

Completed Date :	2005-08-08
Area Name :	PROJECT WIDE
Sub Area Name :	N/R
Document Type :	Environmental Oversight Agreement
Comments :	Environmental Oversight Agreement

Completed Date :	2005-07-08
Area Name :	PROJECT WIDE
Sub Area Name :	N/R
Document Type :	Phase 1
Comments :	N/R

Completed Date :	2005-06-27
Area Name :	PROJECT WIDE
Sub Area Name :	N/R
Document Type :	Site Inspections/Visit (Non LUR)
Comments :	N/R

NFA - CA

Facility Name :	HIGHLAND KNOLLS SCHOOL SITE
Facility Address :	Haven/Rio Del Norte, Bakersfield, CA 93308
County :	KERN

Cleanup Date :	2007-06-19
Cleanup Status :	No Further Action
Site Type :	School Investigation
Site Type Detailed :	School
Acreage :	11.43
APN :	483-040-14, 48304014
National Priorities List :	NO
Regulatory Agencies Involved :	DTSC - Site Cleanup Program
Lead Agency :	DTSC - Site Cleanup Program
Project Manager :	N/R
Supervisor :	Javier Hinojosa
Office :	Santa Susana Field Laboratory Branch
Envirostor ID :	15650003
Site Code :	104491
Assembly :	32

Map Id: 28
Direction: E
Distance: 0.383 mi., 2021 ft.
Elevation: 624 ft.
Relative: Higher

Site Name : HIGHLAND KNOLLS SCHOOL SITE | HIGHLAND KNOLLS SCHO
HAVEN/RIO DEL NORTE
BAKERSFIELD | Bakersfield, CA 93308
Database(s) : [ENVIROSTOR - CA, NFA - CA] *(cont.)*

Envirosite ID: 995901
EPA ID: N/R

NFA - CA *(cont.)*

Senate :	12
Congressional District :	20
Special Program :	N/R
Past Uses :	* UNKNOWN
Potential COC :	Methane; Hydrogen sulfide
Confirmed COC :	Methane-NO; Hydrogen sulfide-NO
Potential Media Affected :	Soil
Restricted Use :	NO
Site Management Req :	N/R
Funding :	School District
Latitude :	35.44410244
Longitude :	-119.03209623
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2025-01-28

Map Id: F29
Direction: WSW
Distance: 0.449 mi., 2369 ft.
Elevation: 511 ft.
Relative: Lower

Site Name : MEADOWS FIELD AIRPORT | DAL GLOBAL SERVICES LLC BFL | ENTERPRISE RENT A CAR
3701 WINGS WAY | 3701 WINGS WAY SUITE 300 | 3701 WINGS WAY STE 233
BAKERSFIELD | Bakersfield, CA
Database(s) : [PFAS - CA, SLIC REG 5 - CA]

Envirosite ID: 451601
EPA ID: N/R

PFAS - CA

Facility Name :	Meadows Field Airport
Facility Address :	3701 Wings Way, Bakersfield
Global ID :	T10000012776
Site Type :	Airport
Latitude :	35.4348
Longitude :	-119.0582
Last Date in Agency List :	2024-08-26

SLIC REG 5 - CA

Facility Name :	MEADOWS FIELD
Facility Address :	3701 Wings Way, Bakersfield, CA 93308
County :	Kern

Site Details

Status Date :	2021-04-23
Status :	Open - Site Assessment
Begin Date :	2019-03-11
Global ID :	T10000012776
Region :	REGION 5F

Map Id: F29
Direction: WSW
Distance: 0.449 mi., 2369 ft.
Elevation: 511 ft.
Relative: Lower

Site Name : MEADOWS FIELD AIRPORT | DAL GLOBAL SERVICES LLC BFL | ENTERPRISE RENT A CAR
3701 WINGS WAY | 3701 WINGS WAY SUITE 300 | 3701 WINGS WAY STE 233
BAKERSFIELD | Bakersfield, CA

Database(s) : [PFAS - CA, SLIC REG 5 - CA] *(cont.)*

Envirosite ID: 451601
EPA ID: N/R

SLIC REG 5 - CA *(cont.)*

Site History :	N/R
RB Case Number :	N/R
Potential Media Affected :	N/R
Potential Contaminants of Concern :	Per- and Polyfluoroalkyl Substances (PFAS)
Local Agency :	N/R
Local Case Number :	N/R
Lead Agency :	CENTRAL VALLEY RWQCB (REGION 5F)
File Location :	N/R
CUF Case :	NO
Caseworker :	KTW
Case Type :	Cleanup Program Site
How Discovered :	N/R
How Discovered Description :	N/R
Stop Method :	N/R
Stop Description :	N/R
Calwater Watershed Name :	South Valley Floor - Kern Delta (557.10)
DWR Groundwater Subbasin Name :	San Joaquin Valley - Kern County (5-022.14)
Disadvantaged Community :	N/R
Latitude :	35.43782
Longitude :	-119.05462
Agency URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-10-07

Contacts Summary

Global ID :	T10000012776
Contact Name :	KYLE T. WRIGHT
Contact Type :	Regional Board Caseworker - Primary Caseworker
Organization Name :	CENTRAL VALLEY RWQCB (REGION 5F)
Address :	1685 E. Street
City :	FRESNO
Phone Number :	5594455579
Email :	kyle.wright2@waterboards.ca.gov

Regulatory Activities

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your Envirosite account representative for a complimentary site report containing all of the details available.

Date :	2021-04-23
Global ID :	T10000012776
Action Type :	RESPONSE
Action :	Preliminary Site Assessment Report

Date :	2020-12-15
Global ID :	T10000012776
Action Type :	RESPONSE
Action :	Soil and Water Investigation Report

Map Id: F29
Direction: WSW
Distance: 0.449 mi., 2369 ft.
Elevation: 511 ft.
Relative: Lower

Site Name : MEADOWS FIELD AIRPORT | DAL GLOBAL SERVICES LLC BFL | ENTERPRISE RENT A CAR
3701 WINGS WAY | 3701 WINGS WAY SUITE 300 | 3701 WINGS WAY STE 233
BAKERSFIELD | Bakersfield, CA
Database(s) : [PFAS - CA, SLIC REG 5 - CA] *(cont.)*

Envirosite ID: 451601
EPA ID: N/R

SLIC REG 5 - CA *(cont.)*

Date : 2020-06-15
Global ID : T10000012776
Action Type : ENFORCEMENT
Action : Staff Letter

Date : 2020-05-26
Global ID : T10000012776
Action Type : RESPONSE
Action : Preliminary Site Assessment Workplan - Addendum

Date : 2020-03-12
Global ID : T10000012776
Action Type : RESPONSE
Action : Preliminary Site Assessment Workplan - Addendum

Status History

Status Date : 2021-04-23
Global ID : T10000012776
Status : Open - Site Assessment

Status Date : 2019-03-11
Global ID : T10000012776
Status : Open - Case Begin Date

Status Date : 2019-03-11
Global ID : T10000012776
Status : Pending Review

Map Id: F30
Direction: WSW
Distance: 0.461 mi., 2433 ft.
Elevation: 508 ft.
Relative: Lower

Site Name : CHEVRON MOTOR TRANSPORT
BAKERSFIELD TERMINAL
BAKERSFIELD, CA 93308
Database(s) : [LUST REG 5 - CA, LUST_KERN COUNTY - CA]

Envirosite ID: 6963847
EPA ID: N/R

LUST REG 5 - CA

Facility Name : CHEVRON MOTOR TRANSPORT
Facility Address : BAKERSFIELD TERMINAL, BAKERSFIELD, CA 93308
County : Kern

Map Id: F30
Direction: WSW
Distance: 0.461 mi., 2433 ft.
Elevation: 508 ft.
Relative: Lower

Site Name : CHEVRON MOTOR TRANSPORT
BAKERSFIELD TERMINAL
BAKERSFIELD, CA 93308

Database(s) : [LUST REG 5 - CA, LUST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 6963847
EPA ID: N/R

LUST REG 5 - CA *(cont.)*

Site Details

Status Date :	1993-05-10
Status :	Completed - Case Closed
Begin Date :	1985-11-09
Global ID :	T0602900357
Region :	REGION 5
Site History :	N/R
RB Case Number :	5T15000364
Potential Media Affected :	Soil
Potential Contaminants of Concern :	Gasoline
Local Agency :	KERN COUNTY
Local Case Number :	510049
Lead Agency :	KERN COUNTY
File Location :	N/R
CUF Case :	NO
Caseworker :	KER
Case Type :	LUST Cleanup Site
How Discovered :	N/R
How Discovered Description :	N/R
Stop Method :	N/R
Stop Description :	N/R
Calwater Watershed Name :	South Valley Floor - Kern Delta (557.10)
DWR Groundwater Subbasin Name :	San Joaquin Valley - Kern County (5-022.14)
Disadvantaged Community :	N/R
Latitude :	35.437834
Longitude :	-119.054505
Agency URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-10-07

Contacts Summary

Global ID :	T0602900357
Contact Name :	X -KERN COUNTY'S QUARTERLY R
Contact Type :	Local Agency Caseworker - Primary Caseworker
Organization Name :	KERN COUNTY
Address :	N/R
City :	R5 UNKNOWN
Phone Number :	N/R
Email :	N/R

Global ID :	T0602900357
Contact Name :	JOHN WHITING
Contact Type :	Regional Board Caseworker
Organization Name :	CENTRAL VALLEY RWQCB (REGION 5F)
Address :	1685 E STREET
City :	FRESNO
Phone Number :	N/R
Email :	john.whiting@waterboards.ca.gov

Regulatory Activities

Date :	1985-11-09
Global ID :	T0602900357

Map Id: F30
Direction: WSW
Distance: 0.461 mi., 2433 ft.
Elevation: 508 ft.
Relative: Lower

Site Name : CHEVRON MOTOR TRANSPORT
BAKERSFIELD TERMINAL
BAKERSFIELD, CA 93308

Database(s) : [LUST REG 5 - CA, LUST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 6963847
EPA ID: N/R

LUST REG 5 - CA *(cont.)*

Action Type : Other
Action : Leak Reported

Date : 1985-11-09
Global ID : T0602900357
Action Type : Other
Action : Leak Discovery

Status History

Status Date : 1993-05-10
Global ID : T0602900357
Status : Completed - Case Closed

Status Date : 1991-06-25
Global ID : T0602900357
Status : Open - Site Assessment

Status Date : 1985-11-19
Global ID : T0602900357
Status : Open - Site Assessment

Status Date : 1985-11-09
Global ID : T0602900357
Status : Open - Site Assessment

Status Date : 1985-11-09
Global ID : T0602900357
Status : Open - Case Begin Date

LUST_KERN COUNTY - CA

Facility Name : CHEVRON MOTOR TRANSPORT
Facility Address : BAKERSFIELD TERMINAL, BAKERSFIELD, 93308
County : KERN

Site Details

Status Date : 1993-05-10
Status : COMPLETED - CASE CLOSED
Begin Date : 1985-11-09
Global ID : T0602900357
Facility Type : LUST CLEANUP SITE
RB Case Number : 5T15000364
Potential Media Affected : Soil
Potential Contaminants of Concern : Gasoline
Local Agency : KERN COUNTY
Loc Case Number : 510049
Lead Agency : KERN COUNTY

Map Id: F30
Direction: WSW
Distance: 0.461 mi., 2433 ft.
Elevation: 508 ft.
Relative: Lower

Site Name : CHEVRON MOTOR TRANSPORT
BAKERSFIELD TERMINAL
BAKERSFIELD, CA 93308

Database(s) : [LUST REG 5 - CA, LUST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 6963847
EPA ID: N/R

LUST_KERN COUNTY - CA *(cont.)*

File Location :	N/R
CUF Case :	NO
Caseworker :	KER
How Discovered :	N/R
How Discovered Description :	N/R
Stop Method :	N/R
Stop Description :	N/R
Calwater Watershed Name :	South Valley Floor - Kern Delta (557.10)
DWR Groundwater Subbasin Name :	San Joaquin Valley - Kern County (5-022.14)
Disadvantaged Community :	N/R
Latitude :	35.437834
Longitude :	-119.054505
Site History :	N/R
Agency URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2024-09-24

Contacts Summary

Global ID :	T0602900357
Contact Name :	X -KERN COUNTY'S QUARTERLY R
Contact Type :	Local Agency Caseworker - Primary Caseworker
Organization Name :	KERN COUNTY
Address :	N/R
City :	R5 UNKNOWN
Phone Number :	N/R
Email :	N/R

Global ID :	T0602900357
Contact Name :	JOHN WHITING
Contact Type :	Regional Board Caseworker
Organization Name :	CENTRAL VALLEY RWQCB (REGION 5F)
Address :	1685 E STREET
City :	FRESNO
Phone Number :	N/R
Email :	john.whiting@waterboards.ca.gov

Regulatory Activities

Date :	1985-11-09
Global ID :	T0602900357
Action Type :	Other
Action :	Leak Reported

Date :	1985-11-09
Global ID :	T0602900357
Action Type :	Other
Action :	Leak Discovery

Map Id: F30
Direction: WSW
Distance: 0.461 mi., 2433 ft.
Elevation: 508 ft.
Relative: Lower

Site Name : CHEVRON MOTOR TRANSPORT
BAKERSFIELD TERMINAL
BAKERSFIELD, CA 93308

Database(s) : [LUST REG 5 - CA, LUST_KERN COUNTY - CA] *(cont.)*

Envirosite ID: 6963847
EPA ID: N/R

LUST_KERN COUNTY - CA *(cont.)*

Status History Summary

Status Date :	1993-05-10
Global ID :	T0602900357
Status :	Completed - Case Closed
Status Date :	1991-06-25
Global ID :	T0602900357
Status :	Open - Site Assessment
Status Date :	1985-11-19
Global ID :	T0602900357
Status :	Open - Site Assessment
Status Date :	1985-11-09
Global ID :	T0602900357
Status :	Open - Site Assessment
Status Date :	1985-11-09
Global ID :	T0602900357
Status :	Open - Case Begin Date

Map Id: 31
Direction: S
Distance: 0.938 mi., 4955 ft.
Elevation: 492 ft.
Relative: Lower

Site Name : Bakersfield Municipal Airport - (J09CA0230) | BAKERSFIELD MUNICIPAL AIRPORT
35.427778, -119.044444
Bakersfield | 4 miles NW of Bakersfield, CA

Database(s) : [ENVIROSTOR - CA, FUDS]

Envirosite ID: 7421920
EPA ID: N/R

ENVIROSTOR - CA

Facility Name :	Bakersfield Municipal Airport - (J09CA0230)
Facility Address :	Bakersfield, CA
County :	KERN

Site Details

Cleanup Date :	2014-10-23
Cleanup Status :	Inactive - Needs Evaluation
Site Type :	Military Evaluation
Site Type Detailed :	FUDS
Acreage :	353.89
APN :	NONE SPECIFIED

Map Id: 31
Direction: S
Distance: 0.938 mi., 4955 ft.
Elevation: 492 ft.
Relative: Lower

Site Name : Bakersfield Municipal Airport - (J09CA0230) | BAKERSFIELD MUNICIPAL AIRPORT
35.427778, -119.044444
Bakersfield | 4 miles NW of Bakersfield, CA

Database(s) : [ENVIROSTOR - CA, FUDS] *(cont.)*

Envirosite ID: 7421920
EPA ID: N/R

ENVIROSTOR - CA *(cont.)*

National Priorities List :	NO
Regulatory Agencies Involved :	DTSC - Site Cleanup Program
Lead Agency :	DTSC - Site Cleanup Program
Project Manager :	N/R
Supervisor :	Ajit Vaidya
Office :	Cleanup Sacramento
Envirostor ID :	80000136
Site Code :	N/R
Assembly :	32
Senate :	12
Congressional District :	20
Special Program :	EPA - PASI
Past Uses :	FIRING RANGE - SMALL ARMS ETC...
Potential COC :	Explosives (UXO, MEC); Under Investigation
Confirmed COC :	Under Investigation; Explosives (UXO, MEC)-NO
Potential Media Affected :	Soil
Restricted Use :	NO
Site Management Req :	N/R
Funding :	MMRP
Latitude :	35.427778
Longitude :	-119.044444
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	2025-01-28

Alias :
Alternate Name - Meadows Field Airport
Envirostor ID Number - 80000136
Federal Facility ID - CA99799F535800
INPR - J09CA0230

Completed Activities

Completed Date :	2013-08-20
Area Name :	PROJECT WIDE
Sub Area Name :	N/R
Document Type :	PA/SI Site Screening
Comments :	N/R

Completed Date :	2012-04-04
Area Name :	PROJECT WIDE
Sub Area Name :	N/R
Document Type :	Preliminary Assessment/Site Inspection Report (PA/SI)
Comments :	N/R

Completed Date :	2005-05-27
Area Name :	PROJECT WIDE
Sub Area Name :	N/R
Document Type :	Correspondence
Comments :	E-mail correspondence with Kern County re ordnance.

Map Id: 31
Direction: S
Distance: 0.938 mi., 4955 ft.
Elevation: 492 ft.
Relative: Lower

Site Name : Bakersfield Municipal Airport - (J09CA0230) | BAKERSFIELD MUNICIPAL AIRPORT
35.427778, -119.044444
Bakersfield | 4 miles NW of Bakersfield, CA

Database(s) : [ENVIROSTOR - CA, FUDS] *(cont.)*

Envirosite ID: 7421920
EPA ID: N/R

FUDS

Facility Name :	BAKERSFIELD MUNICIPAL AIRPORT
Facility Address :	4 miles NW of Bakersfield, CA
County :	KERN
FUDS Property ID :	J09CA0230
FUDS Installation ID :	CA99799F535800
Status :	Properties with projects
NPL Status :	Not on the NPL
Current Owner :	N/R
Eligibility :	Eligible
FUDS Property have project :	yes
EPA Region :	09
Congressional District :	23
District :	spl
EMS Map Link :	Click here for hyperlink provided by the agency.
Latitude :	35.427778
Longitude :	-119.044444
Fiscal Year :	2022
Last Date in Agency List :	2024-11-20

No unmappable sites reported.

FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST

ARCHIVED RCRA TSDF: Resource Conservation and Recovery Act hazardous waste transportation storage disposal and treatment facilities

Agency Version Date: 11/08/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 05/01/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 02/04/2025

RCRA_TSDF: Resource Conservation and Recovery Act hazardous waste transportation storage disposal and treatment facilities

Agency Version Date: 11/08/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 05/01/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 02/04/2025

FEDERAL, STATE, AND TRIBAL REGISTERED STORAGE TANK LISTS

FEMA UST: FEMA underground storage tank listing

Agency Version Date: 06/07/2023
Agency Update Frequency: Varies
Planned Next Contact: 05/01/2025
Agency: FEMA
Agency Contact: 202-212-5283
Most Recent Contact: 02/04/2025

AST_KERN COUNTY - CA: Kern County aboveground storage tank sites

Agency Version Date: 10/29/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 04/21/2025
Agency: Kern County Environment Health Division
Agency Contact: 661-862-8774
Most Recent Contact: 01/23/2025

FID UST - CA: The State Water Resource Control Board's Facility Inventory Database underground storage tank locations listing

Agency Version Date: 10/15/2024
Agency Update Frequency: Varies
Planned Next Contact: 04/07/2025
Agency: California Environmental Protection Agency
Agency Contact: 916-341-5791
Most Recent Contact: 01/09/2025

HIST AST - CA: Historical listing of tank facilities that are subject to the California Aboveground Petroleum Storage Act

Agency Version Date: 07/19/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 05/07/2025
Agency: California Environmental Protection Agency Unified Program Section
Agency Contact: 916-327-5092
Most Recent Contact: 02/10/2025

HIST UST - CA: Historical UST listing

Agency Version Date: 08/06/2024
Agency Update Frequency: Varies
Planned Next Contact: 04/23/2025
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 01/27/2025

HIST UST_KERN COUNTY - CA: List of Kern County underground storage tank records that is no longer in current agency list.

Agency Version Date: 11/28/2018
Agency Update Frequency: Annually
Planned Next Contact: 04/07/2025
Agency: Kern County Environment Health Division
Agency Contact: 661-862-8774
Most Recent Contact: 01/09/2025

UST - CA: Listing of active underground storage tank facilities

Agency Version Date: 10/15/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 04/07/2025
Agency: CA Gov geotracker state water resources control board
Agency Contact: N/R
Most Recent Contact: 01/09/2025

FEDERAL, STATE, AND TRIBAL REGISTERED STORAGE TANK LISTS (cont.)

UST_KERN COUNTY - CA: Kern County underground storage tank sites

Agency Version Date: 10/29/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 04/21/2025
Agency: Kern County Environment Health Division
Agency Contact: 661-862-8774
Most Recent Contact: 01/23/2025

FEDERAL CERCLIS LIST

CERCLIS NFRAP: The CERCLIS sites with No Further Remedial Action Planned from the CERCLIS program database. The Environmental Protection Agency decommissioned the CERCLIS data in 2014. The last update was November 12, 2013.

Agency Version Date: 09/13/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/06/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 12/10/2024

CERCLIS-HIST: The CERCLIS program database contains information on the assessment and remediation of federal hazardous waste sites. The Environmental Protection Agency decommissioned the CERCLIS data in 2014. The last update was November 12, 2013.

Agency Version Date: 09/13/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/06/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 12/10/2024

FEDERAL FACILITY: Sites where Federal Facilities Restoration and Reuse Office (FFRRO) arranged cleanup for Base Closure and Property Transfer at Federal Facilities

Agency Version Date: 09/13/2024
Agency Update Frequency: Varies
Planned Next Contact: 03/06/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8712
Most Recent Contact: 12/10/2024

FEDERAL RCRA CORRACTS FACILITIES LIST

CORRACTS: List of facilities where Resource Conservation and Recovery Act Corrective Action Program used to investigate and remediate hazardous releases

Agency Version Date: 11/08/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 05/01/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-1667
Most Recent Contact: 02/04/2025

HIST CORRACTS 2: List of facilities where Resource Conservation and Recovery Act Corrective Action Program used to investigate and remediate hazardous releases that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 03/28/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-1667
Most Recent Contact: 01/01/2025

FEDERAL DELISTED NPL SITE LIST

DELISTED NPL: National Priority List of sites that were delisted and no longer require action

Agency Version Date: 09/13/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/06/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 12/10/2024

FEDERAL ERNS LIST

ERNS: Emergency Response Notification System records of reported spills

Agency Version Date: 09/09/2024
Agency Update Frequency: Annually
Planned Next Contact: 02/28/2025
Agency: National Response Center United States Coast Guard
Agency Contact: N/R
Most Recent Contact: 12/04/2024

FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

FED E C: Federal listing of remediation sites with engineering controls

Agency Version Date: 01/01/2025
Agency Update Frequency: Varies
Planned Next Contact: 03/28/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 01/01/2025

FED I C: Federal listing of remediation sites with institutional controls

Agency Version Date: 01/01/2025
Agency Update Frequency: Varies
Planned Next Contact: 03/28/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 01/01/2025

RCRA IC_EC: Sites with institutional or engineering controls related to Resource Conservation and Recovery Act

Agency Version Date: 09/19/2024
Agency Update Frequency: Varies
Planned Next Contact: 03/13/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/16/2024

FEDERAL RCRA GENERATORS LIST

HIST RCRA_CESQG: List of Resource Conservation and Recovery Act licensed conditionally exempt small quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 03/28/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 01/01/2025

HIST RCRA_LQG: List of Resource Conservation and Recovery Act licensed large quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 03/28/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 01/02/2025

HIST RCRA_NONGEN: List of Resource Conservation and Recovery Act licensed non-generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 03/28/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 01/01/2025

HIST RCRA_SQG: List of Resource Conservation and Recovery Act licensed small quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 03/28/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 01/01/2025

FEDERAL RCRA GENERATORS LIST (cont.)

RCRA_LQG: Resource Conservation and Recovery Act listing of licensed large quantity generators

Agency Version Date: 11/08/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 05/01/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 02/04/2025

RCRA_NONGEN: Resource Conservation and Recovery Act listing of licensed non-generators

Agency Version Date: 11/08/2024
Agency Update Frequency: Varies
Planned Next Contact: 05/01/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 02/04/2025

RCRA_SQG: Resource Conservation and Recovery Act listing of licensed small quantity generators

Agency Version Date: 11/08/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 05/01/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 02/04/2025

RCRA_VSQG: Resource Conservation and Recovery Act listing of licensed very small quantity generators.

Agency Version Date: 11/08/2024
Agency Update Frequency: Varies
Planned Next Contact: 05/01/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 02/04/2025

FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land in EPA Region 9

Agency Version Date: 08/30/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 02/20/2025
Agency: U.S. Environmental Protection Agency Region 9
Agency Contact: 855-246-3642
Most Recent Contact: 11/26/2024

LUST REG 3 - CA: Leaking underground storage tanks in Region 3: Santa Clara (south of Morgan Hill) San Mateo (southern part) Santa Cruz SanBenito Monterey Kern (some parts) San Luis Obispo Santa Barbara Ventura(northern part) counties

Agency Version Date: 09/10/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/03/2025
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 12/05/2024

LUST REG 4 - CA: Leaking underground storage tanks in Region 4: Los Angeles Ventura counties (Small parts of Kern and Santa Barbara counties).

Agency Version Date: 09/10/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/03/2025
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 12/05/2024

LUST REG 5 - CA: Leaking underground storage tanks in Region 5: Modoc Shasta Lassen Plumas Butte Glen Colusa Lake Sutter Yuba Sierra Nevada Placer Yolo Napa (Northeast) Solano (West) Sacramento El Dorado Amador Calaveras San Joaquin Contra Costa (East) Stanislaus Toulumne Merced Mariposa Madera Kings Fresno Tulare Kern (Very small portions of San Benito and SanLuis Obispo) counties

Agency Version Date: 09/10/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/03/2025
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 12/05/2024

FEDERAL, STATE, AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)

LUST REG 6 - CA: Leaking underground storage tanks in Region 6: Modoc (East) Lassen (East side and Eagle Lake) Sierra Nevada Placer El Dorado Alpine Mono Inyo Kern (East) San Bernardino Los Angeles (Northeast corner) counties

Agency Version Date: 09/10/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/03/2025
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 12/05/2024

LUST_KERN COUNTY - CA: Kern County leaking underground tank sites

Agency Version Date: 09/10/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/03/2025
Agency: CA Gov geotracker state water resources control bo
Agency Contact: 916-341-5791
Most Recent Contact: 12/05/2024

SLIC REG 3 - CA: List of Region 3 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database.

Agency Version Date: 09/10/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/03/2025
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 12/05/2024

SLIC REG 4 - CA: List of Region 4 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database.

Agency Version Date: 09/10/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/03/2025
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 12/05/2024

SLIC REG 5 - CA: List of Region 5 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database.

Agency Version Date: 09/10/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/03/2025
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 12/05/2024

SLIC REG 6 - CA: List of Region 6 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database that is no longer in current agency list.

Agency Version Date: 09/10/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/03/2025
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 12/05/2024

FEDERAL NPL SITE LIST

NPL: List of priority contaminated sites among identified releases or threatened releases of hazardous substances pollutants or contaminants nationally

Agency Version Date: 09/13/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/06/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 12/10/2024

NPL EPA R9 GIS: Geospatial data for the Environmental Protection Agency Region 9 National Priority List subject to environmental regulation

Agency Version Date: 09/13/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/06/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 12/10/2024

SEMS_FINAL NPL: All Included National Priority List Sites

Agency Version Date: 09/13/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/06/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 12/10/2024

FEDERAL NPL SITE LIST (cont.)

SEMS_PROPOSED NPL: All Proposed National Priority List Sites

Agency Version Date: 09/13/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/06/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 12/10/2024

STATE- AND TRIBAL - EQUIVALENT CERCLIS

ENVIROSTOR - CA: Department of Toxic Substances Controls

Agency Version Date: 11/04/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 04/25/2025
Agency: Department of Toxic Substances Control
Agency Contact: 916-327-1077
Most Recent Contact: 01/29/2025

OIL & GAS CLEANUP - CA: List of SWRCB Oil & Gas Cleanup Sites from GeoTracker Site Cleanup Program database.

Agency Version Date: 09/10/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/03/2025
Agency: California Regional Water Quality Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 12/05/2024

SWRCB CLEANUP - CA: List of SWRCB Cleanups from Geotracker including CAF, Sampling Points, and Projects.

Agency Version Date: 09/10/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/03/2025
Agency: California Regional Water Quality Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 12/05/2024

TOXIC PITS - CA: Listing of Toxic Pit Cleanup Act sites

Agency Version Date: 05/28/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 05/09/2025
Agency: State Water Resources Control Board
Agency Contact: 916-341-5810
Most Recent Contact: 02/12/2025

STATE RCRA GENERATORS LIST

HWG - CA: Hazardous waste generator listing

Agency Version Date: 10/28/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 04/18/2025
Agency: Department of Toxic Substances Control
Agency Contact: N/R
Most Recent Contact: 01/22/2025

STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

SWF/LF - CA: Solid Waste Information System's facility listing of solid waste facilities and landfills

Agency Version Date: 10/23/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 04/15/2025
Agency: Department of Resources Recycling and Recovery
Agency Contact: 916-341-6066
Most Recent Contact: 01/17/2025

STATE AND TRIBAL BROWNFIELD SITES

TRIBAL BROWNFIELDS: Tribal brownfield remediation site listing

Agency Version Date: 12/10/2017
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 04/16/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 01/20/2025

LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES

CDL - CA: Listing of Meth and clandestine drug labs maintained by the Department of Toxic Substances Control

Agency Version Date: 02/23/2024
Agency Update Frequency: Varies
Planned Next Contact: 05/02/2025
Agency: Department of Toxic Substances Control
Agency Contact: 916-322-2861
Most Recent Contact: 02/05/2025

SCH - CA: Listing of possible hazardous material contamination sites on existing school properties

Agency Version Date: 06/14/2024
Agency Update Frequency: Varies
Planned Next Contact: 03/03/2025
Agency: Department of Toxic Substances Control
Agency Contact: 916-322-2861
Most Recent Contact: 12/05/2024

LOCAL BROWNFIELD LISTS

FED BROWNFIELDS: Federal brownfield remediation sites

Agency Version Date: 09/10/2024
Agency Update Frequency: Semi Annually
Planned Next Contact: 03/03/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 12/05/2024

LOCAL LAND RECORDS

LIENS 2: Comprehensive Environmental Response Compensation and Liability Act sites with liens

Agency Version Date: 05/11/2017
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 04/22/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 01/24/2025

HIST LIENS - CA: The Department of Toxic Substances Control's listing of property locations with environmental liens that is no longer in current agency list.

Agency Version Date: 12/04/2018
Agency Update Frequency: Annually
Planned Next Contact: 03/13/2025
Agency: Department of Toxic Substances Control
Agency Contact: 916-322-2861
Most Recent Contact: 12/17/2024

LIENS - CA: The Department of Toxic Substances Control's listing of property locations with environmental liens

Agency Version Date: 10/23/2024
Agency Update Frequency: Varies
Planned Next Contact: 04/15/2025
Agency: Department of Toxic Substances Control
Agency Contact: 916-322-2861
Most Recent Contact: 01/17/2025

RECORDS OF EMERGENCY RELEASE REPORTS

HMIRS (DOT): Hazardous Material spills reported by the Department of Transportation

Agency Version Date: 10/31/2024
Agency Update Frequency: Varies
Planned Next Contact: 04/23/2025
Agency: U.S. Department of Transportation
Agency Contact: (202) 366-4996
Most Recent Contact: 01/27/2025

LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES

TRIBAL ODI: Indian land open dump inventory for all regions

Agency Version Date: 10/08/2024
Agency Update Frequency: Varies
Planned Next Contact: 03/31/2025
Agency: Indian Health Service
Agency Contact: 301-443-3593
Most Recent Contact: 01/02/2025

OTHER ASCERTAINABLE RECORDS

COAL GAS: Manufactured Gas Plant locations

Agency Version Date: 08/20/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 05/07/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 02/10/2025

CORRECTIVE ACTIONS_2020: In 2009 the EPA created the 2020 Corrective Action Baseline list of contaminated or potentially contaminated sites with a cleanup goal to complete 95% by the year 2020. The names on the list indicate the facility owners who may or may not have caused the contamination.

Agency Version Date: 12/19/2023
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 03/24/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: N/R
Most Recent Contact: 12/26/2024

DOD: Department of Defense sites from the Protected Areas Database (PAD-US)

Agency Version Date: 09/13/2024
Agency Update Frequency: Varies
Planned Next Contact: 03/06/2025
Agency: United States Geologic Survey (USGS)
Agency Contact: 1-888-275-8747
Most Recent Contact: 12/10/2024

ECHO: ECHO is EPA Enforcement and Compliance History Online website to search for facilities in your community to assess their compliance with environmental regulations related to CAA, CWA, RCRA, & SDWA.

Agency Version Date: 05/15/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 04/28/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-1667
Most Recent Contact: 01/30/2025

FUDS: Defense sites that require cleanup

Agency Version Date: 09/24/2024
Agency Update Frequency: Varies
Planned Next Contact: 03/17/2025
Agency: US Army Corps of Engineering
Agency Contact: (202) 761-0011
Most Recent Contact: 12/19/2024

HIST DOD: Department of Defense historical sites

Agency Version Date: 09/13/2024
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 03/06/2025
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 12/10/2024

ICIS: Comprised of all Federal Administrative and Judicial enforcement information [intended to replace PCS] by tracking enforcement and compliance information (also contains what used to be known as FFTS)

Agency Version Date: 08/13/2024
Agency Update Frequency: Varies
Planned Next Contact: 04/30/2025
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/03/2025

LUCIS: Land Use Control Information Systems

Agency Version Date: 03/08/2023
Agency Update Frequency: Quarterly
Planned Next Contact: 04/29/2025
Agency: Department of the Navy: BRAC PMO
Agency Contact: (619) 532-0900
Most Recent Contact: 01/31/2025

LUCIS 2: Land Use Control Information Systems

Agency Version Date: 01/17/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 03/10/2025
Agency: Department of the Navy: BRAC PMO
Agency Contact: (619) 532-0900
Most Recent Contact: 12/12/2024

OTHER ASCERTAINABLE RECORDS (cont.)

NPL AOC: Areas of Concern related to NPL remediation sites

Agency Version Date: 09/13/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/06/2025
Agency: Environmental Protection Agency
Agency Contact: N/R
Most Recent Contact: 12/10/2024

NPL LIENS: National Priority List of sites with Liens

Agency Version Date: 09/13/2024
Agency Update Frequency: Varies
Planned Next Contact: 03/06/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 12/10/2024

PADS: Listing of generators transporters commercial store/ brokers and disposers of PCB

Agency Version Date: 09/12/2024
Agency Update Frequency: Varies
Planned Next Contact: 03/05/2025
Agency: Environmental Protection Agency
Agency Contact: (703) 308-8404
Most Recent Contact: 12/09/2024

PCB TRANSFORMER: Disposal and Storage of Polychlorinated Biphenyl (PCB) Waste

Agency Version Date: 07/02/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/19/2025
Agency: Environmental Protection Agency
Agency Contact: (703) 308-8404
Most Recent Contact: 12/23/2024

PFAS NPL: List of NPL sites with PFAS or PFOA contamination

Agency Version Date: 08/23/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 02/13/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 11/19/2024

PFAS TRIS: List of TRIS sites where PFAS or PFOA are used/manufactured/ treated/ transported/released.

Agency Version Date: 08/13/2024
Agency Update Frequency: Varies
Planned Next Contact: 04/30/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/03/2025

PFAS UCMR3: List of PWS wells sampled for Unregulated Contaminant Monitoring Rule (UCMR)

Agency Version Date: 06/02/2022
Agency Update Frequency: Quarterly
Planned Next Contact: 04/11/2025
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/15/2025

CALEPA SITES - CA: CalEPA Regulated Sites from the Certified Unified Program Agencies (CUPA).

Agency Version Date: 05/20/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 05/01/2025
Agency: California Environmental Protection Agency Unified Program Section
Agency Contact: 916-327-5092
Most Recent Contact: 02/04/2025

CIWQS - CA: California Integrated Water Quality System database facilities listing which includes owner information, violations, inspections, and other regulatory matters

Agency Version Date: 10/29/2024
Agency Update Frequency: Varies
Planned Next Contact: 04/21/2025
Agency: CA State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 01/23/2025

OTHER ASCERTAINABLE RECORDS (cont.)

CIWQS 2 - CA: California Integrated Water Quality System database facilities listing which includer owner information violations inspections and other regulatory matters

Agency Version Date: 05/25/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 05/09/2025
Agency: CA State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 02/12/2025

DRYCLEANERS - CA: Listing of drycleaning facilities

Agency Version Date: 09/09/2014
Agency Update Frequency: Quarterly
Planned Next Contact: 04/24/2025
Agency: California EPA Air Resources Board
Agency Contact: 916-324-3013
Most Recent Contact: 01/28/2025

DRYCLEANERS_EASTERN KERN COUNTY - CA: Listing of drycleaning facilities in Eastern Kern County

Agency Version Date: 09/11/2024
Agency Update Frequency: Varies
Planned Next Contact: 03/03/2025
Agency: Eastern Kern County APCD
Agency Contact: 661-862-5250
Most Recent Contact: 12/05/2024

FA - CA: Listing of the Department of Toxic Substance Control's Financial Assurance report sites and facilities

Agency Version Date: 06/13/2024
Agency Update Frequency: Varies
Planned Next Contact: 02/28/2025
Agency: Department of Toxic Substance Control
Agency Contact: 916-322-2861
Most Recent Contact: 12/04/2024

FA 2 - CA: Financial Assurance Information for solid waste facilities

Agency Version Date: 06/05/2024
Agency Update Frequency: Varies
Planned Next Contact: 02/20/2025
Agency: Department of Environment & Natural Resources
Agency Contact: 916-341-6066
Most Recent Contact: 11/26/2024

HAZNET - CA: Listing of hazardous waste manifests from when hazardous waste is transported from generators to permitted recycling treatment storage or disposal facilities by registered hazardous waste transporters

Agency Version Date: 04/05/2021
Agency Update Frequency: Annually
Planned Next Contact: 04/24/2025
Agency: California Environmental Protection Agency
Agency Contact: 916-341-5791
Most Recent Contact: 01/28/2025

HIST HAZNET - CA: List of hazardous waste manifests from when hazardous waste is transported from generators to permitted recycling treatment storage or disposal facilities by registered hazardous waste transporters that are no longer in current agency list.

Agency Version Date: 10/10/2018
Agency Update Frequency: Annually
Planned Next Contact: 03/21/2025
Agency: California Environmental Protection Agency
Agency Contact: 916-341-5791
Most Recent Contact: 12/25/2024

HIST HWP - CA: List of the Department of Toxic Substance Control's hazardous waste transporters and corrective action that are no longer in current agency list.

Agency Version Date: 01/18/2019
Agency Update Frequency: Annually
Planned Next Contact: 02/26/2025
Agency: Department of Toxic Substance Control
Agency Contact: 916-322-2861
Most Recent Contact: 12/02/2024

HIST LDS - CA: List of areas of land on or in which hazardous waste is placed or the largest area in which there is significant likelihood of mixing hazardous waste constituents in the same area that are no longer in current agency list.

Agency Version Date: 05/20/2018
Agency Update Frequency: Annually
Planned Next Contact: 03/27/2025
Agency: State Water Qualilty Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 12/31/2024

OTHER ASCERTAINABLE RECORDS (cont.)

HIST MCS - CA: List of the State Water Resources Control Boards investigation and remediation of water quality issues at military facilities that is no longer in current agency list.

Agency Version Date: 09/24/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 04/15/2025
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 01/17/2025

HIST NFA - CA: Historical No further action cleanup sites listing

Agency Version Date: 03/21/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 03/18/2025
Agency: Department of Toxic Substances Control
Agency Contact: 916-322-2861
Most Recent Contact: 12/20/2024

HWM COMMERCIAL FACILITIES - CA: Listing of all commercial hazardous waste permitted off-site transfer recycling treatment storage and disposal facilities

Agency Version Date: 09/03/2024
Agency Update Frequency: Varies
Planned Next Contact: 02/24/2025
Agency: Department of Toxic Substance Control
Agency Contact: 916-322-5308
Most Recent Contact: 11/28/2024

HWP - CA: Facility listing of the Department of Toxic Substance Control's hazardous waste transporters and corrective action

Agency Version Date: 09/12/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/05/2025
Agency: Department of Toxic Substance Control
Agency Contact: 916-322-2861
Most Recent Contact: 12/09/2024

HWT - CA: Listing of registered hazardous waste transporters

Agency Version Date: 09/19/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/13/2025
Agency: Department of Toxic Substance Control
Agency Contact: 916-322-2861
Most Recent Contact: 12/16/2024

LDS - CA: List of Land Disposal Cleanup Sites from Geotracker

Agency Version Date: 09/10/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/03/2025
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 12/05/2024

MCS - CA: List of Military Cleanup Sites from Geotracker

Agency Version Date: 09/10/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/03/2025
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 12/05/2024

MWMP - CA: Listing of treatment and transfer stations that properly handle and dispose of medical waste that are permitted and inspected by the Medical Waste Management Program

Agency Version Date: 09/16/2024
Agency Update Frequency: Varies
Planned Next Contact: 03/07/2025
Agency: California-Health Human Services Department of Public Health
Agency Contact: 916-449-5661
Most Recent Contact: 12/11/2024

MWMP 2 - CA: Listing of facilities that generate permitted medical waste and are inspected by the Medical Waste Management Program

Agency Version Date: 01/13/2022
Agency Update Frequency: Quarterly
Planned Next Contact: 02/25/2025
Agency: California-Health Human Services Department of Public Health
Agency Contact: 916-449-5661
Most Recent Contact: 11/29/2024

OTHER ASCERTAINABLE RECORDS (cont.)

NFA - CA: No further action cleanup sites listing

Agency Version Date: 11/04/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 04/25/2025
Agency: Department of Toxic Substances Control
Agency Contact: 916-322-2861
Most Recent Contact: 01/29/2025

NFE - CA: Unconfirmed contaminated properties listing

Agency Version Date: 11/04/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 04/25/2025
Agency: Department of Toxic Substances Control
Agency Contact: 916-322-2861
Most Recent Contact: 01/29/2025

NPDES - CA: Listing of facilities with wastewater and NPDES permits including stormwater

Agency Version Date: 10/01/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 03/24/2025
Agency: State Water Resources Control Board
Agency Contact: 916-341-5810
Most Recent Contact: 12/26/2024

PERCHLORATE 2 - CA: Listing of contaminated sites where the primary known chemical is perchlorate

Agency Version Date: 10/31/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 04/23/2025
Agency: Department of Toxic Substances Control
Agency Contact: 916-322-2861
Most Recent Contact: 01/27/2025

PFAS - CA: List of PFAS sites and areas of interest

Agency Version Date: 08/21/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 05/08/2025
Agency: California State Water Resources Control Board
Agency Contact: N/R
Most Recent Contact: 02/11/2025

PFAS DOD - CA: List of DoD facilities conducting PFAS investigations

Agency Version Date: 08/23/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 02/13/2025
Agency: California State Water Resources Control Board
Agency Contact: N/R
Most Recent Contact: 11/19/2024

PFAS GAMA - CA: PFOS & PFAS GAMA Well Sampling program

Agency Version Date: 08/19/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 05/06/2025
Agency: California State Water Resources Control Board
Agency Contact: N/R
Most Recent Contact: 02/07/2025

RFR - CA: State Water Resources Control Board Regulated Facility Report database listing which includes program agency type and their permit status

Agency Version Date: 10/16/2024
Agency Update Frequency: Varies
Planned Next Contact: 04/08/2025
Agency: CA State Water Resources Control Board
Agency Contact: 916-341-5810
Most Recent Contact: 01/10/2025

WDR - CA: List of Waste Discharge Requirement Sites.

Agency Version Date: 10/31/2024
Agency Update Frequency: Quarterly
Planned Next Contact: 04/23/2025
Agency: State Water Resources Control Board
Agency Contact: N/R
Most Recent Contact: 01/27/2025

WDS - CA: Listing of waste discharge system reporting facilities

Agency Version Date: 06/28/2023
Agency Update Frequency: Quarterly
Planned Next Contact: 02/26/2025
Agency: State Water Resources Control Board
Agency Contact: 916-341-5810
Most Recent Contact: 11/29/2024

SUBJECT PROPERTY ADDRESS:
Airport Commerce Center
1211 Petrol Rd
Bakersfield, CA 93308

SUBJECT PROPERTY COORDINATES:

Latitude(North):	35.444251 - 35°26'39.3"
Longitude(West):	-119.042525 - -119°2'33.1"
Universal Transverse Mercator:	Zone 11N
UTM X (Meters):	314616.20
UTM Y (Meters):	3924227.28
State Plane Coordinates:	0405 - California Zone 5 (US Survey Feet)
X Coordinate (Feet):	6251133.114 E
Y Coordinate (Feet):	2349616.313 N

ELEVATION:

Elevation:	590 ft. above sea level

USGS TOPOGRAPHIC MAP:

Subject Property Map:	35119-D1 Oildale, CA
Most Recent Revision:	2015

GEOHYDROLOGY DATA:

SUBJECT PROPERTY TOPOGRAPHY:

Topographic Gradient: Southwest

DFIRM FLOOD ZONE:

	DFIRM Flood
Subject Property County:	Electronic Data:
KERN	Yes - refer to the PROPERTY PROXIMITY MAP and AREA MAP
Flood Plain Panel at Subject Property:	06029C1825F (Eff. date 10/21/2021)
Additional Panels in search area:	06029C1817F (Eff. date 10/21/2021)

FEMA FLOOD ZONE:

	FEMA Flood
Subject Property County:	Electronic Data:
KERN	Yes - refer to the PROPERTY PROXIMITY MAP and AREA MAP
Flood Plain Panel at Subject Property:	0600750750B
Additional Panels in search area:	0600750745B

NATIONAL WETLAND INVENTORY:

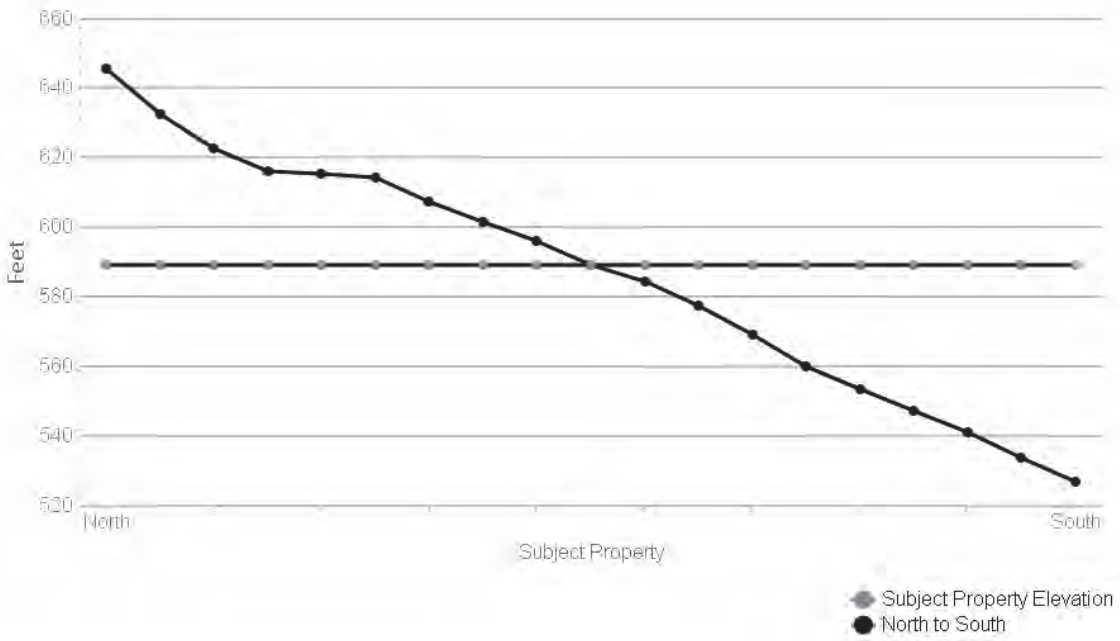
	NWI Electronic
NWI Quad at Subject Property:	Data Coverage:
Oildale	Yes - refer to the Geological Findings Map

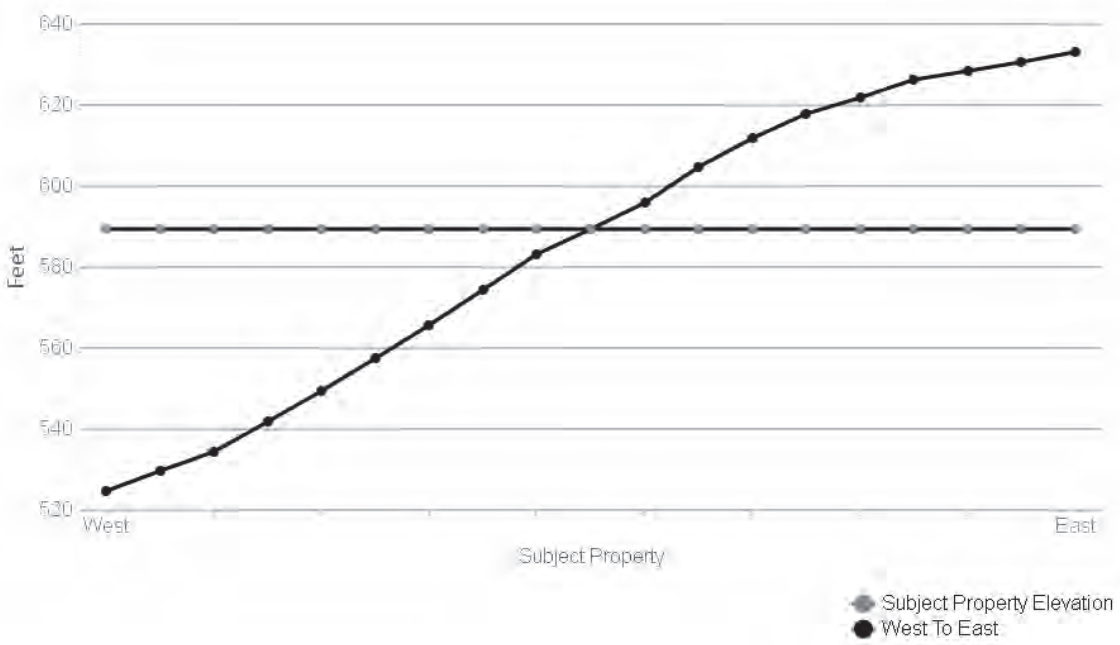
LITHOSTRATIGRAPHIC INFORMATION:

ROCK STRATIGRAPHIC UNIT: GEOLOGIC AGE IDENTIFICATION

Era:	Cenozoic	Category: 8 Tpc Pliocene continental
System:	Tertiary	
Series:	Pliocene continental	
Code:	Tpc	

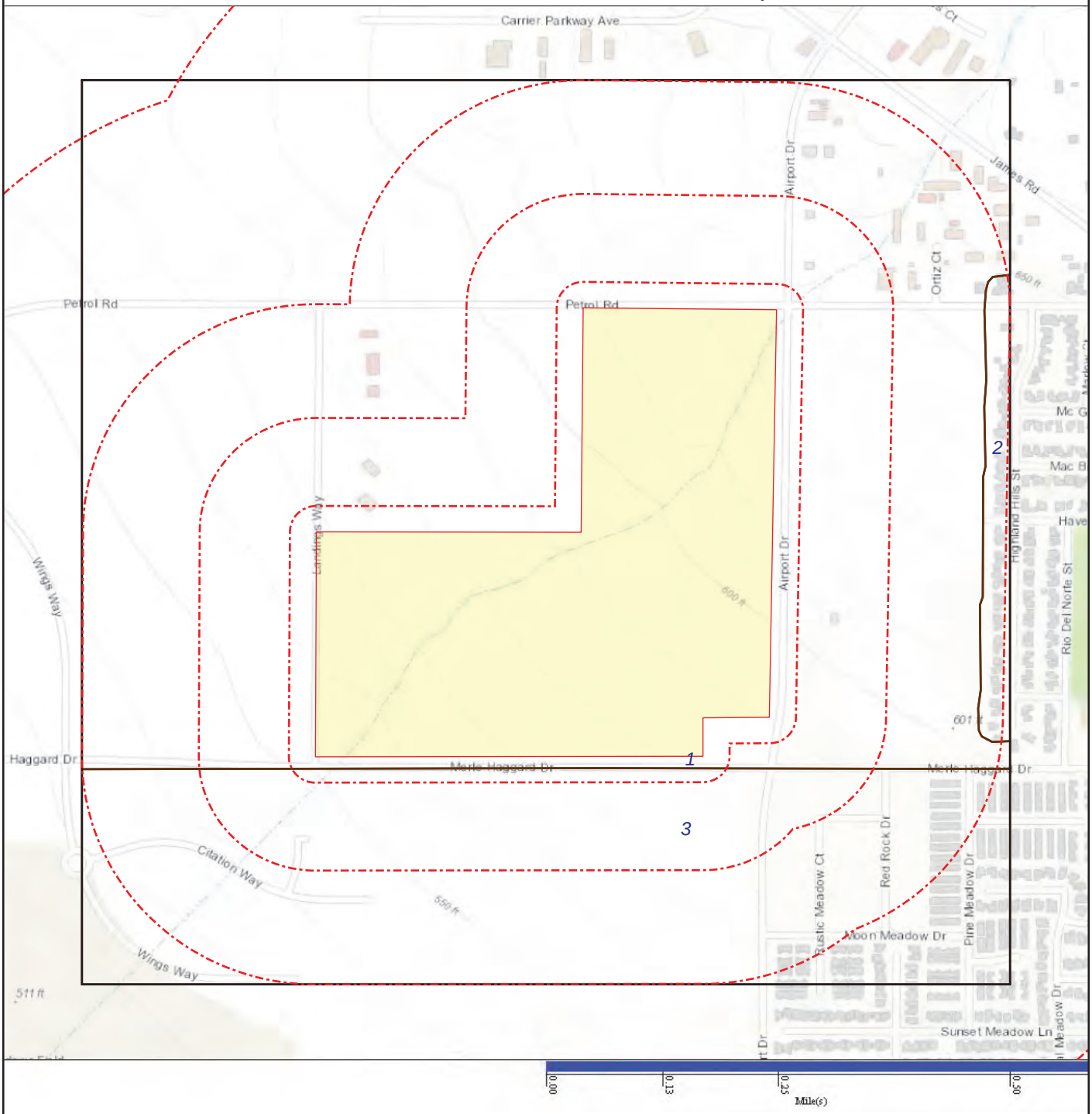
SURROUNDING ELEVATION PROFILES:





SUBJECT NAME: Airport Commerce Center
ADDRESS: 1211 Petrol Rd, Bakersfield, CA, 93308
LAT/LONG: 35.444251 / -119.042525

PREPARED FOR: Cameron-Cole - Alameda
ORDER #: 105524
REPORT DATE: February 13, 2025



SOIL COMPOSITION IN GENERAL AREA OF SUBJECT PROPERTY:
Agency source: Soil Conservation Service, US Department of Agriculture

SOIL MAP ID 1	SSURGO
USDA Soil Name	Delano,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-46	Sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14.11-42.34	7.4-8.4
2	46-94	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.41-4.23	7.9-8.4
3	94-152	Sandy loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials,	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	4.23-14.11	7.9-8.4

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	94-152	Sandy loam	1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	7.9-8.4

SOIL MAP ID 2 SSURGO

USDA Soil Name	Delano,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-46	Sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14.11-42.34	7.4-8.4
2	46-94	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	1.41-4.23	7.9-8.4

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	46-94	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.41-4.23	7.9-8.4
3	94-152	Sandy loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	7.9-8.4

SOIL MAP ID 3 SSURGO

USDA Soil Name	Delano,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	C
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-46	Sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials,	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and	14.11-42.34	7.4-8.4

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-46	Sandy loam	1984.	the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14.11-42.34	7.4-8.4
2	46-94	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.41-4.23	7.9-8.4
3	94-152	Sandy loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	7.9-8.4

WATER AGENCY DATA:

WATER AGENCY SEARCH DISTANCES:

DATABASE:	SEARCH DISTANCE (MILES):
NWIS	1.000
OIL & GAS WELLS - CA	1.000
PWS	1.000
WELLS - GAMA - CA	0.000

DISTANCE TO NEAREST:	DISTANCE:
NWIS	0.004 mi / 21 ft
OIL & GAS WELLS - CA	0.000 mi / 0 ft
PWS	0.449 mi / 2369 ft
WELLS - GAMA - CA	0.004 mi / 21 ft

FEDERAL WATER AGENCY DATA SUMMARY:

MAP ID:	WELL ID:	LOCATION FROM SP:
7	352645119025201 | USGS-352645119025201	< 1/8 Mile W
A9	352629119022001	< 1/8 Mile SE
14	352630119025301	< 1/8 Mile WSW
42	352709119020301	1/4 - 1/2 Mile NE
H51	352656119015001	1/4 - 1/2 Mile ENE
56	MEADOWS FIELD AIRPORT | DAL GLOBAL SERVICES LLC BFL | ENTERPRISE RENT A CAR	1/4 - 1/2 Mile WSW
L59	352605119022201	1/4 - 1/2 Mile SSE
L63	352604119022001	1/4 - 1/2 Mile SSE
Q80	352600119010001 | 103832 | 111307	1/2 - 1 Mile ESE
153	352657119032501	1/2 - 1 Mile WNW
W161	352713119014101	1/2 - 1 Mile NE
BC185	352729119024101	1/2 - 1 Mile NNW
293	OILDALE MUTUAL WATER - WAREHOUSE | CA1510015 | OILDALE MWC-WELL 03 - CL2	1/2 - 1 Mile SE
CJ364	352650119012101	1/2 - 1 Mile E
427	352556119013701	1/2 - 1 Mile SE
485	352630119011501	1/2 - 1 Mile E

Note: PWS System location is not always the same as well location.

STATE/LOCAL WATER AGENCY DATA SUMMARY:

MAP ID:	WELL ID:	LOCATION FROM SP:
1	0402910466	< 1/8 Mile E
3	0402910465	< 1/8 Mile WSW
7	352645119025201 | USGS-352645119025201	< 1/8 Mile W
B11	0402930958	< 1/8 Mile SW
16	0402910464	1/8 - 1/4 Mile NNW
25	0402910463	1/8 - 1/4 Mile NW
K54	0402910680	1/4 - 1/2 Mile NE
55	0402910681	1/4 - 1/2 Mile NNE
K57	0402910679	1/4 - 1/2 Mile NE
61	0402908934	1/4 - 1/2 Mile NNW
65	0402930973	1/4 - 1/2 Mile SE
N66	0402910459	1/4 - 1/2 Mile NNE
M71	0402954224	1/2 - 1 Mile NE
72	0402910461	1/2 - 1 Mile NE
73	0402954789	1/2 - 1 Mile NE
74	0402910455	1/2 - 1 Mile NE
P77	0403061314	1/2 - 1 Mile NNE
M78	0402967997	1/2 - 1 Mile NE
P79	0403061313	1/2 - 1 Mile NNE
P81	0402910838	1/2 - 1 Mile NNE
P82	0403061312	1/2 - 1 Mile NNE
84	0402908929	1/2 - 1 Mile N
N87	0403061326	1/2 - 1 Mile NNE
88	0402910182	1/2 - 1 Mile NW
P89	0403062024	1/2 - 1 Mile NNE
S90	0402910179	1/2 - 1 Mile NNW
M91	0402910456	1/2 - 1 Mile NE
P93	0402910848	1/2 - 1 Mile NNE

STATE/LOCAL WATER AGENCY DATA SUMMARY: *(cont.)*

MAP ID:	WELL ID:	LOCATION FROM SP:
T94	0403061311	1/2 - 1 Mile NNE
96	0402910180	1/2 - 1 Mile NW
T97	0402910839	1/2 - 1 Mile NNE
U99	0402967923	1/2 - 1 Mile NE
T100	0403061317	1/2 - 1 Mile NNE
U101	0402967861	1/2 - 1 Mile NE
P102	0403060972	1/2 - 1 Mile NNE
U103	0402910462	1/2 - 1 Mile NE
T104	0403067994	1/2 - 1 Mile NNE
S105	0402910181	1/2 - 1 Mile NNW
T106	0403062025	1/2 - 1 Mile NNE
107	0402910678	1/2 - 1 Mile WNW
V108	0403045880	1/2 - 1 Mile NNE
110	0402967943	1/2 - 1 Mile NE
V111	0403062519	1/2 - 1 Mile NNE
P112	0403060642	1/2 - 1 Mile NNE
T114	0403061325	1/2 - 1 Mile NNE
T115	0403061318	1/2 - 1 Mile NNE
P116	0403059671	1/2 - 1 Mile NNE
V117	0402910840	1/2 - 1 Mile NE
X118	0402910460	1/2 - 1 Mile NE
T119	0403060969	1/2 - 1 Mile NNE
V120	0403062026	1/2 - 1 Mile NNE
X121	0402970015	1/2 - 1 Mile NE
X123	0402910457	1/2 - 1 Mile NE
T125	0403060970	1/2 - 1 Mile NNE
T126	0403066850	1/2 - 1 Mile NNE
Y127	0403060973	1/2 - 1 Mile NNE
128	0402910042	1/2 - 1 Mile E
T129	0403066785	1/2 - 1 Mile NNE
130	0402930974	1/2 - 1 Mile ESE
U131	0402965406	1/2 - 1 Mile NE
133	0402910177	1/2 - 1 Mile NW
W134	0402910757	1/2 - 1 Mile ENE
X135	0402970671	1/2 - 1 Mile NE
V136	0403061324	1/2 - 1 Mile NNE
X137	0402967781	1/2 - 1 Mile NE
Y138	0402910837	1/2 - 1 Mile NNE
BA139	0402910841	1/2 - 1 Mile NE
V140	0403061316	1/2 - 1 Mile NNE
Y141	0403060830	1/2 - 1 Mile NNE
142	0402910673	1/2 - 1 Mile NNW
T143	0403066722	1/2 - 1 Mile NNE
BA144	0403061323	1/2 - 1 Mile NE
145	0402910183	1/2 - 1 Mile NW
V146	0403061397	1/2 - 1 Mile NNE
BA147	0402942009	1/2 - 1 Mile NE
BA148	0403061322	1/2 - 1 Mile NE
T149	0403066723	1/2 - 1 Mile NNE
Y150	0403062018	1/2 - 1 Mile NNE
T151	0402910836	1/2 - 1 Mile NNE
T152	0403060971	1/2 - 1 Mile NNE
BA154	0403062027	1/2 - 1 Mile NE
BA155	0403061320	1/2 - 1 Mile NE
156	0402910919	1/2 - 1 Mile WNW
V158	0403060968	1/2 - 1 Mile NNE
X159	0402970014	1/2 - 1 Mile NE
V160	0403061396	1/2 - 1 Mile NNE
V163	0403060967	1/2 - 1 Mile NNE
BA166	0402910842	1/2 - 1 Mile NE
V168	0403066779	1/2 - 1 Mile NNE
T169	0403062019	1/2 - 1 Mile NNE
X170	0402910458	1/2 - 1 Mile NE

STATE/LOCAL WATER AGENCY DATA SUMMARY: *(cont.)*

MAP ID:	WELL ID:	LOCATION FROM SP:
BA172	0402940517	1/2 - 1 Mile NE
BA173	0403061319	1/2 - 1 Mile NE
V174	0403066725	1/2 - 1 Mile NNE
V175	0403039885	1/2 - 1 Mile NNE
BA176	0403061530	1/2 - 1 Mile NE
V177	0403062517	1/2 - 1 Mile NNE
X178	0402965407	1/2 - 1 Mile NE
BA179	0403066934	1/2 - 1 Mile NE
BA180	0403061315	1/2 - 1 Mile NE
V181	0402910835	1/2 - 1 Mile NNE
BA182	0402904098	1/2 - 1 Mile NE
BA183	0403066877	1/2 - 1 Mile NE
BA184	0402904099	1/2 - 1 Mile NE
BA186	0403061774	1/2 - 1 Mile NE
Y187	0403059670	1/2 - 1 Mile NNE
Y188	0403060614	1/2 - 1 Mile NNE
BA189	0403061321	1/2 - 1 Mile NE
V190	0403062020	1/2 - 1 Mile NNE
BA192	0403061394	1/2 - 1 Mile NE
BD193	0403041886	1/2 - 1 Mile NNW
BD194	0402910662	1/2 - 1 Mile NNW
197	0402908928	1/2 - 1 Mile N
Y198	0402908927	1/2 - 1 Mile NNE
BA199	0403062028	1/2 - 1 Mile NE
BC200	0402910873	1/2 - 1 Mile NNW
201	0402910178	1/2 - 1 Mile NW
BA202	0403066880	1/2 - 1 Mile NE
BE203	0402910834	1/2 - 1 Mile NE
Y204	0403060715	1/2 - 1 Mile NNE
205	0402910672	1/2 - 1 Mile NNW
BF206	0403061395	1/2 - 1 Mile NE
BA207	0402910847	1/2 - 1 Mile NE
BG208	0403060836	1/2 - 1 Mile NNE
BH209	0402990006	1/2 - 1 Mile NNE
BG210	0403060717	1/2 - 1 Mile NNE
Y211	0402910823	1/2 - 1 Mile NNE
BE212	0402910833	1/2 - 1 Mile NE
Y213	0403062006	1/2 - 1 Mile NNE
BG214	0403060835	1/2 - 1 Mile NNE
BE215	0403062021	1/2 - 1 Mile NE
BG216	0403066720	1/2 - 1 Mile NNE
BG217	0403060834	1/2 - 1 Mile NNE
Y218	0403059675	1/2 - 1 Mile NNE
BG219	0403066726	1/2 - 1 Mile NNE
BH220	0403060716	1/2 - 1 Mile NNE
BG221	0402910824	1/2 - 1 Mile NNE
BI222	0402910044	1/2 - 1 Mile N
BJ224	0402910843	1/2 - 1 Mile NE
225	0402910851	1/2 - 1 Mile NE
BI226	0402910046	1/2 - 1 Mile N
BK227	0403060974	1/2 - 1 Mile NNE
BG228	0403062007	1/2 - 1 Mile NNE
BL229	0403041885	1/2 - 1 Mile NW
BJ230	0402910844	1/2 - 1 Mile NE
BG231	0403060638	1/2 - 1 Mile NNE
BL232	0402910647	1/2 - 1 Mile NW
BF233	0402910832	1/2 - 1 Mile NE
BG234	0403059676	1/2 - 1 Mile NNE
BK235	0402904097	1/2 - 1 Mile NNE
236	0402908930	1/2 - 1 Mile NNW
BG237	0403060639	1/2 - 1 Mile NNE
BJ238	0403062029	1/2 - 1 Mile NE
BN240	0402910831	1/2 - 1 Mile NE

STATE/LOCAL WATER AGENCY DATA SUMMARY: *(cont.)*

MAP ID:	WELL ID:	LOCATION FROM SP:
BG241	0403059677	1/2 - 1 Mile NNE
BK243	0402940511	1/2 - 1 Mile NNE
BP244	0402910660	1/2 - 1 Mile NNW
BQ245	0402910646	1/2 - 1 Mile NNW
BF248	0403062022	1/2 - 1 Mile NE
BN249	0402942385	1/2 - 1 Mile NE
BS250	0403060701	1/2 - 1 Mile N
BP251	0402910661	1/2 - 1 Mile NNW
BI252	0402910045	1/2 - 1 Mile NNW
253	0403060702	1/2 - 1 Mile N
BT254	0403060703	1/2 - 1 Mile N
BT256	0403060705	1/2 - 1 Mile NNE
BK257	0403062015	1/2 - 1 Mile NNE
BM260	0402910825	1/2 - 1 Mile NNE
BU261	0402910671	1/2 - 1 Mile NNW
BM262	0402910846	1/2 - 1 Mile NE
BM263	0402910826	1/2 - 1 Mile NNE
BN264	0402910830	1/2 - 1 Mile NE
BV265	0402910917	1/2 - 1 Mile NW
BN269	0403061402	1/2 - 1 Mile NE
BX270	0403060596	1/2 - 1 Mile N
BT272	0403039884	1/2 - 1 Mile N
BX274	0403060592	1/2 - 1 Mile N
BT275	0402910821	1/2 - 1 Mile N
BX277	0403060597	1/2 - 1 Mile N
BX278	0402910284	1/2 - 1 Mile N
BY279	0402910731	1/2 - 1 Mile NNE
BN280	0403060978	1/2 - 1 Mile NE
BN281	0403066932	1/2 - 1 Mile NE
BT282	0402910820	1/2 - 1 Mile NNE
BS283	0403060700	1/2 - 1 Mile N
BN284	0403061981	1/2 - 1 Mile NE
BY285	0403059574	1/2 - 1 Mile NNE
BZ286	0403060833	1/2 - 1 Mile NNE
BS289	0402910822	1/2 - 1 Mile N
CA290	0402910732	1/2 - 1 Mile NNE
BV291	0402910677	1/2 - 1 Mile NW
BN292	0403061476	1/2 - 1 Mile NE
BZ294	0403060975	1/2 - 1 Mile NNE
BZ295	0403062016	1/2 - 1 Mile NE
CA296	0403059575	1/2 - 1 Mile NNE
BN297	0403061980	1/2 - 1 Mile NE
BN298	0402910829	1/2 - 1 Mile NE
BZ299	0403060718	1/2 - 1 Mile NNE
BN300	0403062023	1/2 - 1 Mile NE
BZ301	0403066747	1/2 - 1 Mile NNE
BZ302	0402910827	1/2 - 1 Mile NE
BN303	0403060980	1/2 - 1 Mile NE
BQ306	0402910645	1/2 - 1 Mile NW
307	0402910184	1/2 - 1 Mile NW
BZ308	0403060832	1/2 - 1 Mile NNE
CB309	0402942383	1/2 - 1 Mile NE
BN310	0402910845	1/2 - 1 Mile NE
CB311	0402910793	1/2 - 1 Mile NE
312	0402910644	1/2 - 1 Mile NNW
BN313	0403066933	1/2 - 1 Mile NE
CC314	0402910283	1/2 - 1 Mile NNW
BU315	0402910670	1/2 - 1 Mile NNW
316	0403059576	1/2 - 1 Mile NNE
BX317	0403066801	1/2 - 1 Mile N
318	0403039862	1/2 - 1 Mile ENE
CC319	0403060591	1/2 - 1 Mile NNW
BN321	0403066879	1/2 - 1 Mile NE

STATE/LOCAL WATER AGENCY DATA SUMMARY: *(cont.)*

MAP ID:	WELL ID:	LOCATION FROM SP:
BX322	0403066824	1/2 - 1 Mile N
BZ323	0403066849	1/2 - 1 Mile NNE
CC324	0403060595	1/2 - 1 Mile NNW
CC325	0403060590	1/2 - 1 Mile NNW
BX326	0403066802	1/2 - 1 Mile N
CC327	0403060594	1/2 - 1 Mile NNW
BX328	0403066826	1/2 - 1 Mile N
CE329	0402910281	1/2 - 1 Mile N
CF330	0403055043	1/2 - 1 Mile N
CG331	0402910659	1/2 - 1 Mile NNW
CF332	0403055773	1/2 - 1 Mile N
BT333	0403045872	1/2 - 1 Mile N
BZ334	0403060831	1/2 - 1 Mile NNE
BY335	0403055772	1/2 - 1 Mile NNE
BY336	0403055498	1/2 - 1 Mile NNE
BX337	0403067698	1/2 - 1 Mile N
BZ339	0403066772	1/2 - 1 Mile NE
BN340	0403060829	1/2 - 1 Mile NE
CD341	0403055905	1/2 - 1 Mile NNE
CG343	0402950632	1/2 - 1 Mile NNW
BZ344	0403059678	1/2 - 1 Mile NNE
BN345	0403062518	1/2 - 1 Mile NE
BY347	0403055488	1/2 - 1 Mile NNE
CD349	0403055499	1/2 - 1 Mile NNE
BN350	0403061978	1/2 - 1 Mile NE
BZ351	0403060641	1/2 - 1 Mile NNE
CI352	0402910736	1/2 - 1 Mile NNE
CH353	0403062017	1/2 - 1 Mile NE
BN354	0403061979	1/2 - 1 Mile NE
BZ356	0403060640	1/2 - 1 Mile NNE
BN357	0402910828	1/2 - 1 Mile NE
CA358	0403055500	1/2 - 1 Mile NNE
BZ359	0403040183	1/2 - 1 Mile NE
BN360	0403061977	1/2 - 1 Mile NE
CI361	0403059672	1/2 - 1 Mile NNE
BN362	0403066853	1/2 - 1 Mile NE
CF363	0403055771	1/2 - 1 Mile N
BN365	0403061976	1/2 - 1 Mile NE
BZ366	0403059679	1/2 - 1 Mile NE
BN368	0403066878	1/2 - 1 Mile NE
BU369	0402910669	1/2 - 1 Mile NNW
CK370	0403055332	1/2 - 1 Mile NNE
BZ371	0403060719	1/2 - 1 Mile NE
CJ372	0402926900	1/2 - 1 Mile E
373	0402910630	1/2 - 1 Mile NW
CI375	0402900242	1/2 - 1 Mile NNE
CM376	0403055487	1/2 - 1 Mile N
BZ377	0403060720	1/2 - 1 Mile NE
CC379	0403066823	1/2 - 1 Mile NNW
CC380	0402958321	1/2 - 1 Mile NNW
CD381	0402910733	1/2 - 1 Mile NNE
382	0402910623	1/2 - 1 Mile NW
383	0402910819	1/2 - 1 Mile NNE
CN384	0403060593	1/2 - 1 Mile N
CD386	0403055514	1/2 - 1 Mile NNE
387	0402900324	1/2 - 1 Mile NW
CN388	0403060544	1/2 - 1 Mile N
CI389	0403055571	1/2 - 1 Mile NNE
CP390	0402910629	1/2 - 1 Mile NW
CE391	0403039892	1/2 - 1 Mile N
CQ392	0402910643	1/2 - 1 Mile NNW
BZ394	0402910737	1/2 - 1 Mile NE
CN396	0403060545	1/2 - 1 Mile N

STATE/LOCAL WATER AGENCY DATA SUMMARY: *(cont.)*

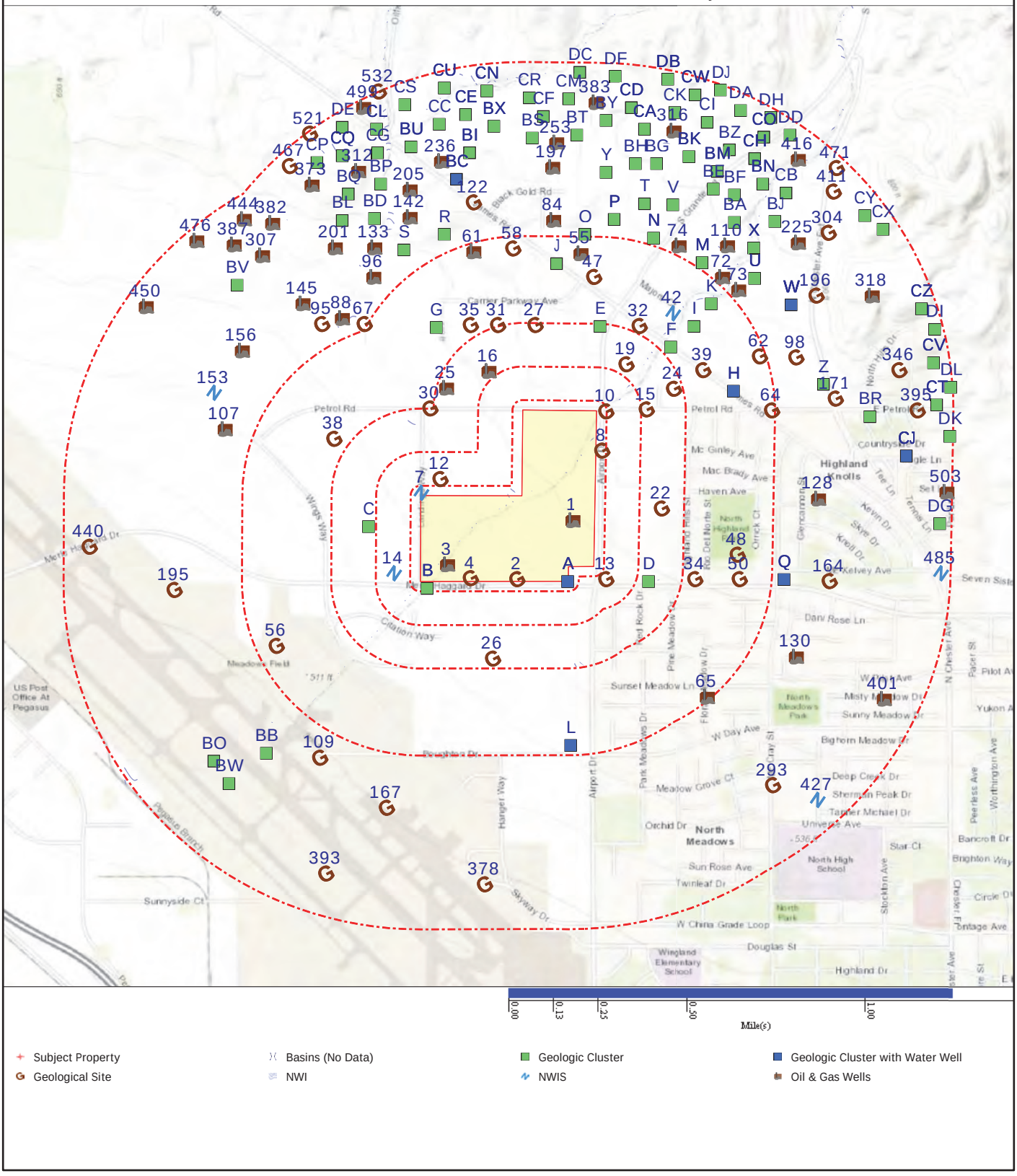
MAP ID:	WELL ID:	LOCATION FROM SP:
BZ398	0403060636	1/2 - 1 Mile NE
CD399	0402910734	1/2 - 1 Mile NNE
CR400	0403055041	1/2 - 1 Mile N
401	0402942734	1/2 - 1 Mile ESE
BY402	0403054935	1/2 - 1 Mile NNE
CO403	0403060637	1/2 - 1 Mile NE
CN404	0402910280	1/2 - 1 Mile N
CN405	0403045884	1/2 - 1 Mile N
CS406	0402944612	1/2 - 1 Mile NNW
CI407	0403055333	1/2 - 1 Mile NNE
CI408	0402910751	1/2 - 1 Mile NNE
BZ409	0403059673	1/2 - 1 Mile NE
CR410	0403066795	1/2 - 1 Mile N
CD412	0403055492	1/2 - 1 Mile NNE
CM413	0403054934	1/2 - 1 Mile N
CK414	0402910739	1/2 - 1 Mile NNE
416	0402910791	1/2 - 1 Mile NE
CO417	0402910750	1/2 - 1 Mile NE
CM419	0403055042	1/2 - 1 Mile N
CI421	0403055572	1/2 - 1 Mile NNE
CT422	0402954897	1/2 - 1 Mile ENE
CL423	0402910642	1/2 - 1 Mile NNW
CV424	0402926749	1/2 - 1 Mile ENE
CL426	0402910658	1/2 - 1 Mile NNW
CU428	0402910282	1/2 - 1 Mile NNW
CD430	0403006055	1/2 - 1 Mile NNE
CD431	0403055493	1/2 - 1 Mile NNE
CW434	0403055496	1/2 - 1 Mile NNE
CW435	0402910740	1/2 - 1 Mile NNE
CT437	0402926856	1/2 - 1 Mile E
CO438	0402910738	1/2 - 1 Mile NE
CO441	0403061975	1/2 - 1 Mile NE
CD442	0403039886	1/2 - 1 Mile NNE
444	0402948332	1/2 - 1 Mile NW
CW445	0402900430	1/2 - 1 Mile NNE
DA447	0403055334	1/2 - 1 Mile NNE
CN448	0402910278	1/2 - 1 Mile N
CW449	0403055497	1/2 - 1 Mile NNE
450	0402908933	1/2 - 1 Mile WNW
CP451	0402910628	1/2 - 1 Mile NW
CT452	0402950465	1/2 - 1 Mile ENE
CS455	0402910657	1/2 - 1 Mile NNW
DC456	0403054933	1/2 - 1 Mile N
CT457	0402950466	1/2 - 1 Mile ENE
CV458	0402950779	1/2 - 1 Mile ENE
CO459	0403059674	1/2 - 1 Mile NE
CV460	0402932865	1/2 - 1 Mile ENE
DD463	0402910792	1/2 - 1 Mile NE
CV464	0402950806	1/2 - 1 Mile ENE
DE465	0402946839	1/2 - 1 Mile NNW
CT466	0402926857	1/2 - 1 Mile ENE
CV468	0402942038	1/2 - 1 Mile ENE
CU470	0403060542	1/2 - 1 Mile NNW
DC472	0402910818	1/2 - 1 Mile NNE
DB473	0403055494	1/2 - 1 Mile NNE
DE474	0402910641	1/2 - 1 Mile NNW
DF475	0403054936	1/2 - 1 Mile NNE
476	0402910918	1/2 - 1 Mile NW
CN477	0403060541	1/2 - 1 Mile N
DA478	0402910741	1/2 - 1 Mile NNE
DD479	0402900366	1/2 - 1 Mile NE
CW480	0402910752	1/2 - 1 Mile NNE
CU481	0403060543	1/2 - 1 Mile NNW

STATE/LOCAL WATER AGENCY DATA SUMMARY: *(cont.)*

MAP ID:	WELL ID:	LOCATION FROM SP:
DF482	0402910730	1/2 - 1 Mile NNE
DD483	0402910735	1/2 - 1 Mile NE
CN487	0403060540	1/2 - 1 Mile N
CS488	0402910668	1/2 - 1 Mile NNW
CV489	0402950808	1/2 - 1 Mile ENE
DC490	0403054684	1/2 - 1 Mile N
CU491	0403059023	1/2 - 1 Mile NNW
DH492	0403055335	1/2 - 1 Mile NE
DF493	0402910749	1/2 - 1 Mile NNE
DI494	0402942200	1/2 - 1 Mile ENE
CZ495	0402942201	1/2 - 1 Mile ENE
CU496	0403060539	1/2 - 1 Mile NNW
CW497	0403055495	1/2 - 1 Mile NNE
DA498	0403055330	1/2 - 1 Mile NNE
499	0402910640	1/2 - 1 Mile NNW
CW500	0403053922	1/2 - 1 Mile NNE
DI501	0402950810	1/2 - 1 Mile ENE
503	0402920932	1/2 - 1 Mile E
CU504	0403066750	1/2 - 1 Mile NNW
DJ505	0402910753	1/2 - 1 Mile NNE
CU506	0403066792	1/2 - 1 Mile N
DB507	0403054937	1/2 - 1 Mile NNE
DK508	0402954792	1/2 - 1 Mile E
DH509	0403055336	1/2 - 1 Mile NE
CV510	0402926747	1/2 - 1 Mile ENE
CU511	0403066794	1/2 - 1 Mile NNW
CT512	0402926854	1/2 - 1 Mile E
DB513	0402910743	1/2 - 1 Mile NNE
DB514	0403055489	1/2 - 1 Mile NNE
CV517	0402950805	1/2 - 1 Mile ENE
CT518	0402926745	1/2 - 1 Mile ENE
DC519	0403055040	1/2 - 1 Mile N
DK520	0402926855	1/2 - 1 Mile E
DL522	0402926746	1/2 - 1 Mile ENE
DJ523	0403053923	1/2 - 1 Mile NNE
CT524	0402962776	1/2 - 1 Mile E
DC525	0403054932	1/2 - 1 Mile N
DL526	0402950464	1/2 - 1 Mile ENE
DB527	0402910754	1/2 - 1 Mile NNE
DB528	0402910744	1/2 - 1 Mile NNE
CU529	0403066724	1/2 - 1 Mile NNW
CV530	0402922014	1/2 - 1 Mile ENE

SUBJECT NAME: Airport Commerce Center
ADDRESS: 1211 Petrol Rd, Bakersfield, CA, 93308
LAT/LONG: 35.444251 / -119.042525

PREPARED FOR: Cameron-Cole - Alameda
ORDER #: 105524
REPORT DATE: February 13, 2025



Map Id: 1
Direction: E
Distance: 0.000 mi., 0 ft.
Elevation: 598 ft.
Relative: Higher

Site Name : 0402910466
35.443825, -119.040054
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854901
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910466
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	P3100
Operator Name :	Phillips Petroleum Company
Lease Name :	Lease by Phillips Petroleum Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.443825
Longitude :	-119.040054
Last Date in Agency List :	2025-01-30

Map Id: 2
Direction: S
Distance: 0.000 mi., 0 ft.
Elevation: 573 ft.
Relative: Lower

Site Name : POLE
35.441378, -119.042839
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812281
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030088
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00093
Above Mean Sea Level Height (Feet) :	00666
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 26 28.96N
Longitude :	119 02 34.22W

Map Id: 3
Direction: WSW
Distance: 0.000 mi., 0 ft.
Elevation: 560 ft.
Relative: Lower

Site Name : 0402910465
35.441986, -119.046257
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208093
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910465
Well Status :	Plugged
Well Type :	Dry Hole
Operator Code :	P3100
Operator Name :	Phillips Petroleum Company
Lease Name :	Lease by Phillips Petroleum Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.441986
Longitude :	-119.046257
Last Date in Agency List :	2025-01-30

Map Id: 4
Direction: SW
Distance: 0.000 mi., 0 ft.
Elevation: 565 ft.
Relative: Lower

Site Name : UTILITY POLE
35.441394, -119.045131
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 904206
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2018-01-29
Action :	Add
FAA Study Number :	2015AWP07580OE
OBS Number :	06-155836
Obstacle Type :	UTILITY POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Unverified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00075
Above Mean Sea Level Height (Feet) :	00641
Horizontal Accuracy :	+-250'
Vertical Accuracy :	+-50'
Latitude :	35 26 29.02N
Longitude :	119 02 42.47W

Map Id: A5
Direction: SSE
Distance: 0.000 mi., 0 ft.
Elevation: 582 ft.
Relative: Lower

Site Name : POLE
35.441375, -119.040636
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814599
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030089
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00085
Above Mean Sea Level Height (Feet) :	00666
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 26 28.95N
Longitude :	119 02 26.29W

Map Id: B6
Direction: WSW
Distance: 0.000 mi., 0 ft.
Elevation: 553 ft.
Relative: Lower

Site Name : T-L TWR
35.441422, -119.047192
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 817507
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030160
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00090
Above Mean Sea Level Height (Feet) :	00642
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 26 29.12N
Longitude :	119 02 49.89W

Map Id: 7
Direction: W
Distance: 0.004 mi., 22 ft.
Elevation: 568 ft.
Relative: Lower

Site Name : 352645119025201 | USGS-352645119025201
35.444957, -119.047601
CA

Database(s) : [NWIS, WELLS - GAMA - CA]

Envirosite ID: 9207233
EPA ID: N/R

NWIS

Site Identification Number :	352645119025201
Site Type :	Well
Station Name :	028S027E34J001M
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Kern County
Country :	USA
Land Net Location :	NESES34 T28S R27E M
Name of Location Map :	KERN RIVER F2
Scale of Location Map :	63360
Altitude of Gage/Land Surface :	565.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Tulare Lake Bed
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNO
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	1945
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-Other GW Files :	YYNNNYNN
National Aquifer :	Central Valley aquifer system
Local Aquifer :	Alluvium of the Sierra Nevada, Younger (Pleistocene-Holocene)
Local Aquifer Type :	N/R
Well Depth :	854
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	1956-07-25
Water-Quality Data End Date :	1956-07-25
Water-Quality Data Count :	1
Field Water-Level Measurements Begin Date:	1960-10-04
Field Water-level Measurements End Date:	1960-10-04
Field Water-Level Measurements Count:	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	35.444957
Longitude :	-119.047601
Last Date in Agency List :	2024-12-02

WELLS - GAMA - CA

Well Details

Well ID :	USGS-352645119025201

Map Id: 7
Direction: W
Distance: 0.004 mi., 22 ft.
Elevation: 568 ft.
Relative: Lower

Site Name : 352645119025201 | USGS-352645119025201
35.444957, -119.047601
CA

Database(s) : [NWIS, WELLS - GAMA - CA] *(cont.)*

Envirosite ID: 9207233
EPA ID: N/R

WELLS - GAMA - CA *(cont.)*

Well Type :	Irrigation / Industrial
Well Depth (Ft.) :	854.0
Top of Screen (Ft.) :	N/R
Screen Length (Ft.) :	N/R
Source :	N/R
Data Source :	NWIS
Source Name :	USGS-352645119025201
Other Names :	N/R
Latitude :	35.4449573
Longitude :	-119.0476014
Last Date in Agency List :	2024-10-21

GM Chemicals

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your Envirosite account representative for a complimentary site report containing all of the details available.

Samp Collection Date :	1956-07-25
Chemical :	B (Boron) = 0.1 MG/L
CAS Number :	N/R
Reporting Limit :	N/R

Samp Collection Date :	1956-07-25
Chemical :	F (Fluoride) = 0.1 MG/L
CAS Number :	N/R
Reporting Limit :	N/R

Samp Collection Date :	1956-07-25
Chemical :	K (Potassium) = 2 MG/L
CAS Number :	N/R
Reporting Limit :	N/R

Samp Collection Date :	1956-07-25
Chemical :	HARD (Hardness) = 41 MG/L
CAS Number :	N/R
Reporting Limit :	N/R

Samp Collection Date :	1956-07-25
Chemical :	CL (Chloride) = 190 MG/L
CAS Number :	N/R
Reporting Limit :	N/R

Samp Collection Date :	1956-07-25
Chemical :	SC (Specific Conductivity) = 945 UMHOS/CM
CAS Number :	N/R
Reporting Limit :	N/R

Map Id: 7
Direction: W
Distance: 0.004 mi., 22 ft.
Elevation: 568 ft.
Relative: Lower

Site Name : 352645119025201 | USGS-352645119025201
35.444957, -119.047601
CA

Database(s) : [NWIS, WELLS - GAMA - CA] *(cont.)*

Envirosite ID: 9207233
EPA ID: N/R

WELLS - GAMA - CA *(cont.)*

Samp Collection Date : 1956-07-25
Chemical : CA (Calcium) = 16 MG/L
CAS Number : N/R
Reporting Limit : N/R

Samp Collection Date : 1956-07-25
Chemical : NA (Sodium) = 170 MG/L
CAS Number : N/R
Reporting Limit : N/R

Samp Collection Date : 1956-07-25
Chemical : MG (Magnesium) = 0.2 MG/L
CAS Number : N/R
Reporting Limit : N/R

Samp Collection Date : 1956-07-25
Chemical : PH (pH) = 8 PH UNITS
CAS Number : N/R
Reporting Limit : N/R

Source Details
Datum : NAD83
Well Depth (Ft.) : 854
Top of Screen (Ft.) : N/R
Screen Length (Ft.) : N/R
Latitude : 35.4449573
Longitude : -119.0476014

Source Chemicals
Samp Collection Date-Time : 1956-07-25
Chemical : Boron, water, filtered, micrograms per liter 100 ug/l
Analytical Method : N/R
Reporting Limit : N/R
Lab Note : N/R

Samp Collection Date-Time : 1956-07-25
Chemical : Fluoride, water, filtered, milligrams per liter 0.1 mg/l
Analytical Method : N/R
Reporting Limit : N/R
Lab Note : N/R

Samp Collection Date-Time : 1956-07-25
Chemical : Potassium, water, filtered, milligrams per liter 2 mg/l
Analytical Method : N/R
Reporting Limit : N/R
Lab Note : N/R

Map Id: 7
Direction: W
Distance: 0.004 mi., 22 ft.
Elevation: 568 ft.
Relative: Lower

Site Name : 352645119025201 | USGS-352645119025201
35.444957, -119.047601
CA

Database(s) : [NWIS, WELLS - GAMA - CA] *(cont.)*

Envirosite ID: 9207233
EPA ID: N/R

WELLS - GAMA - CA *(cont.)*

Samp Collection Date-Time :	1956-07-25
Chemical :	Hardness, water, milligrams per liter as calcium carbonate 41 mg/l CaCO3
Analytical Method :	N/R
Reporting Limit :	N/R
Lab Note :	N/R
Samp Collection Date-Time :	1956-07-25
Chemical :	Chloride, water, filtered, milligrams per liter 190 mg/l
Analytical Method :	N/R
Reporting Limit :	N/R
Lab Note :	N/R
Samp Collection Date-Time :	1956-07-25
Chemical :	Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius 945 uS/cm @25C
Analytical Method :	N/R
Reporting Limit :	N/R
Lab Note :	N/R
Samp Collection Date-Time :	1956-07-25
Chemical :	Calcium, water, filtered, milligrams per liter 16 mg/l
Analytical Method :	N/R
Reporting Limit :	N/R
Lab Note :	N/R
Samp Collection Date-Time :	1956-07-25
Chemical :	Sodium, water, filtered, milligrams per liter 170 mg/l
Analytical Method :	N/R
Reporting Limit :	N/R
Lab Note :	N/R
Samp Collection Date-Time :	1956-07-25
Chemical :	Magnesium, water, filtered, milligrams per liter 0.2 mg/l
Analytical Method :	N/R
Reporting Limit :	N/R
Lab Note :	N/R
Samp Collection Date-Time :	1956-07-25
Chemical :	pH, water, unfiltered, field, standard units 8 std units
Analytical Method :	N/R
Reporting Limit :	N/R
Lab Note :	N/R

Map Id: 7
Direction: W
Distance: 0.004 mi., 22 ft.
Elevation: 568 ft.
Relative: Lower

Site Name : 352645119025201 | USGS-352645119025201
35.444957, -119.047601
CA

Database(s) : [NWIS, WELLS - GAMA - CA] *(cont.)*

Envirosite ID: 9207233
EPA ID: N/R

WELLS - GAMA - CA *(cont.)*

Well Details

Well ID :	352645119025201
Well Type :	IRRIGATION / INDUSTRIAL
Well Depth (Ft.) :	854.0
Top of Screen (Ft.) :	N/R
Screen Length (Ft.) :	N/R
Source :	N/R
Data Source :	NWIS
Source Name :	352645119025201
Other Names :	N/R
Latitude :	35.4449573
Longitude :	-119.0476014
Last Date in Agency List :	2023-08-08

GM Chemicals

Samp Collection Date :	1956-07-25
Chemical :	PH (pH) 8 PH UNITS
CAS Number :	N/R
Reporting Limit :	N/R
Samp Collection Date :	1956-07-25
Chemical :	NA (Sodium) 170 MG/L
CAS Number :	N/R
Reporting Limit :	N/R
Samp Collection Date :	1956-07-25
Chemical :	F (Fluoride) .1 MG/L
CAS Number :	N/R
Reporting Limit :	N/R
Samp Collection Date :	1956-07-25
Chemical :	TDS (Total Dissolved Solids) 525 MG/L
CAS Number :	N/R
Reporting Limit :	N/R
Samp Collection Date :	1956-07-25
Chemical :	SO4 (Sulfate) 78 MG/L
CAS Number :	N/R
Reporting Limit :	N/R
Samp Collection Date :	1956-07-25
Chemical :	NO3N (Nitrate as N) .136 MG/L
CAS Number :	N/R
Reporting Limit :	N/R
Samp Collection Date :	1956-07-25
Chemical :	CO3 (carbonate CO3) 0 MG/L
CAS Number :	N/R

Map Id: 7
Direction: W
Distance: 0.004 mi., 22 ft.
Elevation: 568 ft.
Relative: Lower

Site Name : 352645119025201 | USGS-352645119025201
35.444957, -119.047601
CA

Database(s) : [NWIS, WELLS - GAMA - CA] *(cont.)*

Envirosite ID: 9207233
EPA ID: N/R

WELLS - GAMA - CA *(cont.)*

Reporting Limit : N/R

Samp Collection Date : 1956-07-25
Chemical : ALK (Alkalinity, total) 72 MG/L
CAS Number : N/R
Reporting Limit : N/R

Samp Collection Date : 1956-07-25
Chemical : K (Potassium) 2 MG/L
CAS Number : N/R
Reporting Limit : N/R

Samp Collection Date : 1956-07-25
Chemical : NO3N (Nitrate as N) .1 MG/L
CAS Number : N/R
Reporting Limit : N/R

Source Details
Datum : NAD83
Well Depth (Ft.) : 854
Top of Screen (Ft.) : N/R
Screen Length (Ft.) : N/R
Latitude : 35.4449573
Longitude : -119.0476014

Source Chemicals
Samp Collection Date-Time : 1956-07-25
Chemical : pH, water, unfiltered, field, standard units 8 std units
Analytical Method : N/R
Reporting Limit : N/R
Lab Note : N/R

Samp Collection Date-Time : 1956-07-25
Chemical : Sodium, water, filtered, milligrams per liter 170 mg/l
Analytical Method : N/R
Reporting Limit : N/R
Lab Note : N/R

Samp Collection Date-Time : 1956-07-25
Chemical : Fluoride, water, filtered, milligrams per liter .1 mg/l
Analytical Method : N/R
Reporting Limit : N/R
Lab Note : N/R

Samp Collection Date-Time : 1956-07-25

Map Id: 7
Direction: W
Distance: 0.004 mi., 22 ft.
Elevation: 568 ft.
Relative: Lower

Site Name : 352645119025201 | USGS-352645119025201
35.444957, -119.047601
CA

Database(s) : [NWIS, WELLS - GAMA - CA] *(cont.)*

Envirosite ID: 9207233
EPA ID: N/R

WELLS - GAMA - CA *(cont.)*

Chemical : Dissolved solids, water, filtered, sum of constituents, milligrams per liter 525 mg/l

Analytical Method : N/R
Reporting Limit : N/R
Lab Note : N/R

Samp Collection Date-Time : 1956-07-25
Chemical : Sulfate, water, filtered, milligrams per liter 78 mg/l
Analytical Method : N/R
Reporting Limit : N/R
Lab Note : N/R

Samp Collection Date-Time : 1956-07-25
Chemical : Nitrate, water, unfiltered, milligrams per liter as nitrogen .136 mg/l as N
Analytical Method : ALGOR
Reporting Limit : N/R
Lab Note : N/R

Samp Collection Date-Time : 1956-07-25

Chemical : Carbonate, water, unfiltered, fixed endpoint (pH 8.3) titration, field, milligrams per liter 0 mg/l

Analytical Method : N/R
Reporting Limit : N/R
Lab Note : N/R

Samp Collection Date-Time : 1956-07-25

Chemical : Acid neutralizing capacity, water, unfiltered, fixed endpoint (pH 4.5) titration, field, milligrams per liter as calcium carbonate 72 mg/l CaCO3

Analytical Method : N/R
Reporting Limit : N/R
Lab Note : N/R

Samp Collection Date-Time : 1956-07-25
Chemical : Potassium, water, filtered, milligrams per liter 2 mg/l
Analytical Method : N/R
Reporting Limit : N/R
Lab Note : N/R

Samp Collection Date-Time : 1956-07-25
Chemical : Nitrate, water, unfiltered, milligrams per liter as nitrate .6 mg/l asNO3
Analytical Method : N/R
Reporting Limit : N/R
Lab Note : N/R

Map Id: 8
Direction: ENE
Distance: 0.012 mi., 65 ft.
Elevation: 619 ft.
Relative: Higher

Site Name : UTILITY POLE
35.446703, -119.038625
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 56825747
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2024-03-14
Action :	Add
FAA Study Number :	2017AWP04465OE
OBS Number :	06-308364
Obstacle Type :	UTILITY POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Unverified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00039
Above Mean Sea Level Height (Feet) :	00658
Horizontal Accuracy :	+-250'
Vertical Accuracy :	+-50'
Latitude :	35 26 48.13N
Longitude :	119 02 19.05W

Map Id: A9
Direction: SE
Distance: 0.021 mi., 112 ft.
Elevation: 585 ft.
Relative: Lower

Site Name : 352629119022001
35.441346, -119.039823
CA
Database(s) : [NWIS]

Envirosite ID: 9207199
EPA ID: N/R

NWIS

Site Identification Number :	352629119022001
Site Type :	Well
Station Name :	029S027E02A001M
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Kern County
Country :	USA
Land Net Location :	SESWS35 T28S R27E M
Name of Location Map :	KERN RIVER F2
Scale of Location Map :	63360
Altitude of Gage/Land Surface :	578.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Tulare Lake Bed
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNO
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R

Map Id: A9
Direction: SE
Distance: 0.021 mi., 112 ft.
Elevation: 585 ft.
Relative: Lower

Site Name : 352629119022001
35.441346, -119.039823
CA

Database(s) : [NWIS] *(cont.)*

Envirosite ID: 9207199
EPA ID: N/R

NWIS *(cont.)*

Data Reliability :	Unchecked data.
Data-Other GW Files :	YYNNNYNN
National Aquifer :	Central Valley aquifer system
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Measurements Begin Date:	1960-01-30
Field Water-level Measurements End Date:	1960-01-30
Field Water-Level Measurements Count:	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	35.441346
Longitude :	-119.039823
Last Date in Agency List :	2024-12-02

Map Id: 10
Direction: NE
Distance: 0.022 mi., 116 ft.
Elevation: 627 ft.
Relative: Higher

Site Name : POLE
35.448353, -119.038419
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 813762
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030093
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00042
Above Mean Sea Level Height (Feet) :	00669
Horizontal Accuracy :	+-50'

Map Id: 10
Direction: NE
Distance: 0.022 mi., 116 ft.
Elevation: 627 ft.
Relative: Higher

Site Name : POLE
35.448353, -119.038419
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE] *(cont.)*

Envirosite ID: 813762
EPA ID: N/R

DIGITAL OBSTACLE *(cont.)*

Vertical Accuracy :	+-20'
Latitude :	35 26 54.07N
Longitude :	119 02 18.31W

Map Id: B11
Direction: SW
Distance: 0.041 mi., 217 ft.
Elevation: 550 ft.
Relative: Lower

Site Name : 0402930958
35.440762, -119.047256
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10320851
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402930958
Well Status :	Plugged
Well Type :	Dry Hole
Operator Code :	04702
Operator Name :	John H. Marion
Lease Name :	Schneider
Field Name :	Any Field
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 02, TWP 29S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.440762
Longitude :	-119.047256
Last Date in Agency List :	2025-01-30

Map Id: 12
Direction: WNW
Distance: 0.043 mi., 226 ft.
Elevation: 576 ft.
Relative: Lower

Site Name : STACK
35.445556, -119.046667
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 818737
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2014-06-01
Action :	Change
FAA Study Number :	N/R
OBS Number :	06-001383
Obstacle Type :	STACK

Map Id: 12
Direction: WNW
Distance: 0.043 mi., 226 ft.
Elevation: 576 ft.
Relative: Lower

Site Name : STACK
35.445556, -119.046667
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE] *(cont.)*

Envirosite ID: 818737
EPA ID: N/R

DIGITAL OBSTACLE *(cont.)*

City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Verified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00111
Above Mean Sea Level Height (Feet) :	00684
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-10'
Latitude :	35 26 44.00N
Longitude :	119 02 48.00W

Map Id: 13
Direction: SE
Distance: 0.052 mi., 274 ft.
Elevation: 589 ft.
Relative: Lower

Site Name : POLE
35.441364, -119.038419
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 822077
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030090
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00085
Above Mean Sea Level Height (Feet) :	00674
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 26 28.91N
Longitude :	119 02 18.31W

Map Id: 14
Direction: WSW
Distance: 0.081 mi., 428 ft.
Elevation: 549 ft.
Relative: Lower

Site Name : 352630119025301
35.441624, -119.04899
CA

Database(s) : [NWIS]

Envirosite ID: 9207840
EPA ID: N/R

NWIS

Site Identification Number :	352630119025301
Site Type :	Well
Station Name :	029S027E02C001M
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Kern County
Country :	USA
Land Net Location :	SESES34 T28S R27E M
Name of Location Map :	KERN RIVER F2
Scale of Location Map :	63360
Altitude of Gage/Land Surface :	384.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Tulare Lake Bed
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-Other GW Files :	YYNNNNNN
National Aquifer :	Central Valley aquifer system
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	1000
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Measurements Begin Date:	N/R
Field Water-level Measurements End Date:	N/R
Field Water-Level Measurements Count:	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	35.441624
Longitude :	-119.04899
Last Date in Agency List :	2024-12-02

Map Id: 15
Direction: NE
Distance: 0.136 mi., 717 ft.
Elevation: 639 ft.
Relative: Higher

Site Name : POLE
35.448467, -119.036392
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812296
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030095
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00043
Above Mean Sea Level Height (Feet) :	00682
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 26 54.48N
Longitude :	119 02 11.01W

Map Id: 16
Direction: NNW
Distance: 0.146 mi., 774 ft.
Elevation: 604 ft.
Relative: Higher

Site Name : 0402910464
35.450054, -119.04425
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208091
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910464
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	P3100
Operator Name :	Phillips Petroleum Company
Lease Name :	Lease by Phillips Petroleum Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.450054
Longitude :	-119.04425
Last Date in Agency List :	2025-01-30

Map Id: C17
Direction: W
Distance: 0.147 mi., 775 ft.
Elevation: 550 ft.
Relative: Lower

Site Name : T-L TWR
35.443672, -119.050147
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 821689
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030169
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00121
Above Mean Sea Level Height (Feet) :	00670
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 26 37.22N
Longitude :	119 03 00.53W

Map Id: C18
Direction: W
Distance: 0.147 mi., 775 ft.
Elevation: 550 ft.
Relative: Lower

Site Name : T-L TWR
35.443681, -119.050147
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 809108
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030161
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00120
Above Mean Sea Level Height (Feet) :	00669
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 26 37.25N
Longitude :	119 03 00.53W

Map Id: 19
Direction: NE
Distance: 0.152 mi., 801 ft.
Elevation: 643 ft.
Relative: Higher

Site Name : POLE
35.450367, -119.037444
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812308
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030097
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00036
Above Mean Sea Level Height (Feet) :	00679
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 01.32N
Longitude :	119 02 14.80W

Map Id: D20
Direction: ESE
Distance: 0.160 mi., 844 ft.
Elevation: 596 ft.
Relative: Higher

Site Name : POLE
35.441361, -119.036206
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812427
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030091
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00074
Above Mean Sea Level Height (Feet) :	00670
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 26 28.90N
Longitude :	119 02 10.34W

Map Id: D21
Direction: ESE
Distance: 0.161 mi., 852 ft.
Elevation: 597 ft.
Relative: Higher

Site Name : T-L TWR
35.441375, -119.036175
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 821688
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030157
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00076
Above Mean Sea Level Height (Feet) :	00672
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 26 28.95N
Longitude :	119 02 10.23W

Map Id: 22
Direction: E
Distance: 0.181 mi., 954 ft.
Elevation: 618 ft.
Relative: Higher

Site Name : TANK
35.444294, -119.035683
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 818268
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030164
Obstacle Type :	TANK
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00049
Above Mean Sea Level Height (Feet) :	00666
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 26 39.46N
Longitude :	119 02 08.46W

Map Id: E23
Direction: NNE
Distance: 0.203 mi., 1070 ft.
Elevation: 646 ft.
Relative: Higher

Site Name : POLE
35.451383, -119.038342
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812506
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030098
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00038
Above Mean Sea Level Height (Feet) :	00683
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 04.98N
Longitude :	119 02 18.03W

Map Id: 24
Direction: NE
Distance: 0.218 mi., 1149 ft.
Elevation: 650 ft.
Relative: Higher

Site Name : BLDG
35.449319, -119.035081
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 801294
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030054
Obstacle Type :	BLDG
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00019
Above Mean Sea Level Height (Feet) :	00668
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 26 57.55N
Longitude :	119 02 06.29W

Map Id: 25
Direction: NW
Distance: 0.226 mi., 1196 ft.
Elevation: 590 ft.
Relative: Higher

Site Name : 0402910463
35.449337, -119.046364
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10207962
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910463
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	P3100
Operator Name :	Phillips Petroleum Company
Lease Name :	Lease by Phillips Petroleum Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.449337
Longitude :	-119.046364
Last Date in Agency List :	2025-01-30

Map Id: 26
Direction: SSW
Distance: 0.228 mi., 1202 ft.
Elevation: 550 ft.
Relative: Lower

Site Name : BLDG
35.438064, -119.044017
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 37112075
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2020-02-19
Action :	Add
FAA Study Number :	2019AWP04950OE
OBS Number :	06-229454
Obstacle Type :	BLDG
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Unverified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00054
Above Mean Sea Level Height (Feet) :	00588
Horizontal Accuracy :	+-250'
Vertical Accuracy :	+-50'
Latitude :	35 26 17.03N
Longitude :	119 02 38.46W

Map Id: 27
Direction: N
Distance: 0.239 mi., 1261 ft.
Elevation: 623 ft.
Relative: Higher

Site Name : T-L TWR
35.451956, -119.041942
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 817231
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030174
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00082
Above Mean Sea Level Height (Feet) :	00704
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 07.04N
Longitude :	119 02 30.99W

Map Id: E28
Direction: NNE
Distance: 0.239 mi., 1262 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : T-L TWR
35.451939, -119.039428
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 817854
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2017-11-02
Action :	Change
FAA Study Number :	2015AWP10488OE
OBS Number :	06-030162
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Verified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00094
Above Mean Sea Level Height (Feet) :	00730
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-50'
Latitude :	35 27 06.98N
Longitude :	119 02 21.94W

Map Id: E29
Direction: NNE
Distance: 0.246 mi., 1298 ft.
Elevation: 649 ft.
Relative: Higher

Site Name : POLE
35.452022, -119.038497
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812494
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030103
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00018
Above Mean Sea Level Height (Feet) :	00667
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 07.28N
Longitude :	119 02 18.59W

Map Id: 30
Direction: NW
Distance: 0.246 mi., 1299 ft.
Elevation: 585 ft.
Relative: Lower

Site Name : UTILITY POLE
35.448497, -119.047175
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 1014102
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2019-07-23
Action :	Add
FAA Study Number :	2018AWP18249OE
OBS Number :	06-221648
Obstacle Type :	UTILITY POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Unverified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00039
Above Mean Sea Level Height (Feet) :	00623
Horizontal Accuracy :	+-250'
Vertical Accuracy :	+-50'
Latitude :	35 26 54.59N
Longitude :	119 02 49.83W

Map Id: 31
Direction: N
Distance: 0.250 mi., 1323 ft.
Elevation: 616 ft.
Relative: Higher

Site Name : T-L TWR
35.451967, -119.043792
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 809551
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030172
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00068
Above Mean Sea Level Height (Feet) :	00683
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 07.08N
Longitude :	119 02 37.65W

Map Id: 32
Direction: NE
Distance: 0.266 mi., 1402 ft.
Elevation: 656 ft.
Relative: Higher

Site Name : T-L TWR
35.451928, -119.036736
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 818162
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030177
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00101
Above Mean Sea Level Height (Feet) :	00756
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 06.94N
Longitude :	119 02 12.25W

Map Id: F33
Direction: NE
Distance: 0.270 mi., 1428 ft.
Elevation: 656 ft.
Relative: Higher

Site Name : POLE
35.451075, -119.035214
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 813765
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030107
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00028
Above Mean Sea Level Height (Feet) :	00683
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 03.87N
Longitude :	119 02 06.77W

Map Id: 34
Direction: ESE
Distance: 0.283 mi., 1492 ft.
Elevation: 602 ft.
Relative: Higher

Site Name : POLE
35.441353, -119.033981
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 822076
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030092
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00069
Above Mean Sea Level Height (Feet) :	00670
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 26 28.87N
Longitude :	119 02 02.33W

Map Id: 35
Direction: NNW
Distance: 0.283 mi., 1495 ft.
Elevation: 609 ft.
Relative: Higher

Site Name : T-L TWR
35.451969, -119.045156
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 809537
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030171
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00063
Above Mean Sea Level Height (Feet) :	00671
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 07.09N
Longitude :	119 02 42.56W

Map Id: F36
Direction: NE
Distance: 0.285 mi., 1506 ft.
Elevation: 658 ft.
Relative: Higher

Site Name : T-L TWR
35.451203, -119.035006
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 823290
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2017-06-02
Action :	Add
FAA Study Number :	2015AWP07776OE
OBS Number :	06-040299
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Unverified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00039
Above Mean Sea Level Height (Feet) :	00698
Horizontal Accuracy :	+-250'
Vertical Accuracy :	+-50'
Latitude :	35 27 04.33N
Longitude :	119 02 06.02W

Map Id: E37
Direction: NNE
Distance: 0.292 mi., 1541 ft.
Elevation: 656 ft.
Relative: Higher

Site Name : BLDG
35.452669, -119.038211
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 801210
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030055
Obstacle Type :	BLDG
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00018
Above Mean Sea Level Height (Feet) :	00673
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 09.61N
Longitude :	119 02 17.56W

Map Id: 38
Direction: WNW
Distance: 0.294 mi., 1554 ft.
Elevation: 554 ft.
Relative: Lower

Site Name : BLDG
35.447222, -119.051944
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 37093769
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2020-01-16
Action :	Add
FAA Study Number :	2018AWP11568OE
OBS Number :	06-229329
Obstacle Type :	BLDG
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Unverified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00075
Above Mean Sea Level Height (Feet) :	00635
Horizontal Accuracy :	+-250'
Vertical Accuracy :	+-50'
Latitude :	35 26 50.00N
Longitude :	119 03 07.00W

Map Id: 39
Direction: ENE
Distance: 0.314 mi., 1659 ft.
Elevation: 659 ft.
Relative: Higher

Site Name : POLE
35.450072, -119.033581
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814072
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030110
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00039
Above Mean Sea Level Height (Feet) :	00697
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 00.26N
Longitude :	119 02 00.89W

Map Id: G40
Direction: NNW
Distance: 0.337 mi., 1781 ft.
Elevation: 600 ft.
Relative: Higher

Site Name : T-L TWR
35.451964, -119.0467
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 811081
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030154
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00066
Above Mean Sea Level Height (Feet) :	00665
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 27 07.07N
Longitude :	119 02 48.12W

Map Id: G41
Direction: NNW
Distance: 0.340 mi., 1797 ft.
Elevation: 599 ft.
Relative: Higher

Site Name : T-L TWR
35.451975, -119.046764
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 811084
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030170
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00072
Above Mean Sea Level Height (Feet) :	00671
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 07.11N
Longitude :	119 02 48.35W

Map Id: 42
Direction: NE
Distance: 0.345 mi., 1823 ft.
Elevation: 664 ft.
Relative: Higher

Site Name : 352709119020301
35.452457, -119.035101
CA
Database(s) : [NWIS]

Envirosite ID: 9207295
EPA ID: N/R

NWIS

Site Identification Number :	352709119020301
Site Type :	Well
Station Name :	028S027E35G002M
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Kern County
Country :	USA
Land Net Location :	NWNES35 T28S R27E M
Name of Location Map :	KERN RIVER F2
Scale of Location Map :	63360
Altitude of Gage/Land Surface :	660.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Tulare Lake Bed
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R

Map Id: 42
Direction: NE
Distance: 0.345 mi., 1823 ft.
Elevation: 664 ft.
Relative: Higher

Site Name : 352709119020301
35.452457, -119.035101
CA

Database(s) : [NWIS] *(cont.)*

Envirosite ID: 9207295
EPA ID: N/R

NWIS *(cont.)*

Data Reliability :	Unchecked data.
Data-Other GW Files :	YNNNNNNN
National Aquifer :	Central Valley aquifer system
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Measurements Begin Date:	N/R
Field Water-level Measurements End Date:	N/R
Field Water-Level Measurements Count:	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	35.452457
Longitude :	-119.035101
Last Date in Agency List :	2024-12-02

Map Id: H43
Direction: ENE
Distance: 0.353 mi., 1865 ft.
Elevation: 658 ft.
Relative: Higher

Site Name : T-L TWR
35.449497, -119.032658
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 819170
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2016-12-09
Action :	Add
FAA Study Number :	2016AWP10948OE
OBS Number :	06-039634
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Unverified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00041
Above Mean Sea Level Height (Feet) :	00699
Horizontal Accuracy :	+-250'

Map Id: H43
Direction: ENE
Distance: 0.353 mi., 1865 ft.
Elevation: 658 ft.
Relative: Higher

Site Name : T-L TWR
35.449497, -119.032658
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE] *(cont.)*

Envirosite ID: 819170
EPA ID: N/R

DIGITAL OBSTACLE *(cont.)*

Vertical Accuracy :	+-50'
Latitude :	35 26 58.19N
Longitude :	119 01 57.57W

Map Id: H44
Direction: ENE
Distance: 0.361 mi., 1908 ft.
Elevation: 660 ft.
Relative: Higher

Site Name : T-L TWR
35.44975, -119.032581
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 818024
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2017-03-30
Action :	Add
FAA Study Number :	2015AWP09187OE
OBS Number :	06-040132
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Unverified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00039
Above Mean Sea Level Height (Feet) :	00699
Horizontal Accuracy :	+-250'
Vertical Accuracy :	+-50'
Latitude :	35 26 59.10N
Longitude :	119 01 57.29W

Map Id: I45
Direction: NE
Distance: 0.362 mi., 1909 ft.
Elevation: 667 ft.
Relative: Higher

Site Name : TOWER
35.452075, -119.034144
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812793
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2017-03-10
Action :	Add
FAA Study Number :	2015AWP05869OE
OBS Number :	06-040005
Obstacle Type :	TOWER
City Name :	BAKERSFIELD

Map Id: I45
Direction: NE
Distance: 0.362 mi., 1909 ft.
Elevation: 667 ft.
Relative: Higher

Site Name : TOWER
35.452075, -119.034144
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE] *(cont.)*

Envirosite ID: 812793
EPA ID: N/R

DIGITAL OBSTACLE *(cont.)*

State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Red
Verification Status :	Unverified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00080
Above Mean Sea Level Height (Feet) :	00742
Horizontal Accuracy :	+-250'
Vertical Accuracy :	+-50'
Latitude :	35 27 07.47N
Longitude :	119 02 02.92W

Map Id: I46
Direction: NE
Distance: 0.369 mi., 1951 ft.
Elevation: 668 ft.
Relative: Higher

Site Name : T-L TWR
35.451919, -119.033783
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 811080
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030180
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00103
Above Mean Sea Level Height (Feet) :	00771
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 06.91N
Longitude :	119 02 01.62W

Map Id: 47
Direction: NNE
Distance: 0.382 mi., 2016 ft.
Elevation: 664 ft.
Relative: Higher

Site Name : POLE
35.454, -119.039019
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812227
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030108
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00041
Above Mean Sea Level Height (Feet) :	00704
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 14.40N
Longitude :	119 02 20.47W

Map Id: 48
Direction: E
Distance: 0.395 mi., 2088 ft.
Elevation: 612 ft.
Relative: Higher

Site Name : TOWER
35.442406, -119.031908
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812575
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2011-08-01
Action :	Add
FAA Study Number :	2010AWP06506OE
OBS Number :	06-021603
Obstacle Type :	TOWER
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Red
Verification Status :	Verified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00103
Above Mean Sea Level Height (Feet) :	00714
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 26 32.66N
Longitude :	119 01 54.87W

Map Id: H49
Direction: ENE
Distance: 0.396 mi., 2089 ft.
Elevation: 660 ft.
Relative: Higher

Site Name : T-L TWR
35.449439, -119.031878
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 823289
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2017-06-05
Action :	Add
FAA Study Number :	2015AWP09186OE
OBS Number :	06-040313
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Unverified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00039
Above Mean Sea Level Height (Feet) :	00699
Horizontal Accuracy :	+-250'
Vertical Accuracy :	+-50'
Latitude :	35 26 57.98N
Longitude :	119 01 54.76W

Map Id: 50
Direction: ESE
Distance: 0.406 mi., 2144 ft.
Elevation: 605 ft.
Relative: Higher

Site Name : POLE
35.44135, -119.031772
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812109
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030094
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00085
Above Mean Sea Level Height (Feet) :	00689
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 26 28.86N
Longitude :	119 01 54.38W

Map Id: H51
Direction: ENE
Distance: 0.412 mi., 2178 ft.
Elevation: 657 ft.
Relative: Higher

Site Name : 352656119015001
35.448846, -119.03149
CA

Database(s) : [NWIS]

Envirosite ID: 9210443
EPA ID: N/R

NWIS

Site Identification Number :	352656119015001
Site Type :	Well
Station Name :	028S027E35J001M
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Kern County
Country :	USA
Land Net Location :	SENES35 T28S R27E M
Name of Location Map :	KERN RIVER F2
Scale of Location Map :	63360
Altitude of Gage/Land Surface :	652.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Tulare Lake Bed
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNO
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-Other GW Files :	YYYNNYNN
National Aquifer :	Central Valley aquifer system
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	787
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Measurements Begin Date:	1960-10-04
Field Water-level Measurements End Date:	1960-10-04
Field Water-Level Measurements Count:	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	35.448846
Longitude :	-119.03149
Last Date in Agency List :	2024-12-02

Map Id: J52
Direction: N
Distance: 0.422 mi., 2230 ft.
Elevation: 649 ft.
Relative: Higher

Site Name : POLE
35.454603, -119.040875
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812652
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030105
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00021
Above Mean Sea Level Height (Feet) :	00670
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 16.57N
Longitude :	119 02 27.15W

Map Id: J53
Direction: N
Distance: 0.427 mi., 2253 ft.
Elevation: 652 ft.
Relative: Higher

Site Name : POLE
35.454664, -119.040644
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814280
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030106
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00019
Above Mean Sea Level Height (Feet) :	00671
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 16.79N
Longitude :	119 02 26.32W

Map Id: K54
Direction: NE
Distance: 0.441 mi., 2330 ft.
Elevation: 675 ft.
Relative: Higher

Site Name : 0402910680
35.45285, -119.033096
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854795
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910680
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C5640
Operator Name :	Chevron U.S.A. Inc.
Lease Name :	State
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.45285
Longitude :	-119.033096
Last Date in Agency List :	2025-01-30

Map Id: 55
Direction: NNE
Distance: 0.448 mi., 2367 ft.
Elevation: 667 ft.
Relative: Higher

Site Name : 0402910681
35.454968, -119.03968
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773514
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910681
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C5640
Operator Name :	Chevron U.S.A. Inc.
Lease Name :	State
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.454968
Longitude :	-119.03968
Last Date in Agency List :	2025-01-30

Map Id: 56
Direction: WSW
Distance: 0.449 mi., 2369 ft.
Elevation: 511 ft.
Relative: Lower

Site Name : MEADOWS FIELD AIRPORT | DAL GLOBAL SERVICES LLC BFL | ENTERPRISE RENT A CAR
3701 WINGS WAY | 3701 WINGS WAY SUITE 300 | 3701 WINGS WAY STE 233
BAKERSFIELD | Bakersfield, CA
Database(s) : [PWS, PWS ENF]

Envirosite ID: 451601
EPA ID: N/R

PWS

Facility Address :	3701 WINGS WAY SUITE 300, BAKERSFIELD, CA 93308
PWS ID :	CA1502327
PWS Type :	Transient non-community system
PWS Name :	KERN VALLEY AIRPORT
Activity Status :	Active
Primary Source :	Ground water
Submission Year :	2024
Submission Year Quarter :	2024Q1
Population Served Count :	2,507
Service Connections Count :	3
Population Category 2 :	<10,000
Population Category 3 :	<=3300
Population Category 4 :	<10K
Population Category 5 :	501-3,300
Population Category 11 :	1,001-3,300
Submission Quarter :	1
Submission Status Code :	Y
First Reported Date :	1979-03-22
Last Reported Date :	2024-02-15
Deactivation Date :	N/R
GW or SW :	Groundwater
Is Grant Eligible :	Y
Is Outstanding Performer :	N/R
Is School or Daycare :	N
Is Source Water Protected :	N/R
Primacy Agency :	California
Primacy Type :	State
Org Name :	BREWSTER, RON
EPA Region :	Region 9
Admin Name :	BREWSTER, RON
Owner Type :	Private
Phone Number :	661-391-1800
Phone Ext Number :	N/R
Alt Phone Number :	N/R
Email Address :	brewsterr@co.kern.ca.us
Fax Number :	N/R
Is Wholesaler :	N
LT2 Schedule Category :	N/R
NPM Candidate :	Y
CDS ID :	N/R
DBPR Schedule Category :	N/R
Outstanding Performer Date :	N/R
Season Begin Date :	01-01
Season End Date :	12-31
Source Water Protection Date :	N/R
Seasonal Startup System :	N/R
Reduced Monitoring Begin Date :	N/R
Reduced Monitoring End Date :	N/R
Reduced RTCR Monitoring :	N/R
Last Date in Agency List :	2024-08-16

Map Id: 56
Direction: WSW
Distance: 0.449 mi., 2369 ft.
Elevation: 511 ft.
Relative: Lower

Site Name : MEADOWS FIELD AIRPORT | DAL GLOBAL SERVICES LLC BFL | ENTERPRISE RENT A CAR
3701 WINGS WAY | 3701 WINGS WAY SUITE 300 | 3701 WINGS WAY STE 233
BAKERSFIELD | Bakersfield, CA

Database(s) : [PWS, PWS ENF] *(cont.)*

Envirosite ID: 451601
EPA ID: N/R

PWS ENF

Facility Address : 3701 WINGS WAY SUITE 300, BAKERSFIELD, CA 93308

Site Details

PWS ID :	CA1502327
PWS Name :	KERN VALLEY AIRPORT
EPA Region :	Region 9
Primacy Agency :	California
PWS Type :	Transient non-community system
Primacy Type :	State
Primary Source :	Ground water
Activity Status :	Active
Deactivation Date :	N/R
Owner Type :	Private
Phone Number :	661-391-1800
Last Date in Agency List :	2024-08-27

Violation Details

RTC Enforcement ID :	N/R
Violation ID :	8461737
Submission Year :	2024
Violation First Reported Date :	1984-09-30
Contaminant Name :	N/R
Rule Family :	Miscellaneous Other Rules
Rule Group :	Other
Rule Name :	Miscellaneous Other Rules
Violation Type :	Notification, Public
Is Health Based :	N
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	3
Address Line 1 :	3701 WINGS WAY, BAKERSFIELD, 93308
Address Line 2 :	SUITE 300
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	N/R
Admin Name :	BREWSTER, RON
Email Address :	brewsterr@co.kern.ca.us

RTC Enforcement ID :	2
Violation ID :	1
Submission Year :	2024
Violation First Reported Date :	2018-11-15
Contaminant Name :	Nitrate
Rule Family :	Inorganic Chemicals
Rule Group :	Chemicals
Rule Name :	Nitrate Rule
Violation Type :	Maximum Contaminant Level Violation, Single Sample
Is Health Based :	Y
Is Major Violation :	N/R

Map Id: 56
Direction: WSW
Distance: 0.449 mi., 2369 ft.
Elevation: 511 ft.
Relative: Lower

Site Name : MEADOWS FIELD AIRPORT | DAL GLOBAL SERVICES LLC BFL | ENTERPRISE RENT A CAR
3701 WINGS WAY | 3701 WINGS WAY SUITE 300 | 3701 WINGS WAY STE 233
BAKERSFIELD | Bakersfield, CA

Database(s) : [PWS, PWS ENF] *(cont.)*

Envirosite ID: 451601
EPA ID: N/R

PWS ENF *(cont.)*

Severity Indicator Count :	N/R
Public Notification Tier :	1
Address Line 1 :	3701 WINGS WAY, BAKERSFIELD, 93308
Address Line 2 :	SUITE 300
Compliance Status :	Returned to Compliance
RTC Date :	2020-06-30
Enforcement Action Description :	State Compliance achieved
Admin Name :	BREWSTER, RON
Email Address :	brewsterr@co.kern.ca.us

Map Id: K57
Direction: NE
Distance: 0.450 mi., 2377 ft.
Elevation: 675 ft.
Relative: Higher

Site Name : 0402910679
35.453037, -119.033096
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773512
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910679
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C5640
Operator Name :	Chevron U.S.A. Inc.
Lease Name :	State
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.453037
Longitude :	-119.033096
Last Date in Agency List :	2025-01-30

Map Id: 58
Direction: N
Distance: 0.460 mi., 2429 ft.
Elevation: 635 ft.
Relative: Higher

Site Name : TANK
35.45515, -119.042989
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 819435
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030176
Obstacle Type :	TANK
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00048
Above Mean Sea Level Height (Feet) :	00682
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 18.54N
Longitude :	119 02 34.76W

Map Id: L59
Direction: SSE
Distance: 0.462 mi., 2438 ft.
Elevation: 544 ft.
Relative: Lower

Site Name : 352605119022201
35.43468, -119.040379
CA
Database(s) : [NWIS]

Envirosite ID: 9207067
EPA ID: N/R

NWIS

Site Identification Number :	352605119022201
Site Type :	Well
Station Name :	029S027E02J001M
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Kern County
Country :	USA
Land Net Location :	SENES02 T29S R27E M
Name of Location Map :	KERN RIVER F2
Scale of Location Map :	63360
Altitude of Gage/Land Surface :	537.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Tulare Lake Bed
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNO
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R

Map Id: L59
Direction: SSE
Distance: 0.462 mi., 2438 ft.
Elevation: 544 ft.
Relative: Lower

Site Name : 352605119022201
35.43468, -119.040379
CA
Database(s) : [NWIS] *(cont.)*

Envirosite ID: 9207067
EPA ID: N/R

NWIS *(cont.)*

Data Reliability :	Unchecked data.
Data-Other GW Files :	YYNNNYNN
National Aquifer :	Central Valley aquifer system
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	500
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Measurements Begin Date:	1960-02-02
Field Water-level Measurements End Date:	1960-02-02
Field Water-Level Measurements Count:	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	35.43468
Longitude :	-119.040379
Last Date in Agency List :	2024-12-02

Map Id: M60
Direction: NE
Distance: 0.470 mi., 2482 ft.
Elevation: 677 ft.
Relative: Higher

Site Name : TANK
35.454319, -119.034531
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 807831
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030184
Obstacle Type :	TANK
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00050
Above Mean Sea Level Height (Feet) :	00726
Horizontal Accuracy :	+-50'

Map Id: M60
Direction: NE
Distance: 0.470 mi., 2482 ft.
Elevation: 677 ft.
Relative: Higher

Site Name : TANK
35.454319, -119.034531
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE] *(cont.)*

Envirosite ID: 807831
EPA ID: N/R

DIGITAL OBSTACLE *(cont.)*

Vertical Accuracy :	+-20'
Latitude :	35 27 15.55N
Longitude :	119 02 04.31W

Map Id: 61
Direction: NNW
Distance: 0.473 mi., 2499 ft.
Elevation: 630 ft.
Relative: Higher

Site Name : 0402908934
35.455044, -119.044975
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854353
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402908934
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	A4550
Operator Name :	Arco Western Energy Co.
Lease Name :	Bankline
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.455044
Longitude :	-119.044975
Last Date in Agency List :	2025-01-30

Map Id: 62
Direction: ENE
Distance: 0.476 mi., 2516 ft.
Elevation: 671 ft.
Relative: Higher

Site Name : T-L TWR
35.450683, -119.030786
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 842513
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2017-11-02
Action :	Change
FAA Study Number :	2015AWP10489OE
OBS Number :	06-030183
Obstacle Type :	T-L TWR

Map Id: 62
Direction: ENE
Distance: 0.476 mi., 2516 ft.
Elevation: 671 ft.
Relative: Higher

Site Name : T-L TWR
35.450683, -119.030786
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE] *(cont.)*

Envirosite ID: 842513
EPA ID: N/R

DIGITAL OBSTACLE *(cont.)*

City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Verified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00114
Above Mean Sea Level Height (Feet) :	00780
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-10'
Latitude :	35 27 02.46N
Longitude :	119 01 50.83W

Map Id: L63
Direction: SSE
Distance: 0.481 mi., 2542 ft.
Elevation: 544 ft.
Relative: Lower

Site Name : 352604119022001
35.434402, -119.039823
CA

Database(s) : [NWIS]

Envirosite ID: 31275221
EPA ID: N/R

NWIS

Site Identification Number :	352604119022001
Site Type :	Well
Station Name :	029S027E02J002M
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Kern County
Country :	USA
Land Net Location :	SENES02 T29S R27E M
Name of Location Map :	KERN RIVER F2
Scale of Location Map :	63360
Altitude of Gage/Land Surface :	538.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Tulare Lake Bed
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNO
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-Other GW Files :	YYNNNYNN
National Aquifer :	Central Valley aquifer system
Local Aquifer :	N/R
Local Aquifer Type :	N/R

Map Id: L63
Direction: SSE
Distance: 0.481 mi., 2542 ft.
Elevation: 544 ft.
Relative: Lower

Site Name : 352604119022001
35.434402, -119.039823
CA

Database(s) : [NWIS] *(cont.)*

Envirosite ID: 31275221
EPA ID: N/R

NWIS *(cont.)*

Well Depth :	500
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Measurements Begin Date:	1961-02-07
Field Water-level Measurements End Date:	1961-02-07
Field Water-Level Measurements Count:	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	35.434402
Longitude :	-119.039823
Last Date in Agency List :	2024-12-02

Map Id: 64
Direction: ENE
Distance: 0.486 mi., 2568 ft.
Elevation: 657 ft.
Relative: Higher

Site Name : UTILITY POLE
35.448414, -119.030167
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 942601
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2018-08-29
Action :	Add
FAA Study Number :	2017AWP01168OE
OBS Number :	06-213513
Obstacle Type :	UTILITY POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Unverified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00044
Above Mean Sea Level Height (Feet) :	00701
Horizontal Accuracy :	+-250'
Vertical Accuracy :	+-50'
Latitude :	35 26 54.29N
Longitude :	119 01 48.60W

Map Id: 65
Direction: SE
Distance: 0.492 mi., 2598 ft.
Elevation: 571 ft.
Relative: Lower

Site Name : 0402930973
35.436481, -119.033394
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10320858
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402930973
Well Status :	Plugged
Well Type :	Dry Hole
Operator Code :	C5640
Operator Name :	Chevron U.S.A. Inc.
Lease Name :	Lease by Chevron U.S.A. Inc.
Field Name :	Any Field
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 01, TWP 29S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.436481
Longitude :	-119.033394
Last Date in Agency List :	2025-01-30

Map Id: N66
Direction: NNE
Distance: 0.493 mi., 2602 ft.
Elevation: 677 ft.
Relative: Higher

Site Name : 0402910459
35.455318, -119.036339
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773421
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910459
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Lease by Kern Front-Section 35-Partners
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.455318
Longitude :	-119.036339
Last Date in Agency List :	2025-01-30

Map Id: 67
Direction: NW
Distance: 0.506 mi., 2671 ft.
Elevation: 579 ft.
Relative: Lower

Site Name : TOWER
35.451994, -119.050372
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 906711
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2018-01-27
Action :	Add
FAA Study Number :	2015AWP10486OE
OBS Number :	06-173641
Obstacle Type :	TOWER
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Unverified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00078
Above Mean Sea Level Height (Feet) :	00656
Horizontal Accuracy :	+-250'
Vertical Accuracy :	+-50'
Latitude :	35 27 07.18N
Longitude :	119 03 01.34W

Map Id: O68
Direction: NNE
Distance: 0.508 mi., 2683 ft.
Elevation: 653 ft.
Relative: Higher

Site Name : POLE
35.455836, -119.039758
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812501
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030115
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00081
Above Mean Sea Level Height (Feet) :	00734
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 21.01N
Longitude :	119 02 23.13W

Map Id: O69
Direction: NNE
Distance: 0.509 mi., 2686 ft.
Elevation: 674 ft.
Relative: Higher

Site Name : POLE
35.455836, -119.038936
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 807268
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030116
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00051
Above Mean Sea Level Height (Feet) :	00725
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 21.01N
Longitude :	119 02 20.17W

Map Id: P70
Direction: NNE
Distance: 0.511 mi., 2696 ft.
Elevation: 676 ft.
Relative: Higher

Site Name : POLE
35.455839, -119.038056
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812326
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030120
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00041
Above Mean Sea Level Height (Feet) :	00717
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 21.02N
Longitude :	119 02 17.00W

Map Id: M71
Direction: NE
Distance: 0.512 mi., 2705 ft.
Elevation: 681 ft.
Relative: Higher

Site Name : 0402954224
35.454533, -119.033562
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10222160
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402954224
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Crystal Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.454533
Longitude :	-119.033562
Last Date in Agency List :	2025-01-30

Map Id: 72
Direction: NE
Distance: 0.515 mi., 2720 ft.
Elevation: 677 ft.
Relative: Higher

Site Name : 0402910461
35.453983, -119.032639
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854899
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910461
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Crystal Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.453983
Longitude :	-119.032639
Last Date in Agency List :	2025-01-30

Map Id: 73
Direction: NE
Distance: 0.520 mi., 2748 ft.
Elevation: 685 ft.
Relative: Higher

Site Name : 0402954789
35.453426, -119.031837
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10222981
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402954789
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Crystal Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.453426
Longitude :	-119.031837
Last Date in Agency List :	2025-01-30

Map Id: 74
Direction: NE
Distance: 0.521 mi., 2751 ft.
Elevation: 682 ft.
Relative: Higher

Site Name : 0402910455
35.455269, -119.03479
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10311853
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910455
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Crystal Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.455269
Longitude :	-119.03479
Last Date in Agency List :	2025-01-30

Map Id: N75
Direction: NNE
Distance: 0.529 mi., 2792 ft.
Elevation: 681 ft.
Relative: Higher

Site Name : POLE
35.455822, -119.036183
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812522
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030127
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00045
Above Mean Sea Level Height (Feet) :	00725
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 20.96N
Longitude :	119 02 10.26W

Map Id: Q76
Direction: ESE
Distance: 0.530 mi., 2799 ft.
Elevation: 608 ft.
Relative: Higher

Site Name : POLE
35.441353, -119.029558
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812127
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030104
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00078
Above Mean Sea Level Height (Feet) :	00685
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 26 28.87N
Longitude :	119 01 46.41W

Map Id: P77
Direction: NNE
Distance: 0.532 mi., 2808 ft.
Elevation: 675 ft.
Relative: Higher

Site Name : 0403061314
35.456135, -119.037903
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362647
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-12-16
API Number :	0403061314
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	SEC 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.456135
Longitude :	-119.037903
Last Date in Agency List :	2025-01-30

Map Id: M78
Direction: NE
Distance: 0.533 mi., 2814 ft.
Elevation: 681 ft.
Relative: Higher

Site Name : 0402967997
Lat/Long: 35.45432281 / -119.0326309
Bakersfield, CA 93008

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9791036
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402967997
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Crystal Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.454323
Longitude :	-119.032631
Last Date in Agency List :	2025-01-30

Map Id: P79
Direction: NNE
Distance: 0.534 mi., 2821 ft.
Elevation: 678 ft.
Relative: Higher

Site Name : 0403061313
35.456137, -119.037536
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9889892
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-02-16
API Number :	0403061313
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	SEC 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456137
Longitude :	-119.037536
Last Date in Agency List :	2025-01-30

Map Id: Q80
Direction: ESE
Distance: 0.536 mi., 2829 ft.
Elevation: 609 ft.
Relative: Higher

Site Name : 352600119010001 | 103832 | 111307
35.4415, -119.029444
CA

Database(s) : [NWIS]

Envirosite ID: 9217514
EPA ID: N/R

NWIS

Site Identification Number :	352600119010001
Site Type :	Well
Station Name :	028S027E36N001M
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Kern County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	OILDALE
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	600
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Tulare Lake Bed
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNONNNNNNNNNNNNNNNNNNNNNNNNO
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	1961
Date Site Established or Inventoried:	2006-02-13
Drainage Area :	N/R

Map Id: Q80
Direction: ESE
Distance: 0.536 mi., 2829 ft.
Elevation: 609 ft.
Relative: Higher

Site Name : 352600119010001 | 103832 | 111307
35.4415, -119.029444
CA

Database(s) : [NWIS] *(cont.)*

Envirosite ID: 9217514
EPA ID: N/R

NWIS *(cont.)*

Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-Other GW Files :	YY Y
National Aquifer :	Central Valley aquifer system
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	970
Hole Depth :	N/R
Source of Depth Data :	R
Project Number :	9677BHM44
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	2006-02-13
Water-Quality Data End Date :	2015-01-14
Water-Quality Data Count :	4
Field Water-Level Measurements Begin Date:	N/R
Field Water-level Measurements End Date:	N/R
Field Water-Level Measurements Count:	0
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	35.4415
Longitude :	-119.029444
Last Date in Agency List :	2024-12-02

Map Id: P81
Direction: NNE
Distance: 0.536 mi., 2830 ft.
Elevation: 676 ft.
Relative: Higher

Site Name : 0402910838
35.456188, -119.037796
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773360
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910838
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator

Map Id: P81
Direction: NNE
Distance: 0.536 mi., 2830 ft.
Elevation: 676 ft.
Relative: Higher

Site Name : 0402910838
35.456188, -119.037796
CA
Database(s) : [OIL & GAS WELLS - CA] *(cont.)*

Envirosite ID: 9773360
EPA ID: N/R

OIL & GAS WELLS - CA *(cont.)*

Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456188
Longitude :	-119.037796
Last Date in Agency List :	2025-01-30

Map Id: P82
Direction: NNE
Distance: 0.538 mi., 2839 ft.
Elevation: 680 ft.
Relative: Higher

Site Name : 0403061312
35.456139, -119.037166
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257359
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-02-14
API Number :	0403061312
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	SEC 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.456139
Longitude :	-119.037166
Last Date in Agency List :	2025-01-30

Map Id: M83
Direction: NE
Distance: 0.538 mi., 2839 ft.
Elevation: 685 ft.
Relative: Higher

Site Name : STACK
35.455061, -119.033719
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 817942
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R

Map Id: M83
Direction: NE
Distance: 0.538 mi., 2839 ft.
Elevation: 685 ft.
Relative: Higher

Site Name : STACK
35.455061, -119.033719
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE] *(cont.)*

Envirosite ID: 817942
EPA ID: N/R

DIGITAL OBSTACLE *(cont.)*

OBS Number :	06-030185
Obstacle Type :	STACK
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00037
Above Mean Sea Level Height (Feet) :	00721
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 18.22N
Longitude :	119 02 01.39W

Map Id: 84
Direction: N
Distance: 0.543 mi., 2866 ft.
Elevation: 653 ft.
Relative: Higher

Site Name : 0402908929
35.456348, -119.041016
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854350
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402908929
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	D2700
Operator Name :	Rosie E. Doe
Lease Name :	Hood-Bloemer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456348
Longitude :	-119.041016
Last Date in Agency List :	2025-01-30

Map Id: R85
Direction: NNW
Distance: 0.543 mi., 2868 ft.
Elevation: 611 ft.
Relative: Higher

Site Name : POLE
35.455847, -119.045922
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814528
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030102
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00055
Above Mean Sea Level Height (Feet) :	00666
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 21.05N
Longitude :	119 02 45.32W

Map Id: N86
Direction: NNE
Distance: 0.545 mi., 2878 ft.
Elevation: 683 ft.
Relative: Higher

Site Name : POLE
35.455831, -119.035308
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812321
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030130
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00037
Above Mean Sea Level Height (Feet) :	00720
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 20.99N
Longitude :	119 02 07.11W

Map Id: N87
Direction: NNE
Distance: 0.549 mi., 2902 ft.
Elevation: 683 ft.
Relative: Higher

Site Name : 0403061326
35.456126, -119.036146
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 36587187
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-02-20
API Number :	0403061326
Well Status :	Idle
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	SEC 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.456126
Longitude :	-119.036146
Last Date in Agency List :	2025-01-30

Map Id: 88
Direction: NW
Distance: 0.551 mi., 2908 ft.
Elevation: 572 ft.
Relative: Lower

Site Name : 0402910182
35.452225, -119.051498
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854813
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910182
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	S3100
Operator Name :	Shell Western E&P Inc.
Lease Name :	Kramer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 34, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.452225
Longitude :	-119.051498
Last Date in Agency List :	2025-01-30

Map Id: P89
Direction: NNE
Distance: 0.557 mi., 2941 ft.
Elevation: 677 ft.
Relative: Higher

Site Name : 0403062024
35.456478, -119.037621
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257770
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062024
Well Status :	Canceled
Well Type :	Injection
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456478
Longitude :	-119.037621
Last Date in Agency List :	2025-01-30

Map Id: S90
Direction: NNW
Distance: 0.560 mi., 2957 ft.
Elevation: 598 ft.
Relative: Higher

Site Name : 0402910179
35.455208, -119.048065
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854675
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910179
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	T1400
Operator Name :	Tesoro Petroleum Corp.
Lease Name :	Kramer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 34, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.455208
Longitude :	-119.048065
Last Date in Agency List :	2025-01-30

Map Id: M91
Direction: NE
Distance: 0.562 mi., 2966 ft.
Elevation: 688 ft.
Relative: Higher

Site Name : 0402910456
35.455238, -119.033272
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773417
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910456
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Crystal Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.455238
Longitude :	-119.033272
Last Date in Agency List :	2025-01-30

Map Id: R92
Direction: NNW
Distance: 0.563 mi., 2972 ft.
Elevation: 624 ft.
Relative: Higher

Site Name : POLE
35.455847, -119.046808
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 811926
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030099
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00042
Above Mean Sea Level Height (Feet) :	00666
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 21.05N
Longitude :	119 02 48.51W

Map Id: P93
Direction: NNE
Distance: 0.563 mi., 2974 ft.
Elevation: 674 ft.
Relative: Higher

Site Name : 0402910848
35.456589, -119.037872
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208060
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910848
Well Status :	Plugged
Well Type :	Water Source
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456589
Longitude :	-119.037872
Last Date in Agency List :	2025-01-30

Map Id: T94
Direction: NNE
Distance: 0.564 mi., 2978 ft.
Elevation: 682 ft.
Relative: Higher

Site Name : 0403061311
35.456517, -119.037096
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 53920637
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-12-26
API Number :	0403061311
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	SEC 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.456517
Longitude :	-119.037096
Last Date in Agency List :	2025-01-30

Map Id: 95
Direction: NW
Distance: 0.564 mi., 2978 ft.
Elevation: 569 ft.
Relative: Lower

Site Name : T-L TWR
35.452003, -119.052553
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 897684
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2017-12-15
Action :	Add
FAA Study Number :	2015AWP10485OE
OBS Number :	06-173640
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Unverified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00095
Above Mean Sea Level Height (Feet) :	00661
Horizontal Accuracy :	+-250'
Vertical Accuracy :	+-50'
Latitude :	35 27 07.21N
Longitude :	119 03 09.19W

Map Id: 96
Direction: NW
Distance: 0.566 mi., 2991 ft.
Elevation: 585 ft.
Relative: Lower

Site Name : 0402910180
35.453983, -119.049957
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10311939
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910180
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	S3100
Operator Name :	Shell Western E&P Inc.
Lease Name :	Kramer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 34, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.453983
Longitude :	-119.049957
Last Date in Agency List :	2025-01-30

Map Id: T97
Direction: NNE
Distance: 0.569 mi., 3004 ft.
Elevation: 685 ft.
Relative: Higher

Site Name : 0402910839
35.456398, -119.036057
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773365
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910839
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456398
Longitude :	-119.036057
Last Date in Agency List :	2025-01-30

Map Id: 98
Direction: ENE
Distance: 0.573 mi., 3027 ft.
Elevation: 674 ft.
Relative: Higher

Site Name : POLE
35.450622, -119.028969
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 822081
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030133
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00065
Above Mean Sea Level Height (Feet) :	00738
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 02.24N
Longitude :	119 01 44.29W

Map Id: U99
Direction: NE
Distance: 0.574 mi., 3031 ft.
Elevation: 689 ft.
Relative: Higher

Site Name : 0402967923
35.453426, -119.030617
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9791582
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402967923
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Crystal Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.453426
Longitude :	-119.030617
Last Date in Agency List :	2025-01-30

Map Id: T100
Direction: NNE
Distance: 0.574 mi., 3032 ft.
Elevation: 684 ft.
Relative: Higher

Site Name : 0403061317
35.456596, -119.036644
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362652
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-02-23
API Number :	0403061317
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	SEC 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.456596
Longitude :	-119.036644
Last Date in Agency List :	2025-01-30

Map Id: U101
Direction: NE
Distance: 0.575 mi., 3036 ft.
Elevation: 693 ft.
Relative: Higher

Site Name : 0402967861
35.45433, -119.031548
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10227470
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402967861
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Lease by Kern Front-Section 35-Partners
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.45433
Longitude :	-119.031548
Last Date in Agency List :	2025-01-30

Map Id: P102
Direction: NNE
Distance: 0.575 mi., 3038 ft.
Elevation: 672 ft.
Relative: Higher

Site Name : 0403060972
35.456776, -119.03804
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10364577
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-12-20
API Number :	0403060972
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	SEC 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.456776
Longitude :	-119.03804
Last Date in Agency List :	2025-01-30

Map Id: U103
Direction: NE
Distance: 0.577 mi., 3049 ft.
Elevation: 692 ft.
Relative: Higher

Site Name : 0402910462
35.453995, -119.031105
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10207961
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910462
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Crystal Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.453995
Longitude :	-119.031105
Last Date in Agency List :	2025-01-30

Map Id: T104
Direction: NNE
Distance: 0.578 mi., 3050 ft.
Elevation: 681 ft.
Relative: Higher

Site Name : 0403067994
35.456742, -119.037286
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 36588180
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2022-03-02
API Number :	0403067994
Well Status :	Active
Well Type :	Observation
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.456742
Longitude :	-119.037286
Last Date in Agency List :	2025-01-30

Map Id: S105
Direction: NNW
Distance: 0.578 mi., 3052 ft.
Elevation: 594 ft.
Relative: Higher

Site Name : 0402910181
35.455215, -119.048607
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10311940
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910181
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	S3100
Operator Name :	Shell Western E&P Inc.
Lease Name :	Kramer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 34, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.455215
Longitude :	-119.048607
Last Date in Agency List :	2025-01-30

Map Id: T106
Direction: NNE
Distance: 0.580 mi., 3062 ft.
Elevation: 686 ft.
Relative: Higher

Site Name : 0403062025
35.45657, -119.036095
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257623
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062025
Well Status :	Canceled
Well Type :	Injection
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.45657
Longitude :	-119.036095
Last Date in Agency List :	2025-01-30

Map Id: 107
Direction: WNW
Distance: 0.583 mi., 3079 ft.
Elevation: 539 ft.
Relative: Lower

Site Name : 0402910678
35.447617, -119.057358
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773273
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910678
Well Status :	Plugged
Well Type :	Dry Hole
Operator Code :	C5640
Operator Name :	Chevron U.S.A. Inc.
Lease Name :	Stoner
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 34, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.447617
Longitude :	-119.057358
Last Date in Agency List :	2025-01-30

Map Id: V108
Direction: NNE
Distance: 0.583 mi., 3080 ft.
Elevation: 687 ft.
Relative: Higher

Site Name : 0403045880
35.456482, -119.035522
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9807784
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2012-03-31
API Number :	0403045880
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.456482
Longitude :	-119.035522
Last Date in Agency List :	2025-01-30

Map Id: 109
Direction: SW
Distance: 0.587 mi., 3102 ft.
Elevation: 498 ft.
Relative: Lower

Site Name : CTRL TWR
35.433925, -119.052628
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 804377
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030050
Obstacle Type :	CTRL TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00085
Above Mean Sea Level Height (Feet) :	00582
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 26 02.13N
Longitude :	119 03 09.46W

Map Id: 110
Direction: NE
Distance: 0.593 mi., 3131 ft.
Elevation: 694 ft.
Relative: Higher

Site Name : 0402967943
35.455284, -119.032394
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10332174
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402967943
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Crystal Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.455284
Longitude :	-119.032394
Last Date in Agency List :	2025-01-30

Map Id: V111
Direction: NNE
Distance: 0.594 mi., 3136 ft.
Elevation: 688 ft.
Relative: Higher

Site Name : 0403062519
35.4566, -119.03537
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257799
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062519
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.4566
Longitude :	-119.03537
Last Date in Agency List :	2025-01-30

Map Id: P112
Direction: NNE
Distance: 0.596 mi., 3147 ft.
Elevation: 673 ft.
Relative: Higher

Site Name : 0403060642
35.457077, -119.038048
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10364513
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-12-29
API Number :	0403060642
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Hood-Bloemer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.457077
Longitude :	-119.038048
Last Date in Agency List :	2025-01-30

Map Id: W113
Direction: ENE
Distance: 0.597 mi., 3150 ft.
Elevation: 682 ft.
Relative: Higher

Site Name : POLE
35.452206, -119.029247
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814279
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030138
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00054
Above Mean Sea Level Height (Feet) :	00736
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 07.94N
Longitude :	119 01 45.29W

Map Id: T114
Direction: NNE
Distance: 0.597 mi., 3153 ft.
Elevation: 689 ft.
Relative: Higher

Site Name : 0403061325
35.456768, -119.03582
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9891374
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403061325
Well Status :	Idle
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456768
Longitude :	-119.03582
Last Date in Agency List :	2025-01-30

Map Id: T115
Direction: NNE
Distance: 0.600 mi., 3169 ft.
Elevation: 688 ft.
Relative: Higher

Site Name : 0403061318
35.456829, -119.035889
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9891373
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403061318
Well Status :	Idle
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456829
Longitude :	-119.035889
Last Date in Agency List :	2025-01-30

Map Id: P116
Direction: NNE
Distance: 0.601 mi., 3174 ft.
Elevation: 674 ft.
Relative: Higher

Site Name : 0403059671
35.457169, -119.038452
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9811129
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403059671
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Hood-Bloemer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457169
Longitude :	-119.038452
Last Date in Agency List :	2025-01-30

Map Id: V117
Direction: NE
Distance: 0.601 mi., 3176 ft.
Elevation: 690 ft.
Relative: Higher

Site Name : 0402910840
35.456406, -119.034401
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208197
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910840
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456406
Longitude :	-119.034401
Last Date in Agency List :	2025-01-30

Map Id: X118
Direction: NE
Distance: 0.603 mi., 3186 ft.
Elevation: 695 ft.
Relative: Higher

Site Name : 0402910460
35.455193, -119.03196
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854897
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910460
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Crystal Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.455193
Longitude :	-119.03196
Last Date in Agency List :	2025-01-30

Map Id: T119
Direction: NNE
Distance: 0.609 mi., 3215 ft.
Elevation: 686 ft.
Relative: Higher

Site Name : 0403060969
35.457132, -119.036785
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257194
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-02-12
API Number :	0403060969
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	SEC 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.457132
Longitude :	-119.036785
Last Date in Agency List :	2025-01-30

Map Id: V120
Direction: NNE
Distance: 0.610 mi., 3224 ft.
Elevation: 690 ft.
Relative: Higher

Site Name : 0403062026
35.456589, -119.034515
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257771
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062026
Well Status :	Canceled
Well Type :	Injection
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456589
Longitude :	-119.034515
Last Date in Agency List :	2025-01-30

Map Id: X121
Direction: NE
Distance: 0.610 mi., 3224 ft.
Elevation: 695 ft.
Relative: Higher

Site Name : 0402970015
35.455261, -119.03186
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10332971
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402970015
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Tamara Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.455261
Longitude :	-119.03186
Last Date in Agency List :	2025-01-30

Map Id: 122
Direction: N
Distance: 0.611 mi., 3226 ft.
Elevation: 643 ft.
Relative: Higher

Site Name : POLE
35.457108, -119.044989
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 807269
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030109
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00036
Above Mean Sea Level Height (Feet) :	00679
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 25.59N
Longitude :	119 02 41.96W

Map Id: X123
Direction: NE
Distance: 0.613 mi., 3239 ft.
Elevation: 695 ft.
Relative: Higher

Site Name : 0402910457
35.455242, -119.031754
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10312051
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910457
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Crystal Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.455242
Longitude :	-119.031754
Last Date in Agency List :	2025-01-30

Map Id: U124
Direction: NE
Distance: 0.613 mi., 3240 ft.
Elevation: 694 ft.
Relative: Higher

Site Name : POLE
35.454322, -119.030603
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814527
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030140
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00021
Above Mean Sea Level Height (Feet) :	00715
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 15.56N
Longitude :	119 01 50.17W

Map Id: T125
Direction: NNE
Distance: 0.615 mi., 3248 ft.
Elevation: 689 ft.
Relative: Higher

Site Name : 0403060970
35.45712, -119.036195
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257195
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-02-05
API Number :	0403060970
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	SEC 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.45712
Longitude :	-119.036195
Last Date in Agency List :	2025-01-30

Map Id: T126
Direction: NNE
Distance: 0.616 mi., 3252 ft.
Elevation: 687 ft.
Relative: Higher

Site Name : 0403066850
35.457208, -119.036614
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 45666401
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-12-04
API Number :	0403066850
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.457208
Longitude :	-119.036614
Last Date in Agency List :	2025-01-30

Map Id: Y127
Direction: NNE
Distance: 0.617 mi., 3256 ft.
Elevation: 678 ft.
Relative: Higher

Site Name : 0403060973
35.457378, -119.038056
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362536
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-01-04
API Number :	0403060973
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	SEC 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.457378
Longitude :	-119.038056
Last Date in Agency List :	2025-01-30

Map Id: 128
Direction: E
Distance: 0.620 mi., 3275 ft.
Elevation: 633 ft.
Relative: Higher

Site Name : 0402910042
35.44471, -119.027863
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10311870
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910042
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	00646
Operator Name :	Barney Cornett and Associates
Lease Name :	Barney Cornet & Associates
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.44471
Longitude :	-119.027863
Last Date in Agency List :	2025-01-30

Map Id: T129
Direction: NNE
Distance: 0.621 mi., 3279 ft.
Elevation: 687 ft.
Relative: Higher

Site Name : 0403066785
35.457287, -119.036637
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 49221050
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-12-03
API Number :	0403066785
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.457287
Longitude :	-119.036637
Last Date in Agency List :	2025-01-30

Map Id: 130
Direction: ESE
Distance: 0.621 mi., 3281 ft.
Elevation: 588 ft.
Relative: Lower

Site Name : 0402930974
35.438156, -119.028954
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9782951
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402930974
Well Status :	Plugged
Well Type :	Dry Hole
Operator Code :	C5640
Operator Name :	Chevron U.S.A. Inc.
Lease Name :	Lease by Chevron U.S.A. Inc.
Field Name :	Any Field
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 01, TWP 29S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.438156
Longitude :	-119.028954
Last Date in Agency List :	2025-01-30

Map Id: U131
Direction: NE
Distance: 0.623 mi., 3289 ft.
Elevation: 694 ft.
Relative: Higher

Site Name : 0402965406
35.454304, -119.030365
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9790975
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402965406
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Crystal Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.454304
Longitude :	-119.030365
Last Date in Agency List :	2025-01-30

Map Id: Z132
Direction: ENE
Distance: 0.624 mi., 3295 ft.
Elevation: 667 ft.
Relative: Higher

Site Name : T-L TWR
35.449442, -119.027783
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 821691
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030187
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00107
Above Mean Sea Level Height (Feet) :	00773
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 26 57.99N
Longitude :	119 01 40.02W

Map Id: 133
Direction: NW
Distance: 0.624 mi., 3298 ft.
Elevation: 591 ft.
Relative: Higher

Site Name : 0402910177
35.4552, -119.049927
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208037
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910177
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	S3100
Operator Name :	Shell Western E&P Inc.
Lease Name :	Kramer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 34, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.4552
Longitude :	-119.049927
Last Date in Agency List :	2025-01-30

Map Id: W134
Direction: ENE
Distance: 0.628 mi., 3317 ft.
Elevation: 687 ft.
Relative: Higher

Site Name : 0402910757
35.452908, -119.02906
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773551
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910757
Well Status :	Plugged
Well Type :	Dry Hole
Operator Code :	C5640
Operator Name :	Chevron U.S.A. Inc.
Lease Name :	Cauley
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	mip
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.452908
Longitude :	-119.02906
Last Date in Agency List :	2025-01-30

Map Id: X135
Direction: NE
Distance: 0.630 mi., 3327 ft.
Elevation: 695 ft.
Relative: Higher

Site Name : 0402970671
35.454838, -119.030785
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10227623
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402970671
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Tamara Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.454838
Longitude :	-119.030785
Last Date in Agency List :	2025-01-30

Map Id: V136
Direction: NNE
Distance: 0.631 mi., 3333 ft.
Elevation: 693 ft.
Relative: Higher

Site Name : 0403061324
35.457085, -119.035065
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257520
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403061324
Well Status :	Idle
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457085
Longitude :	-119.035065
Last Date in Agency List :	2025-01-30

Map Id: X137
Direction: NE
Distance: 0.632 mi., 3339 ft.
Elevation: 694 ft.
Relative: Higher

Site Name : 0402967781
35.455235, -119.031235
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9869984
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402967781
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Crystal Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.455235
Longitude :	-119.031235
Last Date in Agency List :	2025-01-30

Map Id: Y138
Direction: NNE
Distance: 0.634 mi., 3350 ft.
Elevation: 684 ft.
Relative: Higher

Site Name : 0402910837
35.457619, -119.037804
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10312196
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910837
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457619
Longitude :	-119.037804
Last Date in Agency List :	2025-01-30

Map Id: BA139
Direction: NE
Distance: 0.634 mi., 3350 ft.
Elevation: 698 ft.
Relative: Higher

Site Name : 0402910841
35.456249, -119.032806
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10311959
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910841
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456249
Longitude :	-119.032806
Last Date in Agency List :	2025-01-30

Map Id: V140
Direction: NNE
Distance: 0.637 mi., 3363 ft.
Elevation: 693 ft.
Relative: Higher

Site Name : 0403061316
35.45716, -119.035013
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9891371
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-04-21
API Number :	0403061316
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.45716
Longitude :	-119.035013
Last Date in Agency List :	2025-01-30

Map Id: Y141
Direction: NNE
Distance: 0.638 mi., 3367 ft.
Elevation: 683 ft.
Relative: Higher

Site Name : 0403060830
35.457682, -119.038064
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9889778
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-01-01
API Number :	0403060830
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	SEC 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.457682
Longitude :	-119.038064
Last Date in Agency List :	2025-01-30

Map Id: 142
Direction: NNW
Distance: 0.638 mi., 3367 ft.
Elevation: 605 ft.
Relative: Higher

Site Name : 0402910673
35.456486, -119.048164
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854971
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910673
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456486
Longitude :	-119.048164
Last Date in Agency List :	2025-01-30

Map Id: T143
Direction: NNE
Distance: 0.641 mi., 3388 ft.
Elevation: 694 ft.
Relative: Higher

Site Name : 0403066722
35.457413, -119.035723
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 56743286
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-12-01
API Number :	0403066722
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.457413
Longitude :	-119.035723
Last Date in Agency List :	2025-01-30

Map Id: BA144
Direction: NE
Distance: 0.642 mi., 3389 ft.
Elevation: 699 ft.
Relative: Higher

Site Name : 0403061323
35.456089, -119.032274
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 44268781
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-07-24
API Number :	0403061323
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.456089
Longitude :	-119.032274
Last Date in Agency List :	2025-01-30

Map Id: 145
Direction: NW
Distance: 0.642 mi., 3392 ft.
Elevation: 568 ft.
Relative: Lower

Site Name : 0402910183
35.452869, -119.05349
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854678
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910183
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	S3100
Operator Name :	Shell Western E&P Inc.
Lease Name :	Kramer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 34, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.452869
Longitude :	-119.05349
Last Date in Agency List :	2025-01-30

Map Id: V146
Direction: NNE
Distance: 0.642 mi., 3392 ft.
Elevation: 694 ft.
Relative: Higher

Site Name : 0403061397
35.45723, -119.034966
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362689
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403061397
Well Status :	Idle
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.45723
Longitude :	-119.034966
Last Date in Agency List :	2025-01-30

Map Id: BA147
Direction: NE
Distance: 0.643 mi., 3396 ft.
Elevation: 699 ft.
Relative: Higher

Site Name : 0402942009
35.456436, -119.032883
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9862151
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402942009
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456436
Longitude :	-119.032883
Last Date in Agency List :	2025-01-30

Map Id: BA148
Direction: NE
Distance: 0.645 mi., 3407 ft.
Elevation: 699 ft.
Relative: Higher

Site Name : 0403061322
35.45609, -119.032172
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 53130352
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-07-18
API Number :	0403061322
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.45609
Longitude :	-119.032172
Last Date in Agency List :	2025-01-30

Map Id: T149
Direction: NNE
Distance: 0.646 mi., 3414 ft.
Elevation: 693 ft.
Relative: Higher

Site Name : 0403066723
35.457493, -119.035746
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 58184028
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-11-27
API Number :	0403066723
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.457493
Longitude :	-119.035746
Last Date in Agency List :	2025-01-30

Map Id: Y150
Direction: NNE
Distance: 0.647 mi., 3416 ft.
Elevation: 686 ft.
Relative: Higher

Site Name : 0403062018
35.45779, -119.037643
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10364880
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062018
Well Status :	Canceled
Well Type :	Injection
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.45779
Longitude :	-119.037643
Last Date in Agency List :	2025-01-30

Map Id: T151
Direction: NNE
Distance: 0.648 mi., 3421 ft.
Elevation: 692 ft.
Relative: Higher

Site Name : 0402910836
35.457588, -119.036102
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10311956
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910836
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457588
Longitude :	-119.036102
Last Date in Agency List :	2025-01-30

Map Id: T152
Direction: NNE
Distance: 0.648 mi., 3424 ft.
Elevation: 685 ft.
Relative: Higher

Site Name : 0403060971
35.45771, -119.036761
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9889807
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-02-09
API Number :	0403060971
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	SEC 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.45771
Longitude :	-119.036761
Last Date in Agency List :	2025-01-30

Map Id: 153
Direction: WNW
Distance: 0.650 mi., 3433 ft.
Elevation: 541 ft.
Relative: Lower

Site Name : 352657119032501
35.449124, -119.057879
CA

Database(s) : [NWIS]

Envirosite ID: 31324656
EPA ID: N/R

NWIS

Site Identification Number :	352657119032501
Site Type :	Well
Station Name :	028S027E34L001M
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Kern County
Country :	USA
Land Net Location :	SENWS34 T28S R27E M
Name of Location Map :	KERN RIVER F2
Scale of Location Map :	63360
Altitude of Gage/Land Surface :	540.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Tulare Lake Bed
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNO
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-Other GW Files :	YYNNNYNN
National Aquifer :	Central Valley aquifer system
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	1000
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Measurements Begin Date:	1960-10-04
Field Water-level Measurements End Date:	1960-10-04
Field Water-Level Measurements Count:	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	35.449124
Longitude :	-119.057879
Last Date in Agency List :	2024-12-02

Map Id: BA154
Direction: NE
Distance: 0.650 mi., 3435 ft.
Elevation: 700 ft.
Relative: Higher

Site Name : 0403062027
35.4566, -119.032967
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257625
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062027
Well Status :	Canceled
Well Type :	Injection
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.4566
Longitude :	-119.032967
Last Date in Agency List :	2025-01-30

Map Id: BA155
Direction: NE
Distance: 0.652 mi., 3441 ft.
Elevation: 699 ft.
Relative: Higher

Site Name : 0403061320
35.456088, -119.031971
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 36587188
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-07-21
API Number :	0403061320
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.456088
Longitude :	-119.031971
Last Date in Agency List :	2025-01-30

Map Id: 156
Direction: WNW
Distance: 0.652 mi., 3442 ft.
Elevation: 553 ft.
Relative: Lower

Site Name : 0402910919
35.450912, -119.056496
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773633
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910919
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	09287
Operator Name :	Wilrich Development Co.
Lease Name :	Wilrich Kramer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 34, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.450912
Longitude :	-119.056496
Last Date in Agency List :	2025-01-30

Map Id: BB157
Direction: SW
Distance: 0.652 mi., 3443 ft.
Elevation: 491 ft.
Relative: Lower

Site Name : POLE
35.434269, -119.055203
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 813785
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030076
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00030
Above Mean Sea Level Height (Feet) :	00520
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 26 03.37N
Longitude :	119 03 18.73W

Map Id: V158
Direction: NNE
Distance: 0.652 mi., 3445 ft.
Elevation: 696 ft.
Relative: Higher

Site Name : 0403060968
35.457439, -119.035164
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257192
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403060968
Well Status :	Idle
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457439
Longitude :	-119.035164
Last Date in Agency List :	2025-01-30

Map Id: X159
Direction: NE
Distance: 0.652 mi., 3446 ft.
Elevation: 693 ft.
Relative: Higher

Site Name : 0402970014
35.455246, -119.030724
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10228365
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402970014
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Crystal Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.455246
Longitude :	-119.030724
Last Date in Agency List :	2025-01-30

Map Id: V160
Direction: NNE
Distance: 0.654 mi., 3453 ft.
Elevation: 696 ft.
Relative: Higher

Site Name : 0403061396
35.457485, -119.035248
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10364675
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403061396
Well Status :	Idle
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457485
Longitude :	-119.035248
Last Date in Agency List :	2025-01-30

Map Id: W161
Direction: NE
Distance: 0.655 mi., 3459 ft.
Elevation: 691 ft.
Relative: Higher

Site Name : 352713119014101
35.453568, -119.028989
CA

Database(s) : [NWIS]

Envirosite ID: 31310517
EPA ID: N/R

NWIS

Site Identification Number :	352713119014101
Site Type :	Well
Station Name :	028S027E36D001M
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Kern County
Country :	USA
Land Net Location :	NWNWS36 T28S R27E M
Name of Location Map :	KERN RIVER F2
Scale of Location Map :	63360
Altitude of Gage/Land Surface :	685.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Tulare Lake Bed
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNO
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	1953
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R

Map Id: W161
Direction: NE
Distance: 0.655 mi., 3459 ft.
Elevation: 691 ft.
Relative: Higher

Site Name : 352713119014101
35.453568, -119.028989
CA
Database(s) : [NWIS] *(cont.)*

Envirosite ID: 31310517
EPA ID: N/R

NWIS *(cont.)*

Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-Other GW Files :	YYNNNYNN
National Aquifer :	Central Valley aquifer system
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	650
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Measurements Begin Date:	1961-02-06
Field Water-level Measurements End Date:	1961-02-06
Field Water-Level Measurements Count:	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	35.453568
Longitude :	-119.028989
Last Date in Agency List :	2024-12-02

Map Id: Z162
Direction: ENE
Distance: 0.656 mi., 3463 ft.
Elevation: 670 ft.
Relative: Higher

Site Name : POLE
35.449756, -119.027261
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 813554
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030137
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00043
Above Mean Sea Level Height (Feet) :	00712

Map Id: Z162
Direction: ENE
Distance: 0.656 mi., 3463 ft.
Elevation: 670 ft.
Relative: Higher

Site Name : POLE
35.449756, -119.027261
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE] *(cont.)*

Envirosite ID: 813554
EPA ID: N/R

DIGITAL OBSTACLE *(cont.)*

Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 26 59.12N
Longitude :	119 01 38.14W

Map Id: V163
Direction: NNE
Distance: 0.656 mi., 3463 ft.
Elevation: 696 ft.
Relative: Higher

Site Name : 0403060967
35.457535, -119.035332
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9889804
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403060967
Well Status :	Idle
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457535
Longitude :	-119.035332
Last Date in Agency List :	2025-01-30

Map Id: 164
Direction: E
Distance: 0.656 mi., 3464 ft.
Elevation: 613 ft.
Relative: Higher

Site Name : T-L TWR
35.441314, -119.027317
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 809106
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030152

Map Id: 164
Direction: E
Distance: 0.656 mi., 3464 ft.
Elevation: 613 ft.
Relative: Higher

Site Name : T-L TWR
35.441314, -119.027317
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE] *(cont.)*

Envirosite ID: 809106
EPA ID: N/R

DIGITAL OBSTACLE *(cont.)*

Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00076
Above Mean Sea Level Height (Feet) :	00688
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 26 28.73N
Longitude :	119 01 38.34W

Map Id: BB165
Direction: SW
Distance: 0.660 mi., 3485 ft.
Elevation: 490 ft.
Relative: Lower

Site Name : POLE
35.434114, -119.0552
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 813784
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030075
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00033
Above Mean Sea Level Height (Feet) :	00522
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 26 02.81N
Longitude :	119 03 18.72W

Map Id: BA166
Direction: NE
Distance: 0.660 mi., 3487 ft.
Elevation: 701 ft.
Relative: Higher

Site Name : 0402910842
35.456276, -119.032028
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10311960
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910842
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456276
Longitude :	-119.032028
Last Date in Agency List :	2025-01-30

Map Id: 167
Direction: SSW
Distance: 0.663 mi., 3499 ft.
Elevation: 501 ft.
Relative: Lower

Site Name : POLE
35.431872, -119.049311
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812047
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030061
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00038
Above Mean Sea Level Height (Feet) :	00539
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 25 54.74N
Longitude :	119 02 57.52W

Map Id: V168
Direction: NNE
Distance: 0.663 mi., 3500 ft.
Elevation: 696 ft.
Relative: Higher

Site Name : 0403066779
35.457705, -119.035599
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 51886559
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-11-09
API Number :	0403066779
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.457705
Longitude :	-119.035599
Last Date in Agency List :	2025-01-30

Map Id: T169
Direction: NNE
Distance: 0.663 mi., 3503 ft.
Elevation: 695 ft.
Relative: Higher

Site Name : 0403062019
35.457802, -119.036018
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9890077
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062019
Well Status :	Canceled
Well Type :	Injection
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457802
Longitude :	-119.036018
Last Date in Agency List :	2025-01-30

Map Id: X170
Direction: NE
Distance: 0.664 mi., 3509 ft.
Elevation: 695 ft.
Relative: Higher

Site Name : 0402910458
35.45525, -119.030426
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773419
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910458
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Crystal Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.45525
Longitude :	-119.030426
Last Date in Agency List :	2025-01-30

Map Id: 171
Direction: ENE
Distance: 0.665 mi., 3511 ft.
Elevation: 663 ft.
Relative: Higher

Site Name : POLE
35.448903, -119.027003
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812475
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030135
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00041
Above Mean Sea Level Height (Feet) :	00704
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 26 56.05N
Longitude :	119 01 37.21W

Map Id: BA172
Direction: NE
Distance: 0.667 mi., 3521 ft.
Elevation: 702 ft.
Relative: Higher

Site Name : 0402940517
35.456348, -119.031952
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9861628
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402940517
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456348
Longitude :	-119.031952
Last Date in Agency List :	2025-01-30

Map Id: BA173
Direction: NE
Distance: 0.667 mi., 3522 ft.
Elevation: 701 ft.
Relative: Higher

Site Name : 0403061319
35.456291, -119.031853
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 36587189
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-08-05
API Number :	0403061319
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.456291
Longitude :	-119.031853
Last Date in Agency List :	2025-01-30

Map Id: V174
Direction: NNE
Distance: 0.667 mi., 3524 ft.
Elevation: 697 ft.
Relative: Higher

Site Name : 0403066725
35.457781, -119.035633
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10367215
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-11-11
API Number :	0403066725
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.457781
Longitude :	-119.035633
Last Date in Agency List :	2025-01-30

Map Id: V175
Direction: NNE
Distance: 0.668 mi., 3527 ft.
Elevation: 697 ft.
Relative: Higher

Site Name : 0403039885
35.457722, -119.03535
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 58184360
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2010-03-18
API Number :	0403039885
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.457722
Longitude :	-119.03535
Last Date in Agency List :	2025-01-30

Map Id: BA176
Direction: NE
Distance: 0.671 mi., 3542 ft.
Elevation: 703 ft.
Relative: Higher

Site Name : 0403061530
35.45657, -119.032227
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257600
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-08-03
API Number :	0403061530
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.45657
Longitude :	-119.032227
Last Date in Agency List :	2025-01-30

Map Id: V177
Direction: NNE
Distance: 0.673 mi., 3556 ft.
Elevation: 698 ft.
Relative: Higher

Site Name : 0403062517
35.457802, -119.035339
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10363120
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062517
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457802
Longitude :	-119.035339
Last Date in Agency List :	2025-01-30

Map Id: X178
Direction: NE
Distance: 0.674 mi., 3558 ft.
Elevation: 697 ft.
Relative: Higher

Site Name : 0402965407
35.455227, -119.030167
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9790976
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402965407
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	K0925
Operator Name :	Kern Front-Section 35-Partners
Lease Name :	Crystal Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 35, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.455227
Longitude :	-119.030167
Last Date in Agency List :	2025-01-30

Map Id: BA179
Direction: NE
Distance: 0.676 mi., 3568 ft.
Elevation: 703 ft.
Relative: Higher

Site Name : 0403066934
35.456569, -119.03207
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 23362757
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-12-14
API Number :	0403066934
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.456569
Longitude :	-119.03207
Last Date in Agency List :	2025-01-30

Map Id: BA180
Direction: NE
Distance: 0.676 mi., 3571 ft.
Elevation: 702 ft.
Relative: Higher

Site Name : 0403061315
35.456456, -119.031852
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 51886218
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-08-11
API Number :	0403061315
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.456456
Longitude :	-119.031852
Last Date in Agency List :	2025-01-30

Map Id: V181
Direction: NNE
Distance: 0.677 mi., 3577 ft.
Elevation: 699 ft.
Relative: Higher

Site Name : 0402910835
35.457607, -119.034424
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10311955
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910835
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457607
Longitude :	-119.034424
Last Date in Agency List :	2025-01-30

Map Id: BA182
Direction: NE
Distance: 0.678 mi., 3582 ft.
Elevation: 699 ft.
Relative: Higher

Site Name : 0402904098
35.45633, -119.031574
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 52343902
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402904098
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.45633
Longitude :	-119.031574
Last Date in Agency List :	2025-01-30

Map Id: BA183
Direction: NE
Distance: 0.680 mi., 3593 ft.
Elevation: 704 ft.
Relative: Higher

Site Name : 0403066877
35.456652, -119.03207
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 23364439
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-12-16
API Number :	0403066877
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.456652
Longitude :	-119.03207
Last Date in Agency List :	2025-01-30

Map Id: BA184
Direction: NE
Distance: 0.681 mi., 3594 ft.
Elevation: 693 ft.
Relative: Higher

Site Name : 0402904099
35.456249, -119.03138
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9853034
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402904099
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456249
Longitude :	-119.03138
Last Date in Agency List :	2025-01-30

Map Id: BC185
Direction: NNW
Distance: 0.681 mi., 3596 ft.
Elevation: 634 ft.
Relative: Higher

Site Name : 352729119024101
35.458013, -119.045657
CA
Database(s) : [NWIS]

Envirosite ID: 9207372
EPA ID: N/R

NWIS

Site Identification Number :	352729119024101
Site Type :	Well
Station Name :	028S027E26N001M
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Kern County
Country :	USA
Land Net Location :	SWSWS26 T28S R27E M
Name of Location Map :	KERN RIVER F2
Scale of Location Map :	63360
Altitude of Gage/Land Surface :	640.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Tulare Lake Bed
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	1956
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R

Map Id: BC185
Direction: NNW
Distance: 0.681 mi., 3596 ft.
Elevation: 634 ft.
Relative: Higher

Site Name : 352729119024101
35.458013, -119.045657
CA

Database(s) : [NWIS] *(cont.)*

Envirosite ID: 9207372
EPA ID: N/R

NWIS *(cont.)*

Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-Other GW Files :	YYNNNNNN
National Aquifer :	Central Valley aquifer system
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	715
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Measurements Begin Date:	N/R
Field Water-level Measurements End Date:	N/R
Field Water-Level Measurements Count:	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	35.458013
Longitude :	-119.045657
Last Date in Agency List :	2024-12-02

Map Id: BA186
Direction: NE
Distance: 0.681 mi., 3596 ft.
Elevation: 703 ft.
Relative: Higher

Site Name : 0403061774
35.45654, -119.031851
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 58184404
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-08-08
API Number :	0403061774
Well Status :	Idle
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary

Map Id: BA186
Direction: NE
Distance: 0.681 mi., 3596 ft.
Elevation: 703 ft.
Relative: Higher

Site Name : 0403061774
35.45654, -119.031851
CA
Database(s) : [OIL & GAS WELLS - CA] *(cont.)*

Envirosite ID: 58184404
EPA ID: N/R

OIL & GAS WELLS - CA *(cont.)*

Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.45654
Longitude :	-119.031851
Last Date in Agency List :	2025-01-30

Map Id: Y187
Direction: NNE
Distance: 0.681 mi., 3597 ft.
Elevation: 688 ft.
Relative: Higher

Site Name : 0403059670
35.458328, -119.038445
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9811127
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403059670
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Hood-Bloemer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458328
Longitude :	-119.038445
Last Date in Agency List :	2025-01-30

Map Id: Y188
Direction: NNE
Distance: 0.682 mi., 3602 ft.
Elevation: 690 ft.
Relative: Higher

Site Name : 0403060614
35.458336, -119.038216
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9811354
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-01-07
API Number :	0403060614
Well Status :	Idle

Map Id: Y188
Direction: NNE
Distance: 0.682 mi., 3602 ft.
Elevation: 690 ft.
Relative: Higher

Site Name : 0403060614
35.458336, -119.038216
CA

Database(s) : [OIL & GAS WELLS - CA] *(cont.)*

Envirosite ID: 9811354
EPA ID: N/R

OIL & GAS WELLS - CA *(cont.)*

Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Hood-Bloemer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458336
Longitude :	-119.038216
Last Date in Agency List :	2025-01-30

Map Id: BA189
Direction: NE
Distance: 0.683 mi., 3606 ft.
Elevation: 692 ft.
Relative: Higher

Site Name : 0403061321
35.456133, -119.031138
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 53130082
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-08-11
API Number :	0403061321
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.456133
Longitude :	-119.031138
Last Date in Agency List :	2025-01-30

Map Id: V190
Direction: NNE
Distance: 0.683 mi., 3608 ft.
Elevation: 699 ft.
Relative: Higher

Site Name : 0403062020
35.45776, -119.03463
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9811720
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062020
Well Status :	Canceled
Well Type :	Injection
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.45776
Longitude :	-119.03463
Last Date in Agency List :	2025-01-30

Map Id: X191
Direction: NE
Distance: 0.685 mi., 3615 ft.
Elevation: 694 ft.
Relative: Higher

Site Name : POLE
35.455858, -119.030694
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 813562
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030192
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00036
Above Mean Sea Level Height (Feet) :	00730
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 21.09N
Longitude :	119 01 50.50W

Map Id: BA192
Direction: NE
Distance: 0.686 mi., 3620 ft.
Elevation: 704 ft.
Relative: Higher

Site Name : 0403061394
35.456622, -119.031852
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 58184260
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-08-14
API Number :	0403061394
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.456622
Longitude :	-119.031852
Last Date in Agency List :	2025-01-30

Map Id: BD193
Direction: NNW
Distance: 0.691 mi., 3647 ft.
Elevation: 602 ft.
Relative: Higher

Site Name : 0403041886
35.456505, -119.049828
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10357577
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403041886
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456505
Longitude :	-119.049828
Last Date in Agency List :	2025-01-30

Map Id: BD194
Direction: NNW
Distance: 0.691 mi., 3649 ft.
Elevation: 601 ft.
Relative: Higher

Site Name : 0402910662
35.456528, -119.049805
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208000
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	1951-01-05
API Number :	0402910662
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456528
Longitude :	-119.049805
Last Date in Agency List :	2025-01-30

Map Id: 195
Direction: W
Distance: 0.692 mi., 3656 ft.
Elevation: 506 ft.
Relative: Lower

Site Name : TOWER
35.440928, -119.059842
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 819988
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030415
Obstacle Type :	TOWER
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Red
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00067
Above Mean Sea Level Height (Feet) :	00573
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 26 27.34N
Longitude :	119 03 35.43W

Map Id: 196
Direction: ENE
Distance: 0.693 mi., 3662 ft.
Elevation: 692 ft.
Relative: Higher

Site Name : POLE
35.453186, -119.027925
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814074
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030191
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00038
Above Mean Sea Level Height (Feet) :	00730
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 11.47N
Longitude :	119 01 40.53W

Map Id: 197
Direction: N
Distance: 0.697 mi., 3678 ft.
Elevation: 659 ft.
Relative: Higher

Site Name : 0402908928
35.458576, -119.041054
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10207686
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402908928
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	D2700
Operator Name :	Rosie E. Doe
Lease Name :	Hood-Bloemer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458576
Longitude :	-119.041054
Last Date in Agency List :	2025-01-30

Map Id: Y198
Direction: NNE
Distance: 0.698 mi., 3684 ft.
Elevation: 686 ft.
Relative: Higher

Site Name : 0402908927
35.458576, -119.039268
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10207684
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402908927
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	D2700
Operator Name :	Rosie E. Doe
Lease Name :	Hood-Bloemer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458576
Longitude :	-119.039268
Last Date in Agency List :	2025-01-30

Map Id: BA199
Direction: NE
Distance: 0.699 mi., 3691 ft.
Elevation: 705 ft.
Relative: Higher

Site Name : 0403062028
35.456612, -119.031425
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9890081
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062028
Well Status :	Canceled
Well Type :	Injection
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456612
Longitude :	-119.031425
Last Date in Agency List :	2025-01-30

Map Id: BC200
Direction: NNW
Distance: 0.700 mi., 3698 ft.
Elevation: 640 ft.
Relative: Higher

Site Name : 0402910873
35.458252, -119.045883
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854838
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910873
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	02635
Operator Name :	Elmer C. Von Glahn
Lease Name :	Lease by Elmer C. Von Glahn
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458252
Longitude :	-119.045883
Last Date in Agency List :	2025-01-30

Map Id: 201
Direction: NW
Distance: 0.701 mi., 3704 ft.
Elevation: 583 ft.
Relative: Lower

Site Name : 0402910178
35.455208, -119.051834
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10311937
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910178
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	S3100
Operator Name :	Shell Western E&P Inc.
Lease Name :	Kramer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 34, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.455208
Longitude :	-119.051834
Last Date in Agency List :	2025-01-30

Map Id: BA202
Direction: NE
Distance: 0.704 mi., 3720 ft.
Elevation: 693 ft.
Relative: Higher

Site Name : 0403066880
35.456532, -119.031135
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 58178247
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-12-11
API Number :	0403066880
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.456532
Longitude :	-119.031135
Last Date in Agency List :	2025-01-30

Map Id: BE203
Direction: NE
Distance: 0.705 mi., 3721 ft.
Elevation: 701 ft.
Relative: Higher

Site Name : 0402910834
35.457516, -119.033012
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773359
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910834
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457516
Longitude :	-119.033012
Last Date in Agency List :	2025-01-30

Map Id: Y204
Direction: NNE
Distance: 0.705 mi., 3724 ft.
Elevation: 692 ft.
Relative: Higher

Site Name : 0403060715
35.458669, -119.038227
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257107
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-01-14
API Number :	0403060715
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	SEC 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458669
Longitude :	-119.038227
Last Date in Agency List :	2025-01-30

Map Id: 205
Direction: NNW
Distance: 0.706 mi., 3728 ft.
Elevation: 619 ft.
Relative: Higher

Site Name : 0402910672
35.457615, -119.048157
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208006
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910672
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457615
Longitude :	-119.048157
Last Date in Agency List :	2025-01-30

Map Id: BF206
Direction: NE
Distance: 0.709 mi., 3743 ft.
Elevation: 708 ft.
Relative: Higher

Site Name : 0403061395
35.45723, -119.032242
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10364674
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403061395
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.45723
Longitude :	-119.032242
Last Date in Agency List :	2025-01-30

Map Id: BA207
Direction: NE
Distance: 0.712 mi., 3758 ft.
Elevation: 706 ft.
Relative: Higher

Site Name : 0402910847
35.456886, -119.031509
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208059
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910847
Well Status :	Plugged
Well Type :	Water Source
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456886
Longitude :	-119.031509
Last Date in Agency List :	2025-01-30

Map Id: BG208
Direction: NNE
Distance: 0.714 mi., 3771 ft.
Elevation: 696 ft.
Relative: Higher

Site Name : 0403060836
35.458579, -119.036131
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362495
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-01-29
API Number :	0403060836
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	SEC 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458579
Longitude :	-119.036131
Last Date in Agency List :	2025-01-30

Map Id: BH209
Direction: NNE
Distance: 0.718 mi., 3789 ft.
Elevation: 698 ft.
Relative: Higher

Site Name : 0402990006
35.458727, -119.036768
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9874774
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-02-04
API Number :	0402990006
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	SEC 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458727
Longitude :	-119.036768
Last Date in Agency List :	2025-01-30

Map Id: BG210
Direction: NNE
Distance: 0.720 mi., 3803 ft.
Elevation: 702 ft.
Relative: Higher

Site Name : 0403060717
35.458577, -119.035661
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9889743
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-05-11
API Number :	0403060717
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458577
Longitude :	-119.035661
Last Date in Agency List :	2025-01-30

Map Id: Y211
Direction: NNE
Distance: 0.720 mi., 3804 ft.
Elevation: 695 ft.
Relative: Higher

Site Name : 0402910823
35.458866, -119.037781
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773351
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910823
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458866
Longitude :	-119.037781
Last Date in Agency List :	2025-01-30

Map Id: BE212
Direction: NE
Distance: 0.721 mi., 3805 ft.
Elevation: 703 ft.
Relative: Higher

Site Name : 0402910833
35.457645, -119.032707
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10311953
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910833
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457645
Longitude :	-119.032707
Last Date in Agency List :	2025-01-30

Map Id: Y213
Direction: NNE
Distance: 0.721 mi., 3807 ft.
Elevation: 697 ft.
Relative: Higher

Site Name : 0403062006
35.458858, -119.037537
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10364876
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062006
Well Status :	Canceled
Well Type :	Injection
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458858
Longitude :	-119.037537
Last Date in Agency List :	2025-01-30

Map Id: BG214
Direction: NNE
Distance: 0.721 mi., 3809 ft.
Elevation: 703 ft.
Relative: Higher

Site Name : 0403060835
35.458573, -119.035561
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362485
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-05-10
API Number :	0403060835
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458573
Longitude :	-119.035561
Last Date in Agency List :	2025-01-30

Map Id: BE215
Direction: NE
Distance: 0.722 mi., 3811 ft.
Elevation: 701 ft.
Relative: Higher

Site Name : 0403062021
35.457851, -119.033157
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9811822
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062021
Well Status :	Canceled
Well Type :	Injection
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457851
Longitude :	-119.033157
Last Date in Agency List :	2025-01-30

Map Id: BG216
Direction: NNE
Distance: 0.723 mi., 3820 ft.
Elevation: 698 ft.
Relative: Higher

Site Name : 0403066720
35.458781, -119.036548
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10367207
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-11-07
API Number :	0403066720
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458781
Longitude :	-119.036548
Last Date in Agency List :	2025-01-30

Map Id: BG217
Direction: NNE
Distance: 0.724 mi., 3822 ft.
Elevation: 706 ft.
Relative: Higher

Site Name : 0403060834
35.458566, -119.03536
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9891276
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-05-03
API Number :	0403060834
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458566
Longitude :	-119.03536
Last Date in Agency List :	2025-01-30

Map Id: Y218
Direction: NNE
Distance: 0.724 mi., 3824 ft.
Elevation: 694 ft.
Relative: Higher

Site Name : 0403059675
35.458945, -119.038232
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10364214
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-01-10
API Number :	0403059675
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458945
Longitude :	-119.038232
Last Date in Agency List :	2025-01-30

Map Id: BG219
Direction: NNE
Distance: 0.727 mi., 3841 ft.
Elevation: 699 ft.
Relative: Higher

Site Name : 0403066726
35.458848, -119.036603
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 49220679
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-11-05
API Number :	0403066726
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458848
Longitude :	-119.036603
Last Date in Agency List :	2025-01-30

Map Id: BH220
Direction: NNE
Distance: 0.729 mi., 3852 ft.
Elevation: 700 ft.
Relative: Higher

Site Name : 0403060716
35.45892, -119.036926
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257109
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403060716
Well Status :	Idle
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	SEC 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.45892
Longitude :	-119.036926
Last Date in Agency List :	2025-01-30

Map Id: BG221
Direction: NNE
Distance: 0.732 mi., 3864 ft.
Elevation: 700 ft.
Relative: Higher

Site Name : 0402910824
35.458858, -119.036255
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9855011
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910824
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458858
Longitude :	-119.036255
Last Date in Agency List :	2025-01-30

Map Id: BI222
Direction: N
Distance: 0.735 mi., 3883 ft.
Elevation: 653 ft.
Relative: Higher

Site Name : 0402910044
35.458889, -119.045334
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9772996
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910044
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	D2700
Operator Name :	Rosie E. Doe
Lease Name :	Asthore-Watterson
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458889
Longitude :	-119.045334
Last Date in Agency List :	2025-01-30

Map Id: BI223
Direction: N
Distance: 0.736 mi., 3885 ft.
Elevation: 655 ft.
Relative: Higher

Site Name : POLE
35.458956, -119.044975
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814079
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030119
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00048
Above Mean Sea Level Height (Feet) :	00703
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 32.24N
Longitude :	119 02 41.91W

Map Id: BJ224
Direction: NE
Distance: 0.737 mi., 3889 ft.
Elevation: 704 ft.
Relative: Higher

Site Name : 0402910843
35.456326, -119.029953
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208056
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910843
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456326
Longitude :	-119.029953
Last Date in Agency List :	2025-01-30

Map Id: 225
Direction: NE
Distance: 0.740 mi., 3905 ft.
Elevation: 704 ft.
Relative: Higher

Site Name : 0402910851
35.455437, -119.028824
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10312203
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910851
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	08550
Operator Name :	Trico Oil and Gas Company
Lease Name :	Cauley
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.455437
Longitude :	-119.028824
Last Date in Agency List :	2025-01-30

Map Id: BI226
Direction: N
Distance: 0.740 mi., 3906 ft.
Elevation: 656 ft.
Relative: Higher

Site Name : 0402910046
35.459076, -119.044556
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10311875
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910046
Well Status :	Active
Well Type :	Observation
Operator Code :	11887
Operator Name :	C&J Well Services, LLC
Lease Name :	Lease by C&J Well Services, LLC
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459076
Longitude :	-119.044556
Last Date in Agency List :	2025-01-30

Map Id: BK227
Direction: NNE
Distance: 0.741 mi., 3912 ft.
Elevation: 713 ft.
Relative: Higher

Site Name : 0403060974
35.458615, -119.034525
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362537
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-05-07
API Number :	0403060974
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458615
Longitude :	-119.034525
Last Date in Agency List :	2025-01-30

Map Id: BG228
Direction: NNE
Distance: 0.741 mi., 3912 ft.
Elevation: 702 ft.
Relative: Higher

Site Name : 0403062007
35.45892, -119.035828
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362934
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062007
Well Status :	Canceled
Well Type :	Injection
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.45892
Longitude :	-119.035828
Last Date in Agency List :	2025-01-30

Map Id: BL229
Direction: NW
Distance: 0.741 mi., 3916 ft.
Elevation: 594 ft.
Relative: Higher

Site Name : 0403041885
35.456387, -119.051414
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9884937
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403041885
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456387
Longitude :	-119.051414
Last Date in Agency List :	2025-01-30

Map Id: BJ230
Direction: NE
Distance: 0.742 mi., 3917 ft.
Elevation: 704 ft.
Relative: Higher

Site Name : 0402910844
35.45628, -119.029755
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854827
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910844
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.45628
Longitude :	-119.029755
Last Date in Agency List :	2025-01-30

Map Id: BG231
Direction: NNE
Distance: 0.744 mi., 3928 ft.
Elevation: 701 ft.
Relative: Higher

Site Name : 0403060638
35.459051, -119.036335
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362414
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-01-26
API Number :	0403060638
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459051
Longitude :	-119.036335
Last Date in Agency List :	2025-01-30

Map Id: BL232
Direction: NW
Distance: 0.745 mi., 3933 ft.
Elevation: 597 ft.
Relative: Higher

Site Name : 0402910647
35.456459, -119.051406
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 51887583
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	1951-06-21
API Number :	0402910647
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456459
Longitude :	-119.051406
Last Date in Agency List :	2025-01-30

Map Id: BF233
Direction: NE
Distance: 0.745 mi., 3934 ft.
Elevation: 714 ft.
Relative: Higher

Site Name : 0402910832
35.457626, -119.031807
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10312191
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910832
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457626
Longitude :	-119.031807
Last Date in Agency List :	2025-01-30

Map Id: BG234
Direction: NNE
Distance: 0.747 mi., 3942 ft.
Elevation: 701 ft.
Relative: Higher

Site Name : 0403059676
35.459029, -119.035965
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10256762
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-01-20
API Number :	0403059676
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459029
Longitude :	-119.035965
Last Date in Agency List :	2025-01-30

Map Id: BK235
Direction: NNE
Distance: 0.747 mi., 3943 ft.
Elevation: 712 ft.
Relative: Higher

Site Name : 0402904097
35.458767, -119.03476
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9853033
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402904097
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458767
Longitude :	-119.03476
Last Date in Agency List :	2025-01-30

Map Id: 236
Direction: NNW
Distance: 0.749 mi., 3957 ft.
Elevation: 647 ft.
Relative: Higher

Site Name : 0402908930
35.458809, -119.046631
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854351
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402908930
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	D2700
Operator Name :	Rosie E. Doe
Lease Name :	Turner
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458809
Longitude :	-119.046631
Last Date in Agency List :	2025-01-30

Map Id: BG237
Direction: NNE
Distance: 0.750 mi., 3959 ft.
Elevation: 704 ft.
Relative: Higher

Site Name : 0403060639
35.459007, -119.035598
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362417
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-01-24
API Number :	0403060639
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459007
Longitude :	-119.035598
Last Date in Agency List :	2025-01-30

Map Id: BJ238
Direction: NE
Distance: 0.750 mi., 3961 ft.
Elevation: 705 ft.
Relative: Higher

Site Name : 0403062029
35.456619, -119.029991
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9890084
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062029
Well Status :	Canceled
Well Type :	Injection
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456619
Longitude :	-119.029991
Last Date in Agency List :	2025-01-30

Map Id: BM239
Direction: NE
Distance: 0.750 mi., 3963 ft.
Elevation: 702 ft.
Relative: Higher

Site Name : POLE
35.458053, -119.032519
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814553
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030200
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00041
Above Mean Sea Level Height (Feet) :	00743
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 28.99N
Longitude :	119 01 57.07W

Map Id: BN240
Direction: NE
Distance: 0.752 mi., 3973 ft.
Elevation: 711 ft.
Relative: Higher

Site Name : 0402910831
35.457497, -119.031319
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773357
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910831
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457497
Longitude :	-119.031319
Last Date in Agency List :	2025-01-30

Map Id: BG241
Direction: NNE
Distance: 0.754 mi., 3980 ft.
Elevation: 709 ft.
Relative: Higher

Site Name : 0403059677
35.458988, -119.035233
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10364215
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-01-17
API Number :	0403059677
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458988
Longitude :	-119.035233
Last Date in Agency List :	2025-01-30

Map Id: BO242
Direction: SW
Distance: 0.758 mi., 4003 ft.
Elevation: 483 ft.
Relative: Lower

Site Name : POLE
35.4338, -119.057317
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 813783
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030079
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Red
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00018
Above Mean Sea Level Height (Feet) :	00500
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 26 01.68N
Longitude :	119 03 26.34W

Map Id: BK243
Direction: NNE
Distance: 0.759 mi., 4007 ft.
Elevation: 714 ft.
Relative: Higher

Site Name : 0402940511
35.458897, -119.034554
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10321680
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402940511
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458897
Longitude :	-119.034554
Last Date in Agency List :	2025-01-30

Map Id: BP244
Direction: NNW
Distance: 0.759 mi., 4009 ft.
Elevation: 610 ft.
Relative: Higher

Site Name : 0402910660
35.458096, -119.049057
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10207999
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910660
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458096
Longitude :	-119.049057
Last Date in Agency List :	2025-01-30

Map Id: BQ245
Direction: NNW
Distance: 0.762 mi., 4021 ft.
Elevation: 610 ft.
Relative: Higher

Site Name : 0402910646
35.457199, -119.050789
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10312126
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910646
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457199
Longitude :	-119.050789
Last Date in Agency List :	2025-01-30

Map Id: BR246
Direction: ENE
Distance: 0.763 mi., 4030 ft.
Elevation: 665 ft.
Relative: Higher

Site Name : TOWER
35.448139, -119.02525
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 822431
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2011-04-20
Action :	Change
FAA Study Number :	2007AWP03958OE
OBS Number :	06-003204
Obstacle Type :	TOWER
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Verified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00105
Above Mean Sea Level Height (Feet) :	00775
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 26 53.30N
Longitude :	119 01 30.90W

Map Id: BI247
Direction: N
Distance: 0.763 mi., 4031 ft.
Elevation: 662 ft.
Relative: Higher

Site Name : POLE
35.459419, -119.044578
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814290
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030124
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00034
Above Mean Sea Level Height (Feet) :	00695
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 33.91N
Longitude :	119 02 40.48W

Map Id: BF248
Direction: NE
Distance: 0.765 mi., 4039 ft.
Elevation: 716 ft.
Relative: Higher

Site Name : 0403062022
35.457802, -119.031487
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9890079
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062022
Well Status :	Canceled
Well Type :	Injection
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457802
Longitude :	-119.031487
Last Date in Agency List :	2025-01-30

Map Id: BN249
Direction: NE
Distance: 0.765 mi., 4041 ft.
Elevation: 714 ft.
Relative: Higher

Site Name : 0402942385
35.457607, -119.031113
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10322534
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402942385
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457607
Longitude :	-119.031113
Last Date in Agency List :	2025-01-30

Map Id: BS250
Direction: N
Distance: 0.765 mi., 4042 ft.
Elevation: 674 ft.
Relative: Higher

Site Name : 0403060701
35.459579, -119.041893
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257096
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403060701
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459579
Longitude :	-119.041893
Last Date in Agency List :	2025-01-30

Map Id: BP251
Direction: NNW
Distance: 0.766 mi., 4044 ft.
Elevation: 609 ft.
Relative: Higher

Site Name : 0402910661
35.457775, -119.049934
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208147
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910661
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457775
Longitude :	-119.049934
Last Date in Agency List :	2025-01-30

Map Id: BI252
Direction: NNW
Distance: 0.766 mi., 4045 ft.
Elevation: 654 ft.
Relative: Higher

Site Name : 0402910045
35.459236, -119.045891
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773245
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910045
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	P4005
Operator Name :	Pool California Energy Services, Inc.
Lease Name :	Turner
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459236
Longitude :	-119.045891
Last Date in Agency List :	2025-01-30

Map Id: 253
Direction: N
Distance: 0.766 mi., 4045 ft.
Elevation: 668 ft.
Relative: Higher

Site Name : 0403060702
35.459579, -119.040878
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257280
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403060702
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459579
Longitude :	-119.040878
Last Date in Agency List :	2025-01-30

Map Id: BT254
Direction: N
Distance: 0.767 mi., 4048 ft.
Elevation: 672 ft.
Relative: Higher

Site Name : 0403060703
35.459579, -119.039963
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257281
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403060703
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459579
Longitude :	-119.039963
Last Date in Agency List :	2025-01-30

Map Id: BR255
Direction: ENE
Distance: 0.767 mi., 4049 ft.
Elevation: 667 ft.
Relative: Higher

Site Name : T-L TWR
35.448358, -119.025183
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 817230
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030188
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00106
Above Mean Sea Level Height (Feet) :	00773
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 26 54.09N
Longitude :	119 01 30.66W

Map Id: BT256
Direction: NNE
Distance: 0.767 mi., 4050 ft.
Elevation: 688 ft.
Relative: Higher

Site Name : 0403060705
35.459579, -119.039162
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257284
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403060705
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459579
Longitude :	-119.039162
Last Date in Agency List :	2025-01-30

Map Id: BK257
Direction: NNE
Distance: 0.769 mi., 4063 ft.
Elevation: 717 ft.
Relative: Higher

Site Name : 0403062015
35.458931, -119.034103
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10364879
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062015
Well Status :	Canceled
Well Type :	Injection
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458931
Longitude :	-119.034103
Last Date in Agency List :	2025-01-30

Map Id: BN258
Direction: NE
Distance: 0.773 mi., 4081 ft.
Elevation: 704 ft.
Relative: Higher

Site Name : POLE
35.45745, -119.030611
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 807270
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030216
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00039
Above Mean Sea Level Height (Feet) :	00742
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 26.82N
Longitude :	119 01 50.20W

Map Id: BI259
Direction: N
Distance: 0.774 mi., 4086 ft.
Elevation: 656 ft.
Relative: Higher

Site Name : POLE
35.459442, -119.045428
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812505
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030122
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00036
Above Mean Sea Level Height (Feet) :	00691
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 33.99N
Longitude :	119 02 43.54W

Map Id: BM260
Direction: NNE
Distance: 0.776 mi., 4096 ft.
Elevation: 717 ft.
Relative: Higher

Site Name : 0402910825
35.458744, -119.033234
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208192
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910825
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458744
Longitude :	-119.033234
Last Date in Agency List :	2025-01-30

Map Id: BU261
Direction: NNW
Distance: 0.776 mi., 4098 ft.
Elevation: 624 ft.
Relative: Higher

Site Name : 0402910671
35.458733, -119.048172
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854969
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910671
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458733
Longitude :	-119.048172
Last Date in Agency List :	2025-01-30

Map Id: BM262
Direction: NE
Distance: 0.781 mi., 4122 ft.
Elevation: 713 ft.
Relative: Higher

Site Name : 0402910846
35.458576, -119.032593
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854829
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910846
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458576
Longitude :	-119.032593
Last Date in Agency List :	2025-01-30

Map Id: BM263
Direction: NNE
Distance: 0.781 mi., 4123 ft.
Elevation: 718 ft.
Relative: Higher

Site Name : 0402910826
35.458878, -119.033386
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10311950
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910826
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458878
Longitude :	-119.033386
Last Date in Agency List :	2025-01-30

Map Id: BN264
Direction: NE
Distance: 0.783 mi., 4137 ft.
Elevation: 702 ft.
Relative: Higher

Site Name : 0402910830
35.457497, -119.030373
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9855017
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910830
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457497
Longitude :	-119.030373
Last Date in Agency List :	2025-01-30

Map Id: BV265
Direction: NW
Distance: 0.785 mi., 4146 ft.
Elevation: 566 ft.
Relative: Lower

Site Name : 0402910917
35.453636, -119.056511
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773631
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910917
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	09287
Operator Name :	Wilrich Development Co.
Lease Name :	Wilrich Kramer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 34, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.453636
Longitude :	-119.056511
Last Date in Agency List :	2025-01-30

Map Id: BW266
Direction: SW
Distance: 0.787 mi., 4153 ft.
Elevation: 480 ft.
Relative: Lower

Site Name : POLE
35.432947, -119.056972
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814495
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030066
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Red
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00016
Above Mean Sea Level Height (Feet) :	00496
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 25 58.61N
Longitude :	119 03 25.10W

Map Id: BO267
Direction: WSW
Distance: 0.787 mi., 4155 ft.
Elevation: 482 ft.
Relative: Lower

Site Name : POLE
35.433964, -119.058189
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 807264
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030065
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Red
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00014
Above Mean Sea Level Height (Feet) :	00496
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 26 02.27N
Longitude :	119 03 29.48W

Map Id: BW268
Direction: SW
Distance: 0.787 mi., 4157 ft.
Elevation: 480 ft.
Relative: Lower

Site Name : TOWER
35.432858, -119.056869
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 820092
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030417
Obstacle Type :	TOWER
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00031
Above Mean Sea Level Height (Feet) :	00511
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 25 58.29N
Longitude :	119 03 24.73W

Map Id: BN269
Direction: NE
Distance: 0.788 mi., 4163 ft.
Elevation: 710 ft.
Relative: Higher

Site Name : 0403061402
35.457241, -119.029839
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257560
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403061402
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	E0100
Operator Name :	E & B Natural Resources Management Corporation
Lease Name :	Mabry
Field Name :	Poso Creek
Area Name :	Premier
District :	Inland
County :	Kern
Section/Township/Range :	SEC 04, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457241
Longitude :	-119.029839
Last Date in Agency List :	2025-01-30

Map Id: BX270
Direction: N
Distance: 0.791 mi., 4177 ft.
Elevation: 666 ft.
Relative: Higher

Site Name : 0403060596
35.459884, -119.044041
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9811465
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-11-04
API Number :	0403060596
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459884
Longitude :	-119.044041
Last Date in Agency List :	2025-01-30

Map Id: BW271
Direction: SW
Distance: 0.792 mi., 4181 ft.
Elevation: 480 ft.
Relative: Lower

Site Name : POLE
35.433, -119.057178
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 822075
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030078
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00032
Above Mean Sea Level Height (Feet) :	00512
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 25 58.80N
Longitude :	119 03 25.84W

Map Id: BT272
Direction: N
Distance: 0.792 mi., 4182 ft.
Elevation: 672 ft.
Relative: Higher

Site Name : 0403039884
35.459946, -119.039925
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9886038
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2010-03-03
API Number :	0403039884
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459946
Longitude :	-119.039925
Last Date in Agency List :	2025-01-30

Map Id: BN273
Direction: NE
Distance: 0.793 mi., 4187 ft.
Elevation: 705 ft.
Relative: Higher

Site Name : POLE
35.457453, -119.030031
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 813768
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030221
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00037
Above Mean Sea Level Height (Feet) :	00741
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 26.83N
Longitude :	119 01 48.11W

Map Id: BX274
Direction: N
Distance: 0.793 mi., 4188 ft.
Elevation: 667 ft.
Relative: Higher

Site Name : 0403060592
35.459922, -119.043951
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362392
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-11-07
API Number :	0403060592
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459922
Longitude :	-119.043951
Last Date in Agency List :	2025-01-30

Map Id: BT275
Direction: N
Distance: 0.794 mi., 4195 ft.
Elevation: 674 ft.
Relative: Higher

Site Name : 0402910821
35.459988, -119.040657
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208189
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910821
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459988
Longitude :	-119.040657
Last Date in Agency List :	2025-01-30

Map Id: BW276
Direction: SW
Distance: 0.795 mi., 4200 ft.
Elevation: 480 ft.
Relative: Lower

Site Name : POLE
35.432919, -119.057167
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814494
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030077
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00022
Above Mean Sea Level Height (Feet) :	00502
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 25 58.51N
Longitude :	119 03 25.80W

Map Id: BX277
Direction: N
Distance: 0.795 mi., 4200 ft.
Elevation: 667 ft.
Relative: Higher

Site Name : 0403060597
35.459962, -119.043865
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9891237
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-11-17
API Number :	0403060597
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459962
Longitude :	-119.043865
Last Date in Agency List :	2025-01-30

Map Id: BX278
Direction: N
Distance: 0.796 mi., 4203 ft.
Elevation: 668 ft.
Relative: Higher

Site Name : 0402910284
35.45998, -119.043747
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773363
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910284
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	M6900
Operator Name :	Mobil Oil Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.45998
Longitude :	-119.043747
Last Date in Agency List :	2025-01-30

Map Id: BY279
Direction: NNE
Distance: 0.796 mi., 4205 ft.
Elevation: 703 ft.
Relative: Higher

Site Name : 0402910731
35.459969, -119.037766
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773295
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910731
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459969
Longitude :	-119.037766
Last Date in Agency List :	2025-01-30

Map Id: BN280
Direction: NE
Distance: 0.797 mi., 4207 ft.
Elevation: 714 ft.
Relative: Higher

Site Name : 0403060978
35.457846, -119.030559
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 52343302
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-09-16
API Number :	0403060978
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.457846
Longitude :	-119.030559
Last Date in Agency List :	2025-01-30

Map Id: BN281
Direction: NE
Distance: 0.797 mi., 4210 ft.
Elevation: 715 ft.
Relative: Higher

Site Name : 0403066932
35.457957, -119.030734
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 44268121
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-12-18
API Number :	0403066932
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.457957
Longitude :	-119.030734
Last Date in Agency List :	2025-01-30

Map Id: BT282
Direction: NNE
Distance: 0.797 mi., 4211 ft.
Elevation: 676 ft.
Relative: Higher

Site Name : 0402910820
35.460018, -119.039093
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10311949
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910820
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460018
Longitude :	-119.039093
Last Date in Agency List :	2025-01-30

Map Id: BS283
Direction: N
Distance: 0.801 mi., 4228 ft.
Elevation: 673 ft.
Relative: Higher

Site Name : 0403060700
35.460091, -119.041901
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10364526
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403060700
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460091
Longitude :	-119.041901
Last Date in Agency List :	2025-01-30

Map Id: BN284
Direction: NE
Distance: 0.802 mi., 4232 ft.
Elevation: 715 ft.
Relative: Higher

Site Name : 0403061981
35.457928, -119.030551
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 51887658
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-09-13
API Number :	0403061981
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 25
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.457928
Longitude :	-119.030551
Last Date in Agency List :	2025-01-30

Map Id: BY285
Direction: NNE
Distance: 0.802 mi., 4236 ft.
Elevation: 688 ft.
Relative: Higher

Site Name : 0403059574
35.460079, -119.038345
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10256719
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403059574
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460079
Longitude :	-119.038345
Last Date in Agency List :	2025-01-30

Map Id: BZ286
Direction: NNE
Distance: 0.802 mi., 4238 ft.
Elevation: 721 ft.
Relative: Higher

Site Name : 0403060833
35.459049, -119.032907
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9811521
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-05-29
API Number :	0403060833
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459049
Longitude :	-119.032907
Last Date in Agency List :	2025-01-30

Map Id: BX287
Direction: N
Distance: 0.804 mi., 4248 ft.
Elevation: 669 ft.
Relative: Higher

Site Name : POLE
35.460108, -119.043661
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 815198
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030132
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00005
Above Mean Sea Level Height (Feet) :	00674
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 36.39N
Longitude :	119 02 37.18W

Map Id: BU288
Direction: NNW
Distance: 0.805 mi., 4253 ft.
Elevation: 637 ft.
Relative: Higher

Site Name : POLE
35.459444, -119.047419
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812630
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030117
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00034
Above Mean Sea Level Height (Feet) :	00669
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 34.00N
Longitude :	119 02 50.71W

Map Id: BS289
Direction: N
Distance: 0.806 mi., 4255 ft.
Elevation: 676 ft.
Relative: Higher

Site Name : 0402910822
35.460167, -119.042137
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208191
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910822
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460167
Longitude :	-119.042137
Last Date in Agency List :	2025-01-30

Map Id: CA290
Direction: NNE
Distance: 0.806 mi., 4255 ft.
Elevation: 708 ft.
Relative: Higher

Site Name : 0402910732
35.459957, -119.036293
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10312155
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910732
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459957
Longitude :	-119.036293
Last Date in Agency List :	2025-01-30

Map Id: BV291
Direction: NW
Distance: 0.806 mi., 4256 ft.
Elevation: 568 ft.
Relative: Lower

Site Name : 0402910677
35.453846, -119.056778
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854793
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910677
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C5640
Operator Name :	Chevron U.S.A. Inc.
Lease Name :	Emma Kramer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 34, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.453846
Longitude :	-119.056778
Last Date in Agency List :	2025-01-30

Map Id: BN292
Direction: NE
Distance: 0.806 mi., 4258 ft.
Elevation: 716 ft.
Relative: Higher

Site Name : 0403061476
35.458009, -119.030543
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 52343650
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-09-10
API Number :	0403061476
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458009
Longitude :	-119.030543
Last Date in Agency List :	2025-01-30

Map Id: 293
Direction: SE
Distance: 0.808 mi., 4264 ft.
Elevation: 549 ft.
Relative: Lower

Site Name : OILDALE MUTUAL WATER - WAREHOUSE | CA1510015 | OILDALE MWC-WELL 03 - CL2
2836 MCCRAY ST
BAKERSFIELD, CA 93308

Database(s) : [PWS, PWS ENF]

Envirosite ID: 1041865
EPA ID: N/R

PWS

Facility Address :	2836 MCCRAY ST, BAKERSFIELD, CA 93308
PWS ID :	CA1510015
PWS Type :	Community water system
PWS Name :	OILDALE MWC
Activity Status :	Active
Primary Source :	Surface water purchased
Submission Year :	2024
Submission Year Quarter :	2024Q1
Population Served Count :	39,756
Service Connections Count :	12207
Population Category 2 :	10,000+
Population Category 3 :	3,301-50,000
Population Category 4 :	10K-49,999
Population Category 5 :	10,001-100,000
Population Category 11 :	10,001-50,000
Submission Quarter :	1
Submission Status Code :	Y
First Reported Date :	1979-03-22
Last Reported Date :	2024-02-15

Map Id: 293
Direction: SE
Distance: 0.808 mi., 4264 ft.
Elevation: 549 ft.
Relative: Lower

Site Name : OILDALE MUTUAL WATER - WAREHOUSE | CA1510015 | OILDALE MWC-WELL 03 - CL2
2836 MCCRAY ST
BAKERSFIELD, CA 93308

Database(s) : [PWS, PWS ENF] *(cont.)*

Envirosite ID: 1041865
EPA ID: N/R

PWS *(cont.)*

Deactivation Date :	N/R
GW or SW :	Surface water
Is Grant Eligible :	Y
Is Outstanding Performer :	N/R
Is School or Daycare :	N
Is Source Water Protected :	N/R
Primacy Agency :	California
Primacy Type :	State
Org Name :	NUNNELEY, RYAN
EPA Region :	Region 9
Admin Name :	NUNNELEY, RYAN
Owner Type :	Private
Phone Number :	661-399-5516
Phone Ext Number :	N/R
Alt Phone Number :	N/R
Email Address :	rnunneley@oildalewater.com
Fax Number :	N/R
Is Wholesaler :	Y
LT2 Schedule Category :	N/R
NPM Candidate :	Y
CDS ID :	N/R
DBPR Schedule Category :	N/R
Outstanding Performer Date :	N/R
Season Begin Date :	N/R
Season End Date :	N/R
Source Water Protection Date :	N/R
Seasonal Startup System :	N/R
Reduced Monitoring Begin Date :	N/R
Reduced Monitoring End Date :	N/R
Reduced RTCR Monitoring :	N/R
Last Date in Agency List :	2024-08-16

PWS ENF

Facility Address :	2836 MCCRAY ST, BAKERSFIELD, CA 93308

Site Details

PWS ID :	CA1510015
PWS Name :	OILDALE MWC
EPA Region :	Region 9
Primacy Agency :	California
PWS Type :	Community water system
Primacy Type :	State
Primary Source :	Surface water purchased
Activity Status :	Active
Deactivation Date :	N/R
Owner Type :	Private
Phone Number :	661-399-5516
Last Date in Agency List :	2024-08-27

Map Id: 293
Direction: SE
Distance: 0.808 mi., 4264 ft.
Elevation: 549 ft.
Relative: Lower

Site Name : OILDALE MUTUAL WATER - WAREHOUSE | CA1510015 | OILDALE MWC-WELL 03 - CL2
2836 MCCRAY ST
BAKERSFIELD, CA 93308

Database(s) : [PWS, PWS ENF] *(cont.)*

Envirosite ID: 1041865
EPA ID: N/R

PWS ENF *(cont.)*

Violation Details

RTC Enforcement ID :	9712004
Violation ID :	9612002
Submission Year :	2024
Violation First Reported Date :	1997-04-03
Contaminant Name :	Coliform (TCR)
Rule Family :	Total Coliform Rules
Rule Group :	Microbials
Rule Name :	Total Coliform Rule
Violation Type :	Maximum Contaminant Level Violation, Monthly (TCR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	2836 MCCRAY ST, BAKERSFIELD, 93308
Address Line 2 :	N/R
Compliance Status :	Returned to Compliance
RTC Date :	1996-11-07
Enforcement Action Description :	State Compliance achieved
Admin Name :	NUNNELEY, RYAN
Email Address :	rnunneley@oildalewater.com

RTC Enforcement ID :	9912007
Violation ID :	9912004
Submission Year :	2024
Violation First Reported Date :	2016-02-22
Contaminant Name :	Coliform (TCR)
Rule Family :	Total Coliform Rules
Rule Group :	Microbials
Rule Name :	Total Coliform Rule
Violation Type :	Maximum Contaminant Level Violation, Monthly (TCR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	2836 MCCRAY ST, BAKERSFIELD, 93308
Address Line 2 :	N/R
Compliance Status :	Returned to Compliance
RTC Date :	2016-02-10
Enforcement Action Description :	State Compliance achieved
Admin Name :	NUNNELEY, RYAN
Email Address :	rnunneley@oildalewater.com

RTC Enforcement ID :	9912010
Violation ID :	112004
Submission Year :	2024
Violation First Reported Date :	2007-05-17
Contaminant Name :	Nitrate
Rule Family :	Inorganic Chemicals
Rule Group :	Chemicals
Rule Name :	Nitrate Rule
Violation Type :	Monitoring, Regular
Is Health Based :	N

Map Id: 293
Direction: SE
Distance: 0.808 mi., 4264 ft.
Elevation: 549 ft.
Relative: Lower

Site Name : OILDALE MUTUAL WATER - WAREHOUSE | CA1510015 | OILDALE MWC-WELL 03 - CL2
2836 MCCRAY ST
BAKERSFIELD, CA 93308

Database(s) : [PWS, PWS ENF] *(cont.)*

Envirosite ID: 1041865
EPA ID: N/R

PWS ENF *(cont.)*

Is Major Violation :	Y
Severity Indicator Count :	N/R
Public Notification Tier :	3
Address Line 1 :	2836 MCCRAY ST, BAKERSFIELD, 93308
Address Line 2 :	N/R
Compliance Status :	Returned to Compliance
RTC Date :	2018-03-12
Enforcement Action Description :	State Compliance achieved
Admin Name :	NUNNELEY, RYAN
Email Address :	rnunneley@oildalewater.com

RTC Enforcement ID :	9912010
Violation ID :	9912005
Submission Year :	2024
Violation First Reported Date :	2017-07-03
Contaminant Name :	Nitrate-Nitrite
Rule Family :	Inorganic Chemicals
Rule Group :	Chemicals
Rule Name :	Nitrate Rule
Violation Type :	Monitoring, Regular
Is Health Based :	N
Is Major Violation :	N
Severity Indicator Count :	N/R
Public Notification Tier :	3
Address Line 1 :	2836 MCCRAY ST, BAKERSFIELD, 93308
Address Line 2 :	N/R
Compliance Status :	Returned to Compliance
RTC Date :	2018-03-12
Enforcement Action Description :	State Compliance achieved
Admin Name :	NUNNELEY, RYAN
Email Address :	rnunneley@oildalewater.com

RTC Enforcement ID :	9912010
Violation ID :	612005
Submission Year :	2024
Violation First Reported Date :	2007-03-08
Contaminant Name :	Total Haloacetic Acids (HAA5)
Rule Family :	Stage 1 Disinfectants and Disinfection Byproducts Rule
Rule Group :	Disinfectants and Disinfection Byproducts Rule
Rule Name :	Stage 1 Disinfectants and Disinfection Byproducts Rule
Violation Type :	Monitoring and Reporting (DBP)
Is Health Based :	N
Is Major Violation :	Y
Severity Indicator Count :	N/R
Public Notification Tier :	3
Address Line 1 :	2836 MCCRAY ST, BAKERSFIELD, 93308
Address Line 2 :	N/R
Compliance Status :	Returned to Compliance
RTC Date :	2018-03-12
Enforcement Action Description :	State Compliance achieved
Admin Name :	NUNNELEY, RYAN
Email Address :	rnunneley@oildalewater.com

Map Id: 293
Direction: SE
Distance: 0.808 mi., 4264 ft.
Elevation: 549 ft.
Relative: Lower

Site Name : OILDALE MUTUAL WATER - WAREHOUSE | CA1510015 | OILDALE MWC-WELL 03 - CL2
2836 MCCRAY ST
BAKERSFIELD, CA 93308

Database(s) : [PWS, PWS ENF] *(cont.)*

Envirosite ID: 1041865
EPA ID: N/R

PWS ENF *(cont.)*

RTC Enforcement ID :	9912011
Violation ID :	9912003
Submission Year :	2024
Violation First Reported Date :	2000-07-20
Contaminant Name :	Coliform (TCR)
Rule Family :	Total Coliform Rules
Rule Group :	Microbials
Rule Name :	Total Coliform Rule
Violation Type :	Maximum Contaminant Level Violation, Monthly (TCR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	2836 MCCRAY ST, BAKERSFIELD, 93308
Address Line 2 :	N/R
Compliance Status :	Returned to Compliance
RTC Date :	1999-09-30
Enforcement Action Description :	State Compliance achieved
Admin Name :	NUNNELEY, RYAN
Email Address :	rnunneley@oildalewater.com

Map Id: BZ294
Direction: NNE
Distance: 0.808 mi., 4267 ft.
Elevation: 722 ft.
Relative: Higher

Site Name : 0403060975
35.459121, -119.03286
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 23364767
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-06-01
API Number :	0403060975
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459121
Longitude :	-119.03286
Last Date in Agency List :	2025-01-30

Map Id: BZ295
Direction: NE
Distance: 0.809 mi., 4273 ft.
Elevation: 720 ft.
Relative: Higher

Site Name : 0403062016
35.458988, -119.032471
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9890076
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-07-27
API Number :	0403062016
Well Status :	Canceled
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458988
Longitude :	-119.032471
Last Date in Agency List :	2025-01-30

Map Id: CA296
Direction: NNE
Distance: 0.811 mi., 4281 ft.
Elevation: 707 ft.
Relative: Higher

Site Name : 0403059575
35.460091, -119.036766
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362071
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403059575
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460091
Longitude :	-119.036766
Last Date in Agency List :	2025-01-30

Map Id: BN297
Direction: NE
Distance: 0.811 mi., 4284 ft.
Elevation: 717 ft.
Relative: Higher

Site Name : 0403061980
35.458093, -119.030536
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 45666068
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-09-07
API Number :	0403061980
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 25
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458093
Longitude :	-119.030536
Last Date in Agency List :	2025-01-30

Map Id: BN298
Direction: NE
Distance: 0.813 mi., 4293 ft.
Elevation: 711 ft.
Relative: Higher

Site Name : 0402910829
35.457699, -119.029835
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 52343345
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910829
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457699
Longitude :	-119.029835
Last Date in Agency List :	2025-01-30

Map Id: BZ299
Direction: NNE
Distance: 0.814 mi., 4297 ft.
Elevation: 723 ft.
Relative: Higher

Site Name : 0403060718
35.459193, -119.032813
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 23363211
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-06-04
API Number :	0403060718
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459193
Longitude :	-119.032813
Last Date in Agency List :	2025-01-30

Map Id: BN300
Direction: NE
Distance: 0.814 mi., 4297 ft.
Elevation: 704 ft.
Relative: Higher

Site Name : 0403062023
35.457901, -119.030136
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257622
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062023
Well Status :	Canceled
Well Type :	Injection
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457901
Longitude :	-119.030136
Last Date in Agency List :	2025-01-30

Map Id: BZ301
Direction: NNE
Distance: 0.815 mi., 4305 ft.
Elevation: 725 ft.
Relative: Higher

Site Name : 0403066747
35.459284, -119.033
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 58178648
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-12-06
API Number :	0403066747
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459284
Longitude :	-119.033
Last Date in Agency List :	2025-01-30

Map Id: BZ302
Direction: NE
Distance: 0.816 mi., 4308 ft.
Elevation: 717 ft.
Relative: Higher

Site Name : 0402910827
35.458797, -119.031769
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9855013
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910827
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458797
Longitude :	-119.031769
Last Date in Agency List :	2025-01-30

Map Id: BN303
Direction: NE
Distance: 0.816 mi., 4310 ft.
Elevation: 718 ft.
Relative: Higher

Site Name : 0403060980
35.458174, -119.030527
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 51887014
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-09-03
API Number :	0403060980
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458174
Longitude :	-119.030527
Last Date in Agency List :	2025-01-30

Map Id: 304
Direction: NE
Distance: 0.818 mi., 4318 ft.
Elevation: 710 ft.
Relative: Higher

Site Name : POLE
35.455806, -119.0274
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812498
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030227
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00077
Above Mean Sea Level Height (Feet) :	00787
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 20.90N
Longitude :	119 01 38.64W

Map Id: BK305
Direction: NNE
Distance: 0.818 mi., 4320 ft.
Elevation: 723 ft.
Relative: Higher

Site Name : POLE
35.459592, -119.033806
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812523
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030214
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00036
Above Mean Sea Level Height (Feet) :	00759
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 34.53N
Longitude :	119 02 01.70W

Map Id: BQ306
Direction: NW
Distance: 0.818 mi., 4321 ft.
Elevation: 634 ft.
Relative: Higher

Site Name : 0402910645
35.457819, -119.051451
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10312123
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	1952-02-23
API Number :	0402910645
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457819
Longitude :	-119.051451
Last Date in Agency List :	2025-01-30

Map Id: 307
Direction: NW
Distance: 0.819 mi., 4325 ft.
Elevation: 579 ft.
Relative: Lower

Site Name : 0402910184
35.454865, -119.055489
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 56744192
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910184
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	S3100
Operator Name :	Shell Western E&P Inc.
Lease Name :	Kramer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 34, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.454864
Longitude :	-119.055489
Last Date in Agency List :	2025-01-30

Map Id: BZ308
Direction: NNE
Distance: 0.820 mi., 4328 ft.
Elevation: 723 ft.
Relative: Higher

Site Name : 0403060832
35.459267, -119.032764
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 23362979
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-06-07
API Number :	0403060832
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459267
Longitude :	-119.032764
Last Date in Agency List :	2025-01-30

Map Id: CB309
Direction: NE
Distance: 0.820 mi., 4332 ft.
Elevation: 715 ft.
Relative: Higher

Site Name : 0402942383
35.457531, -119.029381
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9785560
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402942383
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Lease by California Resources Production Corporation
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 25, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457531
Longitude :	-119.029381
Last Date in Agency List :	2025-01-30

Map Id: BN310
Direction: NE
Distance: 0.821 mi., 4335 ft.
Elevation: 723 ft.
Relative: Higher

Site Name : 0402910845
35.458454, -119.030891
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208199
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910845
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458454
Longitude :	-119.030891
Last Date in Agency List :	2025-01-30

Map Id: CB311
Direction: NE
Distance: 0.823 mi., 4348 ft.
Elevation: 715 ft.
Relative: Higher

Site Name : 0402910793
35.457581, -119.029366
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854820
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910793
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Lease by California Resources Production Corporation
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 25, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457581
Longitude :	-119.029366
Last Date in Agency List :	2025-01-30

Map Id: 312
Direction: NNW
Distance: 0.825 mi., 4358 ft.
Elevation: 638 ft.
Relative: Higher

Site Name : 0402910644
35.458393, -119.050697
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773263
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910644
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458393
Longitude :	-119.050697
Last Date in Agency List :	2025-01-30

Map Id: BN313
Direction: NE
Distance: 0.826 mi., 4364 ft.
Elevation: 721 ft.
Relative: Higher

Site Name : 0403066933
35.458388, -119.030591
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 45666153
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-12-20
API Number :	0403066933
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458388
Longitude :	-119.030591
Last Date in Agency List :	2025-01-30

Map Id: CC314
Direction: NNW
Distance: 0.827 mi., 4365 ft.
Elevation: 642 ft.
Relative: Higher

Site Name : 0402910283
35.460003, -119.046539
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854699
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910283
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	M6900
Operator Name :	Mobil Oil Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460003
Longitude :	-119.046539
Last Date in Agency List :	2025-01-30

Map Id: BU315
Direction: NNW
Distance: 0.828 mi., 4374 ft.
Elevation: 626 ft.
Relative: Higher

Site Name : 0402910670
35.459538, -119.048233
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854792
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910670
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459538
Longitude :	-119.048233
Last Date in Agency List :	2025-01-30

Map Id: 316
Direction: NNE
Distance: 0.830 mi., 4381 ft.
Elevation: 715 ft.
Relative: Higher

Site Name : 0403059576
35.460079, -119.035019
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10256723
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403059576
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460079
Longitude :	-119.035019
Last Date in Agency List :	2025-01-30

Map Id: BX317
Direction: N
Distance: 0.832 mi., 4391 ft.
Elevation: 673 ft.
Relative: Higher

Site Name : 0403066801
35.460516, -119.043421
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 56742920
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-10-22
API Number :	0403066801
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460516
Longitude :	-119.043421
Last Date in Agency List :	2025-01-30

Map Id: 318
Direction: ENE
Distance: 0.832 mi., 4392 ft.
Elevation: 764 ft.
Relative: Higher

Site Name : 0403039862
35.453201, -119.025215
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10356874
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2010-03-07
API Number :	0403039862
Well Status :	Plugged
Well Type :	Observation
Operator Code :	C5640
Operator Name :	Chevron U.S.A. Inc.
Lease Name :	S.H. Cauley
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.453201
Longitude :	-119.025215
Last Date in Agency List :	2025-01-30

Map Id: CC319
Direction: NNW
Distance: 0.832 mi., 4393 ft.
Elevation: 642 ft.
Relative: Higher

Site Name : 0403060591
35.460125, -119.046352
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9891236
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-06-02
API Number :	0403060591
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460125
Longitude :	-119.046352
Last Date in Agency List :	2025-01-30

Map Id: CD320
Direction: NNE
Distance: 0.832 mi., 4393 ft.
Elevation: 705 ft.
Relative: Higher

Site Name : POLE
35.460447, -119.037228
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814293
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030194
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00029
Above Mean Sea Level Height (Feet) :	00734
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 37.61N
Longitude :	119 02 14.02W

Map Id: BN321
Direction: NE
Distance: 0.832 mi., 4393 ft.
Elevation: 722 ft.
Relative: Higher

Site Name : 0403066879
35.458459, -119.030541
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 44269260
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-12-21
API Number :	0403066879
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458459
Longitude :	-119.030541
Last Date in Agency List :	2025-01-30

Map Id: BX322
Direction: N
Distance: 0.832 mi., 4394 ft.
Elevation: 663 ft.
Relative: Higher

Site Name : 0403066824
35.46044, -119.044448
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 23363603
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-10-24
API Number :	0403066824
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.46044
Longitude :	-119.044448
Last Date in Agency List :	2025-01-30

Map Id: BZ323
Direction: NNE
Distance: 0.832 mi., 4394 ft.
Elevation: 727 ft.
Relative: Higher

Site Name : 0403066849
35.459501, -119.032859
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 56743590
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-12-09
API Number :	0403066849
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459501
Longitude :	-119.032859
Last Date in Agency List :	2025-01-30

Map Id: CC324
Direction: NNW
Distance: 0.832 mi., 4395 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : 0403060595
35.460106, -119.046455
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257073
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-06-08
API Number :	0403060595
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460106
Longitude :	-119.046455
Last Date in Agency List :	2025-01-30

Map Id: CC325
Direction: NNW
Distance: 0.835 mi., 4408 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : 0403060590
35.460121, -119.046555
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9891235
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-06-13
API Number :	0403060590
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460121
Longitude :	-119.046555
Last Date in Agency List :	2025-01-30

Map Id: BX326
Direction: N
Distance: 0.835 mi., 4409 ft.
Elevation: 666 ft.
Relative: Higher

Site Name : 0403066802
35.460503, -119.044263
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 56744472
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-10-21
API Number :	0403066802
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460503
Longitude :	-119.044263
Last Date in Agency List :	2025-01-30

Map Id: CC327
Direction: NNW
Distance: 0.836 mi., 4416 ft.
Elevation: 640 ft.
Relative: Higher

Site Name : 0403060594
35.460119, -119.046655
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362394
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-06-19
API Number :	0403060594
Well Status :	Idle
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460119
Longitude :	-119.046655
Last Date in Agency List :	2025-01-30

Map Id: BX328
Direction: N
Distance: 0.837 mi., 4419 ft.
Elevation: 667 ft.
Relative: Higher

Site Name : 0403066826
35.460538, -119.04417
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 53130370
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-10-19
API Number :	0403066826
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460538
Longitude :	-119.04417
Last Date in Agency List :	2025-01-30

Map Id: CE329
Direction: N
Distance: 0.839 mi., 4432 ft.
Elevation: 658 ft.
Relative: Higher

Site Name : 0402910281
35.460457, -119.045143
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10207900
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910281
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	M6900
Operator Name :	Mobil Oil Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460457
Longitude :	-119.045143
Last Date in Agency List :	2025-01-30

Map Id: CF330
Direction: N
Distance: 0.840 mi., 4436 ft.
Elevation: 682 ft.
Relative: Higher

Site Name : 0403055043
35.460659, -119.041801
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9888426
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-07-06
API Number :	0403055043
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460659
Longitude :	-119.041801
Last Date in Agency List :	2025-01-30

Map Id: CG331
Direction: NNW
Distance: 0.840 mi., 4438 ft.
Elevation: 618 ft.
Relative: Higher

Site Name : 0402910659
35.459103, -119.049805
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10312132
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	1946-11-12
API Number :	0402910659
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459103
Longitude :	-119.049805
Last Date in Agency List :	2025-01-30

Map Id: CF332
Direction: N
Distance: 0.841 mi., 4442 ft.
Elevation: 684 ft.
Relative: Higher

Site Name : 0403055773
35.460667, -119.040901
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10255205
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-09-17
API Number :	0403055773
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460667
Longitude :	-119.040901
Last Date in Agency List :	2025-01-30

Map Id: BT333
Direction: N
Distance: 0.841 mi., 4443 ft.
Elevation: 681 ft.
Relative: Higher

Site Name : 0403045872
35.460663, -119.03997
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10359009
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2012-03-27
API Number :	0403045872
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460663
Longitude :	-119.03997
Last Date in Agency List :	2025-01-30

Map Id: BZ334
Direction: NNE
Distance: 0.842 mi., 4448 ft.
Elevation: 724 ft.
Relative: Higher

Site Name : 0403060831
35.459558, -119.032572
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9891274
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-05-15
API Number :	0403060831
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459558
Longitude :	-119.032572
Last Date in Agency List :	2025-01-30

Map Id: BY335
Direction: NNE
Distance: 0.843 mi., 4454 ft.
Elevation: 681 ft.
Relative: Higher

Site Name : 0403055772
35.460686, -119.039131
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10255202
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-09-20
API Number :	0403055772
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460686
Longitude :	-119.039131
Last Date in Agency List :	2025-01-30

Map Id: BY336
Direction: NNE
Distance: 0.844 mi., 4457 ft.
Elevation: 691 ft.
Relative: Higher

Site Name : 0403055498
35.460678, -119.038155
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9810222
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-08-03
API Number :	0403055498
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460678
Longitude :	-119.038155
Last Date in Agency List :	2025-01-30

Map Id: BX337
Direction: N
Distance: 0.844 mi., 4459 ft.
Elevation: 666 ft.
Relative: Higher

Site Name : 0403067698
35.460631, -119.044365
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 36585950
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403067698
Well Status :	New
Well Type :	Observation
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460631
Longitude :	-119.044365
Last Date in Agency List :	2025-01-30

Map Id: CA338
Direction: NNE
Distance: 0.845 mi., 4463 ft.
Elevation: 710 ft.
Relative: Higher

Site Name : TANK
35.460547, -119.036386
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 807928
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030203
Obstacle Type :	TANK
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00016
Above Mean Sea Level Height (Feet) :	00726
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 37.97N
Longitude :	119 02 10.99W

Map Id: BZ339
Direction: NE
Distance: 0.846 mi., 4467 ft.
Elevation: 728 ft.
Relative: Higher

Site Name : 0403066772
35.459398, -119.032019
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 56744322
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-12-08
API Number :	0403066772
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459398
Longitude :	-119.032019
Last Date in Agency List :	2025-01-30

Map Id: BN340
Direction: NE
Distance: 0.846 mi., 4467 ft.
Elevation: 723 ft.
Relative: Higher

Site Name : 0403060829
35.458549, -119.030265
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 45666501
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-08-31
API Number :	0403060829
Well Status :	Idle
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458549
Longitude :	-119.030265
Last Date in Agency List :	2025-01-30

Map Id: CD341
Direction: NNE
Distance: 0.846 mi., 4467 ft.
Elevation: 698 ft.
Relative: Higher

Site Name : 0403055905
35.460678, -119.037598
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10255577
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-09-24
API Number :	0403055905
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460678
Longitude :	-119.037598
Last Date in Agency List :	2025-01-30

Map Id: CE342
Direction: N
Distance: 0.846 mi., 4468 ft.
Elevation: 659 ft.
Relative: Higher

Site Name : POLE
35.460553, -119.045172
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 813773
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030129
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00027
Above Mean Sea Level Height (Feet) :	00686
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 37.99N
Longitude :	119 02 42.62W

Map Id: CG343
Direction: NNW
Distance: 0.847 mi., 4474 ft.
Elevation: 619 ft.
Relative: Higher

Site Name : 0402950632
35.459347, -119.049507
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10220721
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402950632
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459347
Longitude :	-119.049507
Last Date in Agency List :	2025-01-30

Map Id: BZ344
Direction: NNE
Distance: 0.848 mi., 4477 ft.
Elevation: 727 ft.
Relative: Higher

Site Name : 0403059678
35.45963, -119.032527
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 23364128
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-05-19
API Number :	0403059678
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.45963
Longitude :	-119.032527
Last Date in Agency List :	2025-01-30

Map Id: BN345
Direction: NE
Distance: 0.848 mi., 4478 ft.
Elevation: 720 ft.
Relative: Higher

Site Name : 0403062518
35.4585, -119.030113
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257971
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062518
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.4585
Longitude :	-119.030113
Last Date in Agency List :	2025-01-30

Map Id: 346
Direction: ENE
Distance: 0.849 mi., 4484 ft.
Elevation: 701 ft.
Relative: Higher

Site Name : BLDG
35.450061, -119.023844
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 801281
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030056
Obstacle Type :	BLDG
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00013
Above Mean Sea Level Height (Feet) :	00713
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 00.22N
Longitude :	119 01 25.84W

Map Id: BY347
Direction: NNE
Distance: 0.850 mi., 4486 ft.
Elevation: 686 ft.
Relative: Higher

Site Name : 0403055488
35.460773, -119.038971
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9889923
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-08-23
API Number :	0403055488
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460773
Longitude :	-119.038971
Last Date in Agency List :	2025-01-30

Map Id: CH348
Direction: NE
Distance: 0.851 mi., 4493 ft.
Elevation: 726 ft.
Relative: Higher

Site Name : POLE
35.459022, -119.031003
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 813576
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030230
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00033
Above Mean Sea Level Height (Feet) :	00759
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 32.48N
Longitude :	119 01 51.61W

Map Id: CD349
Direction: NNE
Distance: 0.851 mi., 4494 ft.
Elevation: 706 ft.
Relative: Higher

Site Name : 0403055499
35.460651, -119.036522
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9810223
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-08-27
API Number :	0403055499
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460651
Longitude :	-119.036522
Last Date in Agency List :	2025-01-30

Map Id: BN350
Direction: NE
Distance: 0.851 mi., 4494 ft.
Elevation: 723 ft.
Relative: Higher

Site Name : 0403061978
35.458592, -119.030178
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 45665913
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-08-28
API Number :	0403061978
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 25
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458592
Longitude :	-119.030178
Last Date in Agency List :	2025-01-30

Map Id: BZ351
Direction: NNE
Distance: 0.854 mi., 4507 ft.
Elevation: 727 ft.
Relative: Higher

Site Name : 0403060641
35.459702, -119.032478
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362419
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-05-22
API Number :	0403060641
Well Status :	Idle
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459702
Longitude :	-119.032478
Last Date in Agency List :	2025-01-30

Map Id: CI352
Direction: NNE
Distance: 0.854 mi., 4511 ft.
Elevation: 735 ft.
Relative: Higher

Site Name : 0402910736
35.459972, -119.033226
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773299
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910736
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459972
Longitude :	-119.033226
Last Date in Agency List :	2025-01-30

Map Id: CH353
Direction: NE
Distance: 0.855 mi., 4513 ft.
Elevation: 728 ft.
Relative: Higher

Site Name : 0403062017
35.458981, -119.030792
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9811820
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403062017
Well Status :	Canceled
Well Type :	Injection
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458981
Longitude :	-119.030792
Last Date in Agency List :	2025-01-30

Map Id: BN354
Direction: NE
Distance: 0.856 mi., 4522 ft.
Elevation: 724 ft.
Relative: Higher

Site Name : 0403061979
35.458635, -119.030092
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 44269303
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-08-25
API Number :	0403061979
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 25
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458635
Longitude :	-119.030092
Last Date in Agency List :	2025-01-30

Map Id: CA355
Direction: NNE
Distance: 0.858 mi., 4528 ft.
Elevation: 713 ft.
Relative: Higher

Site Name : TANK
35.460689, -119.036103
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 807795
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030211
Obstacle Type :	TANK
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00020
Above Mean Sea Level Height (Feet) :	00733
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 38.48N
Longitude :	119 02 09.97W

Map Id: BZ356
Direction: NNE
Distance: 0.859 mi., 4537 ft.
Elevation: 730 ft.
Relative: Higher

Site Name : 0403060640
35.459775, -119.032432
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257080
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-05-25
API Number :	0403060640
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459775
Longitude :	-119.032432
Last Date in Agency List :	2025-01-30

Map Id: BN357
Direction: NE
Distance: 0.860 mi., 4541 ft.
Elevation: 726 ft.
Relative: Higher

Site Name : 0402910828
35.458748, -119.030182
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208193
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910828
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458748
Longitude :	-119.030182
Last Date in Agency List :	2025-01-30

Map Id: CA358
Direction: NNE
Distance: 0.860 mi., 4541 ft.
Elevation: 715 ft.
Relative: Higher

Site Name : 0403055500
35.46069, -119.035881
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9889928
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-09-11
API Number :	0403055500
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.46069
Longitude :	-119.035881
Last Date in Agency List :	2025-01-30

Map Id: BZ359
Direction: NE
Distance: 0.860 mi., 4542 ft.
Elevation: 722 ft.
Relative: Higher

Site Name : 0403040183
35.459335, -119.031334
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10356955
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2010-03-22
API Number :	0403040183
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459335
Longitude :	-119.031334
Last Date in Agency List :	2025-01-30

Map Id: BN360
Direction: NE
Distance: 0.862 mi., 4549 ft.
Elevation: 724 ft.
Relative: Higher

Site Name : 0403061977
35.458678, -119.030006
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 44268195
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-08-21
API Number :	0403061977
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 25
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458678
Longitude :	-119.030006
Last Date in Agency List :	2025-01-30

Map Id: CI361
Direction: NNE
Distance: 0.862 mi., 4554 ft.
Elevation: 737 ft.
Relative: Higher

Site Name : 0403059672
35.460121, -119.033295
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362096
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403059672
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460121
Longitude :	-119.033295
Last Date in Agency List :	2025-01-30

Map Id: BN362
Direction: NE
Distance: 0.865 mi., 4569 ft.
Elevation: 727 ft.
Relative: Higher

Site Name : 0403066853
35.458803, -119.030112
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 45666540
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-12-23
API Number :	0403066853
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 26
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458803
Longitude :	-119.030112
Last Date in Agency List :	2025-01-30

Map Id: CF363
Direction: N
Distance: 0.865 mi., 4569 ft.
Elevation: 685 ft.
Relative: Higher

Site Name : 0403055771
35.461023, -119.041581
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 56745317
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-09-14
API Number :	0403055771
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.461023
Longitude :	-119.041581
Last Date in Agency List :	2025-01-30

Map Id: CJ364
Direction: E
Distance: 0.867 mi., 4576 ft.
Elevation: 654 ft.
Relative: Higher

Site Name : 352650119012101
35.447179, -119.023434
CA

Database(s) : [NWIS]

Envirosite ID: 9204180
EPA ID: N/R

NWIS

Site Identification Number :	352650119012101
Site Type :	Well
Station Name :	028S027E36L001M
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Kern County
Country :	USA
Land Net Location :	NESWS36 T28S R27E M
Name of Location Map :	KERN RIVER F2
Scale of Location Map :	63360
Altitude of Gage/Land Surface :	640.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Tulare Lake Bed
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R

Map Id: CJ364
Direction: E
Distance: 0.867 mi., 4576 ft.
Elevation: 654 ft.
Relative: Higher

Site Name : 352650119012101
35.447179, -119.023434
CA

Database(s) : [NWIS] *(cont.)*

Envirosite ID: 9204180
EPA ID: N/R

NWIS *(cont.)*

Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-Other GW Files :	YNNNNNNN
National Aquifer :	Central Valley aquifer system
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	700
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Measurements Begin Date:	N/R
Field Water-level Measurements End Date:	N/R
Field Water-Level Measurements Count:	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	35.447179
Longitude :	-119.023434
Last Date in Agency List :	2024-12-02

Map Id: BN365
Direction: NE
Distance: 0.867 mi., 4577 ft.
Elevation: 725 ft.
Relative: Higher

Site Name : 0403061976
35.45872, -119.029917
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257754
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403061976
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 25
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill

Map Id: BN365
Direction: NE
Distance: 0.867 mi., 4577 ft.
Elevation: 725 ft.
Relative: Higher

Site Name : 0403061976
35.45872, -119.029917
CA
Database(s) : [OIL & GAS WELLS - CA] *(cont.)*

Envirosite ID: 10257754
EPA ID: N/R

OIL & GAS WELLS - CA *(cont.)*

Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.45872
Longitude :	-119.029917
Last Date in Agency List :	2025-01-30

Map Id: BZ366
Direction: NE
Distance: 0.867 mi., 4579 ft.
Elevation: 730 ft.
Relative: Higher

Site Name : 0403059679
35.459554, -119.03157
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 53130525
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-06-21
API Number :	0403059679
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459554
Longitude :	-119.03157
Last Date in Agency List :	2025-01-30

Map Id: CJ367
Direction: E
Distance: 0.870 mi., 4592 ft.
Elevation: 640 ft.
Relative: Higher

Site Name : T-L TWR
35.446033, -119.023403
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 809110
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R

Map Id: CJ367
Direction: E
Distance: 0.870 mi., 4592 ft.
Elevation: 640 ft.
Relative: Higher

Site Name : T-L TWR
35.446033, -119.023403
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE] *(cont.)*

Envirosite ID: 809110
EPA ID: N/R

DIGITAL OBSTACLE *(cont.)*

OBS Number :	06-030189
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00102
Above Mean Sea Level Height (Feet) :	00742
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 26 45.72N
Longitude :	119 01 24.25W

Map Id: BN368
Direction: NE
Distance: 0.871 mi., 4597 ft.
Elevation: 727 ft.
Relative: Higher

Site Name : 0403066878
35.458848, -119.030024
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 56743852
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-12-24
API Number :	0403066878
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 25
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.458848
Longitude :	-119.030024
Last Date in Agency List :	2025-01-30

Map Id: BU369
Direction: NNW
Distance: 0.871 mi., 4598 ft.
Elevation: 626 ft.
Relative: Higher

Site Name : 0402910669
35.460255, -119.048065
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854790
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910669
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460255
Longitude :	-119.048065
Last Date in Agency List :	2025-01-30

Map Id: CK370
Direction: NNE
Distance: 0.872 mi., 4604 ft.
Elevation: 722 ft.
Relative: Higher

Site Name : 0403055332
35.460712, -119.035027
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10255360
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-08-27
API Number :	0403055332
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460712
Longitude :	-119.035027
Last Date in Agency List :	2025-01-30

Map Id: BZ371
Direction: NE
Distance: 0.872 mi., 4605 ft.
Elevation: 730 ft.
Relative: Higher

Site Name : 0403060719
35.459599, -119.031487
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10364532
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403060719
Well Status :	Canceled
Well Type :	Unknown
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459599
Longitude :	-119.031487
Last Date in Agency List :	2025-01-30

Map Id: CJ372
Direction: E
Distance: 0.872 mi., 4606 ft.
Elevation: 646 ft.
Relative: Higher

Site Name : 0402926900
35.446625, -119.023346
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10317050
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402926900
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C6625
Operator Name :	Coastal Drilling Co.
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.446625
Longitude :	-119.023346
Last Date in Agency List :	2025-01-30

Map Id: 373
Direction: NW
Distance: 0.873 mi., 4611 ft.
Elevation: 634 ft.
Relative: Higher

Site Name : 0402910630
35.457791, -119.052998
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 51887177
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	1948-04-08
API Number :	0402910630
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.457791
Longitude :	-119.052998
Last Date in Agency List :	2025-01-30

Map Id: CL374
Direction: NNW
Distance: 0.874 mi., 4616 ft.
Elevation: 624 ft.
Relative: Higher

Site Name : POLE
35.459928, -119.04915
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 813772
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030118
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00046
Above Mean Sea Level Height (Feet) :	00669
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 35.74N
Longitude :	119 02 56.94W

Map Id: CI375
Direction: NNE
Distance: 0.876 mi., 4624 ft.
Elevation: 736 ft.
Relative: Higher

Site Name : 0402900242
35.460537, -119.034035
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9852160
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402900242
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460537
Longitude :	-119.034035
Last Date in Agency List :	2025-01-30

Map Id: CM376
Direction: N
Distance: 0.876 mi., 4627 ft.
Elevation: 687 ft.
Relative: Higher

Site Name : 0403055487
35.461166, -119.039963
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9810007
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-07-20
API Number :	0403055487
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.461166
Longitude :	-119.039963
Last Date in Agency List :	2025-01-30

Map Id: BZ377
Direction: NE
Distance: 0.877 mi., 4631 ft.
Elevation: 730 ft.
Relative: Higher

Site Name : 0403060720
35.459648, -119.03141
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9889747
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403060720
Well Status :	Canceled
Well Type :	Unknown
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459648
Longitude :	-119.03141
Last Date in Agency List :	2025-01-30

Map Id: 378
Direction: S
Distance: 0.880 mi., 4646 ft.
Elevation: 497 ft.
Relative: Lower

Site Name : BLDG
35.428625, -119.044431
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 802998
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030044
Obstacle Type :	BLDG
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00061
Above Mean Sea Level Height (Feet) :	00557
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 25 43.05N
Longitude :	119 02 39.95W

Map Id: CC379
Direction: NNW
Distance: 0.880 mi., 4646 ft.
Elevation: 633 ft.
Relative: Higher

Site Name : 0403066823
35.460751, -119.046764
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 56745245
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-11-02
API Number :	0403066823
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460751
Longitude :	-119.046764
Last Date in Agency List :	2025-01-30

Map Id: CC380
Direction: NNW
Distance: 0.881 mi., 4654 ft.
Elevation: 635 ft.
Relative: Higher

Site Name : 0402958321
35.460796, -119.046669
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9789412
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402958321
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460796
Longitude :	-119.046669
Last Date in Agency List :	2025-01-30

Map Id: CD381
Direction: NNE
Distance: 0.883 mi., 4662 ft.
Elevation: 707 ft.
Relative: Higher

Site Name : 0402910733
35.461227, -119.037827
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773297
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910733
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461227
Longitude :	-119.037827
Last Date in Agency List :	2025-01-30

Map Id: 382
Direction: NW
Distance: 0.884 mi., 4666 ft.
Elevation: 588 ft.
Relative: Lower

Site Name : 0402910623
35.45623, -119.054985
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10312116
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910623
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.45623
Longitude :	-119.054985
Last Date in Agency List :	2025-01-30

Map Id: 383
Direction: NNE
Distance: 0.884 mi., 4667 ft.
Elevation: 688 ft.
Relative: Higher

Site Name : 0402910819
35.461266, -119.038872
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773349
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910819
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461266
Longitude :	-119.038872
Last Date in Agency List :	2025-01-30

Map Id: CN384
Direction: N
Distance: 0.884 mi., 4670 ft.
Elevation: 677 ft.
Relative: Higher

Site Name : 0403060593
35.461279, -119.043471
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362393
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-06-27
API Number :	0403060593
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.461279
Longitude :	-119.043471
Last Date in Agency List :	2025-01-30

Map Id: CO385
Direction: NE
Distance: 0.885 mi., 4675 ft.
Elevation: 734 ft.
Relative: Higher

Site Name : POLE
35.459339, -119.030464
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814081
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030238
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00031
Above Mean Sea Level Height (Feet) :	00764
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 33.62N
Longitude :	119 01 49.67W

Map Id: CD386
Direction: NNE
Distance: 0.887 mi., 4683 ft.
Elevation: 709 ft.
Relative: Higher

Site Name : 0403055514
35.461224, -119.036972
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362711
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-09-08
API Number :	0403055514
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.461224
Longitude :	-119.036972
Last Date in Agency List :	2025-01-30

Map Id: 387
Direction: NW
Distance: 0.888 mi., 4688 ft.
Elevation: 579 ft.
Relative: Lower

Site Name : 0402900324
35.455307, -119.056847
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10308758
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402900324
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C5640
Operator Name :	Chevron U.S.A. Inc.
Lease Name :	Kramer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 34, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.455307
Longitude :	-119.056847
Last Date in Agency List :	2025-01-30

Map Id: CN388
Direction: N
Distance: 0.888 mi., 4689 ft.
Elevation: 677 ft.
Relative: Higher

Site Name : 0403060544
35.461336, -119.043396
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257233
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-07-01
API Number :	0403060544
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.461336
Longitude :	-119.043396
Last Date in Agency List :	2025-01-30

Map Id: CI389
Direction: NNE
Distance: 0.888 mi., 4691 ft.
Elevation: 739 ft.
Relative: Higher

Site Name : 0403055571
35.460724, -119.034004
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9810020
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-11-07
API Number :	0403055571
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460724
Longitude :	-119.034004
Last Date in Agency List :	2025-01-30

Map Id: CP390
Direction: NW
Distance: 0.889 mi., 4692 ft.
Elevation: 642 ft.
Relative: Higher

Site Name : 0402910629
35.458542, -119.052345
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854952
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910629
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458542
Longitude :	-119.052345
Last Date in Agency List :	2025-01-30

Map Id: CE391
Direction: N
Distance: 0.889 mi., 4693 ft.
Elevation: 661 ft.
Relative: Higher

Site Name : 0403039892
35.461143, -119.04541
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9884467
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2010-02-27
API Number :	0403039892
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461143
Longitude :	-119.04541
Last Date in Agency List :	2025-01-30

Map Id: CQ392
Direction: NNW
Distance: 0.889 mi., 4693 ft.
Elevation: 644 ft.
Relative: Higher

Site Name : 0402910643
35.459141, -119.051353
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10312121
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910643
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459141
Longitude :	-119.051353
Last Date in Agency List :	2025-01-30

Map Id: 393
Direction: SSW
Distance: 0.889 mi., 4693 ft.
Elevation: 478 ft.
Relative: Lower

Site Name : ELEC SYS
35.429094, -119.052328
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 809299
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030064
Obstacle Type :	ELEC SYS
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Red
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00002
Above Mean Sea Level Height (Feet) :	00480
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 25 44.74N
Longitude :	119 03 08.38W

Map Id: BZ394
Direction: NE
Distance: 0.889 mi., 4694 ft.
Elevation: 737 ft.
Relative: Higher

Site Name : 0402910737
35.459969, -119.031708
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773544
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	1947-10-10
API Number :	0402910737
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459969
Longitude :	-119.031708
Last Date in Agency List :	2025-01-30

Map Id: 395
Direction: ENE
Distance: 0.891 mi., 4707 ft.
Elevation: 663 ft.
Relative: Higher

Site Name : POLE
35.448428, -119.022969
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 822078
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030204
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00043
Above Mean Sea Level Height (Feet) :	00706
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 26 54.34N
Longitude :	119 01 22.69W

Map Id: CN396
Direction: N
Distance: 0.892 mi., 4708 ft.
Elevation: 677 ft.
Relative: Higher

Site Name : 0403060545
35.461391, -119.043324
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362382
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-07-05
API Number :	0403060545
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.461391
Longitude :	-119.043324
Last Date in Agency List :	2025-01-30

Map Id: CQ397
Direction: NNW
Distance: 0.892 mi., 4708 ft.
Elevation: 644 ft.
Relative: Higher

Site Name : POLE
35.459103, -119.051511
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814289
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030112
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00033
Above Mean Sea Level Height (Feet) :	00676
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 32.77N
Longitude :	119 03 05.44W

Map Id: BZ398
Direction: NE
Distance: 0.893 mi., 4715 ft.
Elevation: 722 ft.
Relative: Higher

Site Name : 0403060636
35.459799, -119.031165
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 51886925
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-06-15
API Number :	0403060636
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459799
Longitude :	-119.031165
Last Date in Agency List :	2025-01-30

Map Id: CD399
Direction: NNE
Distance: 0.893 mi., 4716 ft.
Elevation: 710 ft.
Relative: Higher

Site Name : 0402910734
35.461231, -119.036247
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773540
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	1945-12-28
API Number :	0402910734
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461231
Longitude :	-119.036247
Last Date in Agency List :	2025-01-30

Map Id: CR400
Direction: N
Distance: 0.895 mi., 4726 ft.
Elevation: 684 ft.
Relative: Higher

Site Name : 0403055041
35.461456, -119.042
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10254917
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-07-03
API Number :	0403055041
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461456
Longitude :	-119.042
Last Date in Agency List :	2025-01-30

Map Id: 401
Direction: ESE
Distance: 0.895 mi., 4726 ft.
Elevation: 576 ft.
Relative: Lower

Site Name : 0402942734
35.436382, -119.024605
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10322688
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402942734
Well Status :	Plugged
Well Type :	Dry Hole
Operator Code :	C5640
Operator Name :	Chevron U.S.A. Inc.
Lease Name :	Lease by Chevron U.S.A. Inc.
Field Name :	Any Field
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 01, TWP 29S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.436382
Longitude :	-119.024605
Last Date in Agency List :	2025-01-30

Map Id: BY402
Direction: NNE
Distance: 0.897 mi., 4739 ft.
Elevation: 705 ft.
Relative: Higher

Site Name : 0403054935
35.461454, -119.038194
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 52343588
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-08-19
API Number :	0403054935
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.461454
Longitude :	-119.038194
Last Date in Agency List :	2025-01-30

Map Id: CO403
Direction: NE
Distance: 0.898 mi., 4741 ft.
Elevation: 725 ft.
Relative: Higher

Site Name : 0403060637
35.459846, -119.031086
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 51886998
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-06-18
API Number :	0403060637
Well Status :	Idle
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.459846
Longitude :	-119.031086
Last Date in Agency List :	2025-01-30

Map Id: CN404
Direction: N
Distance: 0.900 mi., 4752 ft.
Elevation: 676 ft.
Relative: Higher

Site Name : 0402910280
35.461498, -119.043602
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854698
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910280
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461498
Longitude :	-119.043602
Last Date in Agency List :	2025-01-30

Map Id: CN405
Direction: N
Distance: 0.900 mi., 4755 ft.
Elevation: 672 ft.
Relative: Higher

Site Name : 0403045884
35.46143, -119.044525
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10251771
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2012-03-23
API Number :	0403045884
Well Status :	Idle
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.46143
Longitude :	-119.044525
Last Date in Agency List :	2025-01-30

Map Id: CS406
Direction: NNW
Distance: 0.901 mi., 4756 ft.
Elevation: 633 ft.
Relative: Higher

Site Name : 0402944612
35.460732, -119.048027
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9862991
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402944612
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460732
Longitude :	-119.048027
Last Date in Agency List :	2025-01-30

Map Id: CI407
Direction: NNE
Distance: 0.902 mi., 4762 ft.
Elevation: 749 ft.
Relative: Higher

Site Name : 0403055333
35.460732, -119.033302
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10255025
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-08-24
API Number :	0403055333
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460732
Longitude :	-119.033302
Last Date in Agency List :	2025-01-30

Map Id: CI408
Direction: NNE
Distance: 0.902 mi., 4765 ft.
Elevation: 743 ft.
Relative: Higher

Site Name : 0402910751
35.460537, -119.032661
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854811
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910751
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460537
Longitude :	-119.032661
Last Date in Agency List :	2025-01-30

Map Id: BZ409
Direction: NE
Distance: 0.904 mi., 4773 ft.
Elevation: 737 ft.
Relative: Higher

Site Name : 0403059673
35.460152, -119.031563
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9811235
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403059673
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460152
Longitude :	-119.031563
Last Date in Agency List :	2025-01-30

Map Id: CR410
Direction: N
Distance: 0.905 mi., 4780 ft.
Elevation: 682 ft.
Relative: Higher

Site Name : 0403066795
35.461605, -119.042248
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 45666404
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-10-18
API Number :	0403066795
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.461605
Longitude :	-119.042248
Last Date in Agency List :	2025-01-30

Map Id: 411
Direction: NE
Distance: 0.907 mi., 4788 ft.
Elevation: 722 ft.
Relative: Higher

Site Name : POLE
35.457514, -119.027128
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812624
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030252
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00063
Above Mean Sea Level Height (Feet) :	00784
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 27.05N
Longitude :	119 01 37.66W

Map Id: CD412
Direction: NNE
Distance: 0.907 mi., 4790 ft.
Elevation: 716 ft.
Relative: Higher

Site Name : 0403055492
35.461542, -119.037261
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 51886605
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-07-30
API Number :	0403055492
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.461542
Longitude :	-119.037261
Last Date in Agency List :	2025-01-30

Map Id: CM413
Direction: N
Distance: 0.907 mi., 4790 ft.
Elevation: 693 ft.
Relative: Higher

Site Name : 0403054934
35.46162, -119.040657
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10254869
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-07-17
API Number :	0403054934
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.46162
Longitude :	-119.040657
Last Date in Agency List :	2025-01-30

Map Id: CK414
Direction: NNE
Distance: 0.907 mi., 4792 ft.
Elevation: 727 ft.
Relative: Higher

Site Name : 0402910739
35.461185, -119.034744
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773305
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910739
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461185
Longitude :	-119.034744
Last Date in Agency List :	2025-01-30

Map Id: CT415
Direction: E
Distance: 0.909 mi., 4800 ft.
Elevation: 666 ft.
Relative: Higher

Site Name : POLE
35.448014, -119.022661
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 815163
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030205
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00036
Above Mean Sea Level Height (Feet) :	00701
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 26 52.85N
Longitude :	119 01 21.58W

Map Id: 416
Direction: NE
Distance: 0.911 mi., 4811 ft.
Elevation: 713 ft.
Relative: Higher

Site Name : 0402910791
35.458875, -119.028854
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 23362251
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	1947-03-28
API Number :	0402910791
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Lease by California Resources Production Corporation
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 25, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.458875
Longitude :	-119.028854
Last Date in Agency List :	2025-01-30

Map Id: CO417
Direction: NE
Distance: 0.911 mi., 4813 ft.
Elevation: 732 ft.
Relative: Higher

Site Name : 0402910750
35.460018, -119.030968
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10312167
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910750
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460018
Longitude :	-119.030968
Last Date in Agency List :	2025-01-30

Map Id: CL418
Direction: NNW
Distance: 0.912 mi., 4815 ft.
Elevation: 634 ft.
Relative: Higher

Site Name : POLE
35.460308, -119.049722
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814291
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030121
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00030
Above Mean Sea Level Height (Feet) :	00662
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 37.11N
Longitude :	119 02 59.00W

Map Id: CM419
Direction: N
Distance: 0.912 mi., 4816 ft.
Elevation: 699 ft.
Relative: Higher

Site Name : 0403055042
35.461685, -119.03994
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9810100
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-06-25
API Number :	0403055042
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.461685
Longitude :	-119.03994
Last Date in Agency List :	2025-01-30

Map Id: CU420
Direction: NNW
Distance: 0.914 mi., 4824 ft.
Elevation: 646 ft.
Relative: Higher

Site Name : POLE
35.461406, -119.046033
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812631
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030134
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00029
Above Mean Sea Level Height (Feet) :	00675
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 41.06N
Longitude :	119 02 45.72W

Map Id: CI421
Direction: NNE
Distance: 0.914 mi., 4824 ft.
Elevation: 751 ft.
Relative: Higher

Site Name : 0403055572
35.460716, -119.032669
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10360693
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-09-06
API Number :	0403055572
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460716
Longitude :	-119.032669
Last Date in Agency List :	2025-01-30

Map Id: CT422
Direction: ENE
Distance: 0.914 mi., 4828 ft.
Elevation: 674 ft.
Relative: Higher

Site Name : 0402954897
35.449268, -119.022591
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10222365
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402954897
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	F0450
Operator Name :	Fenian Oil Corporation
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.449268
Longitude :	-119.022591
Last Date in Agency List :	2025-01-30

Map Id: CL423
Direction: NNW
Distance: 0.916 mi., 4838 ft.
Elevation: 638 ft.
Relative: Higher

Site Name : 0402910642
35.459995, -119.050598
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208144
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910642
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459995
Longitude :	-119.050598
Last Date in Agency List :	2025-01-30

Map Id: CV424
Direction: ENE
Distance: 0.917 mi., 4841 ft.
Elevation: 721 ft.
Relative: Higher

Site Name : 0402926749
35.450672, -119.022743
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9780398
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402926749
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	F0450
Operator Name :	Fenian Oil Corporation
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.450672
Longitude :	-119.022743
Last Date in Agency List :	2025-01-30

Map Id: CW425
Direction: NNE
Distance: 0.917 mi., 4841 ft.
Elevation: 748 ft.
Relative: Higher

Site Name : POLE
35.461078, -119.033714
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 807273
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030235
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00032
Above Mean Sea Level Height (Feet) :	00780
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 39.88N
Longitude :	119 02 01.37W

Map Id: CL426
Direction: NNW
Distance: 0.918 mi., 4850 ft.
Elevation: 631 ft.
Relative: Higher

Site Name : 0402910658
35.460548, -119.049385
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10207998
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	1946-10-21
API Number :	0402910658
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460548
Longitude :	-119.049385
Last Date in Agency List :	2025-01-30

Map Id: 427
Direction: SE
Distance: 0.920 mi., 4858 ft.
Elevation: 546 ft.
Relative: Lower

Site Name : 352556119013701
35.43218, -119.027879
CA

Database(s) : [NWIS]

Envirosite ID: 9207073
EPA ID: N/R

NWIS

Site Identification Number :	352556119013701
Site Type :	Well
Station Name :	029S027E01K001M
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Kern County
Country :	USA
Land Net Location :	NWSES01 T29S R27E M
Name of Location Map :	KERN RIVER F2
Scale of Location Map :	63360
Altitude of Gage/Land Surface :	536.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Tulare Lake Bed
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	1951
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-Other GW Files :	YYYNNNNN
National Aquifer :	Central Valley aquifer system
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	762
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Measurements Begin Date:	N/R
Field Water-level Measurements End Date:	N/R
Field Water-Level Measurements Count:	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	35.43218
Longitude :	-119.027879
Last Date in Agency List :	2024-12-02

Map Id: CU428
Direction: NNW
Distance: 0.920 mi., 4860 ft.
Elevation: 638 ft.
Relative: Higher

Site Name : 0402910282
35.461418, -119.046494
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10207902
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910282
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461418
Longitude :	-119.046494
Last Date in Agency List :	2025-01-30

Map Id: CO429
Direction: NE
Distance: 0.921 mi., 4863 ft.
Elevation: 741 ft.
Relative: Higher

Site Name : POLE
35.459672, -119.029931
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 811963
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030250
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00030
Above Mean Sea Level Height (Feet) :	00770
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 34.82N
Longitude :	119 01 47.75W

Map Id: CD430
Direction: NNE
Distance: 0.924 mi., 4878 ft.
Elevation: 719 ft.
Relative: Higher

Site Name : 0403006055
35.461739, -119.036736
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9798234
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403006055
Well Status :	Active
Well Type :	Observation
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461739
Longitude :	-119.036736
Last Date in Agency List :	2025-01-30

Map Id: CD431
Direction: NNE
Distance: 0.925 mi., 4882 ft.
Elevation: 721 ft.
Relative: Higher

Site Name : 0403055493
35.461792, -119.037209
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9810008
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-08-30
API Number :	0403055493
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.461792
Longitude :	-119.037209
Last Date in Agency List :	2025-01-30

Map Id: CX432
Direction: ENE
Distance: 0.925 mi., 4882 ft.
Elevation: 762 ft.
Relative: Higher

Site Name : POLE
35.455822, -119.025075
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812239
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030257
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00058
Above Mean Sea Level Height (Feet) :	00820
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 20.96N
Longitude :	119 01 30.27W

Map Id: CN433
Direction: N
Distance: 0.925 mi., 4885 ft.
Elevation: 660 ft.
Relative: Higher

Site Name : POLE
35.461825, -119.04415
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812658
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030139
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00027
Above Mean Sea Level Height (Feet) :	00686
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 42.57N
Longitude :	119 02 38.94W

Map Id: CW434
Direction: NNE
Distance: 0.925 mi., 4887 ft.
Elevation: 732 ft.
Relative: Higher

Site Name : 0403055496
35.461341, -119.034238
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 52343494
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-11-11
API Number :	0403055496
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.461341
Longitude :	-119.034238
Last Date in Agency List :	2025-01-30

Map Id: CW435
Direction: NNE
Distance: 0.926 mi., 4888 ft.
Elevation: 754 ft.
Relative: Higher

Site Name : 0402910740
35.461079, -119.033234
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854805
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910740
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461079
Longitude :	-119.033234
Last Date in Agency List :	2025-01-30

Map Id: CY436
Direction: NE
Distance: 0.926 mi., 4891 ft.
Elevation: 747 ft.
Relative: Higher

Site Name : POLE
35.456567, -119.025683
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814653
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030260
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00031
Above Mean Sea Level Height (Feet) :	00777
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 23.64N
Longitude :	119 01 32.46W

Map Id: CT437
Direction: E
Distance: 0.927 mi., 4892 ft.
Elevation: 671 ft.
Relative: Higher

Site Name : 0402926856
35.448204, -119.022347
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 39268939
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402926856
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C5640
Operator Name :	Chevron U.S.A. Inc.
Lease Name :	Cauley Lease #1
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.448204
Longitude :	-119.022346
Last Date in Agency List :	2025-01-30

Map Id: CO438
Direction: NE
Distance: 0.927 mi., 4896 ft.
Elevation: 745 ft.
Relative: Higher

Site Name : 0402910738
35.459958, -119.030279
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 44268749
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	1947-10-21
API Number :	0402910738
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459958
Longitude :	-119.030279
Last Date in Agency List :	2025-01-30

Map Id: CO439
Direction: NE
Distance: 0.929 mi., 4903 ft.
Elevation: 746 ft.
Relative: Higher

Site Name : POLE
35.460011, -119.030342
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814662
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030251
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00032
Above Mean Sea Level Height (Feet) :	00778
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 36.04N
Longitude :	119 01 49.23W

Map Id: 440
Direction: W
Distance: 0.931 mi., 4916 ft.
Elevation: 506 ft.
Relative: Lower

Site Name : FENCE
35.442722, -119.064083
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 805140
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030059
Obstacle Type :	FENCE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00005
Above Mean Sea Level Height (Feet) :	00510
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	35 26 33.80N
Longitude :	119 03 50.70W

Map Id: CO441
Direction: NE
Distance: 0.932 mi., 4923 ft.
Elevation: 745 ft.
Relative: Higher

Site Name : 0403061975
35.45994, -119.03007
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 56743098
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2018-06-10
API Number :	0403061975
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Section 25
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 25, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.45994
Longitude :	-119.03007
Last Date in Agency List :	2025-01-30

Map Id: CD442
Direction: NNE
Distance: 0.934 mi., 4932 ft.
Elevation: 722 ft.
Relative: Higher

Site Name : 0403039886
35.461876, -119.036636
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9884462
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2010-03-06
API Number :	0403039886
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461876
Longitude :	-119.036636
Last Date in Agency List :	2025-01-30

Map Id: CZ443
Direction: ENE
Distance: 0.934 mi., 4934 ft.
Elevation: 730 ft.
Relative: Higher

Site Name : BLDG
35.452489, -119.022953
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 802602
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030058
Obstacle Type :	BLDG
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00034
Above Mean Sea Level Height (Feet) :	00763
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 08.96N
Longitude :	119 01 22.63W

Map Id: 444
Direction: NW
Distance: 0.935 mi., 4936 ft.
Elevation: 588 ft.
Relative: Lower

Site Name : 0402948332
35.456387, -119.056381
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10325063
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402948332
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.456387
Longitude :	-119.056381
Last Date in Agency List :	2025-01-30

Map Id: CW445
Direction: NNE
Distance: 0.936 mi., 4942 ft.
Elevation: 754 ft.
Relative: Higher

Site Name : 0402900430
35.461239, -119.033241
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10205215
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402900430
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461239
Longitude :	-119.033241
Last Date in Agency List :	2025-01-30

Map Id: CD446
Direction: NNE
Distance: 0.939 mi., 4957 ft.
Elevation: 718 ft.
Relative: Higher

Site Name : POLE
35.462014, -119.037425
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812526
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030220
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00035
Above Mean Sea Level Height (Feet) :	00753
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 43.25N
Longitude :	119 02 14.73W

Map Id: DA447
Direction: NNE
Distance: 0.940 mi., 4966 ft.
Elevation: 741 ft.
Relative: Higher

Site Name : 0403055334
35.460743, -119.03157
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362632
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-08-01
API Number :	0403055334
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460743
Longitude :	-119.03157
Last Date in Agency List :	2025-01-30

Map Id: CN448
Direction: N
Distance: 0.941 mi., 4968 ft.
Elevation: 647 ft.
Relative: Higher

Site Name : 0402910278
35.461956, -119.045082
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9854696
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910278
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461956
Longitude :	-119.045082
Last Date in Agency List :	2025-01-30

Map Id: CW449
Direction: NNE
Distance: 0.942 mi., 4976 ft.
Elevation: 754 ft.
Relative: Higher

Site Name : 0403055497
35.461327, -119.033203
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9810010
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-11-03
API Number :	0403055497
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.461327
Longitude :	-119.033203
Last Date in Agency List :	2025-01-30

Map Id: 450
Direction: WNW
Distance: 0.943 mi., 4977 ft.
Elevation: 555 ft.
Relative: Lower

Site Name : 0402908933
35.452774, -119.061241
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9772773
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402908933
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	A4550
Operator Name :	Arco Western Energy Co.
Lease Name :	Kramer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 34, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.452774
Longitude :	-119.061241
Last Date in Agency List :	2025-01-30

Map Id: CP451
Direction: NW
Distance: 0.943 mi., 4978 ft.
Elevation: 644 ft.
Relative: Higher

Site Name : 0402910628
35.459122, -119.052994
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10312118
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910628
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459122
Longitude :	-119.052994
Last Date in Agency List :	2025-01-30

Map Id: CT452
Direction: ENE
Distance: 0.947 mi., 4999 ft.
Elevation: 683 ft.
Relative: Higher

Site Name : 0402950465
35.448776, -119.021988
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9787086
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402950465
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	F0450
Operator Name :	Fenian Oil Corporation
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.448776
Longitude :	-119.021988
Last Date in Agency List :	2025-01-30

Map Id: CO453
Direction: NE
Distance: 0.947 mi., 5002 ft.
Elevation: 750 ft.
Relative: Higher

Site Name : POLE
35.460317, -119.030328
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812516
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030259
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00025
Above Mean Sea Level Height (Feet) :	00774
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 37.14N
Longitude :	119 01 49.18W

Map Id: DB454
Direction: NNE
Distance: 0.948 mi., 5003 ft.
Elevation: 733 ft.
Relative: Higher

Site Name : POLE
35.461936, -119.035592
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814555
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030231
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00041
Above Mean Sea Level Height (Feet) :	00774
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 42.97N
Longitude :	119 02 08.13W

Map Id: CS455
Direction: NNW
Distance: 0.948 mi., 5004 ft.
Elevation: 633 ft.
Relative: Higher

Site Name : 0402910657
Lat 35.46124268, Long -119.04872131,
Oil Field: Kern-Front
Bakersfield, CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10311907
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910657
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461243
Longitude :	-119.048721
Last Date in Agency List :	2025-01-30

Map Id: DC456
Direction: N
Distance: 0.948 mi., 5007 ft.
Elevation: 705 ft.
Relative: Higher

Site Name : 0403054933
35.462208, -119.040024
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10254868
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-06-20
API Number :	0403054933
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.462208
Longitude :	-119.040024
Last Date in Agency List :	2025-01-30

Map Id: CT457
Direction: ENE
Distance: 0.951 mi., 5022 ft.
Elevation: 679 ft.
Relative: Higher

Site Name : 0402950466
35.449352, -119.021942
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9864768
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402950466
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	F0450
Operator Name :	Fenian Oil Corporation
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.449352
Longitude :	-119.021942
Last Date in Agency List :	2025-01-30

Map Id: CV458
Direction: ENE
Distance: 0.951 mi., 5024 ft.
Elevation: 683 ft.
Relative: Higher

Site Name : 0402950779
35.449936, -119.021996
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9787159
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402950779
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	F0450
Operator Name :	Fenian Oil Corporation
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.449936
Longitude :	-119.021996
Last Date in Agency List :	2025-01-30

Map Id: CO459
Direction: NE
Distance: 0.952 mi., 5025 ft.
Elevation: 746 ft.
Relative: Higher

Site Name : 0403059674
35.460152, -119.029839
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9811238
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403059674
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460152
Longitude :	-119.029839
Last Date in Agency List :	2025-01-30

Map Id: CV460
Direction: ENE
Distance: 0.952 mi., 5025 ft.
Elevation: 685 ft.
Relative: Higher

Site Name : 0402932865
35.45, -119.022
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 39266491
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402932865
Well Status :	Plugged
Well Type :	Water Source
Operator Code :	C5640
Operator Name :	Chevron U.S.A. Inc.
Lease Name :	Kern River Drillers
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Unknown
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.45
Longitude :	-119.022
Last Date in Agency List :	2025-01-30

Map Id: CY461
Direction: NE
Distance: 0.953 mi., 5033 ft.
Elevation: 761 ft.
Relative: Higher

Site Name : POLE
35.456736, -119.025244
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814281
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030266
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00025
Above Mean Sea Level Height (Feet) :	00786
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 24.25N
Longitude :	119 01 30.88W

Map Id: CV462
Direction: ENE
Distance: 0.954 mi., 5037 ft.
Elevation: 742 ft.
Relative: Higher

Site Name : BLDG
35.451211, -119.022192
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 801202
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030057
Obstacle Type :	BLDG
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00019
Above Mean Sea Level Height (Feet) :	00761
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 04.36N
Longitude :	119 01 19.89W

Map Id: DD463
Direction: NE
Distance: 0.956 mi., 5049 ft.
Elevation: 733 ft.
Relative: Higher

Site Name : 0402910792
35.459862, -119.029152
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773561
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910792
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Lease by California Resources Production Corporation
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 25, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459862
Longitude :	-119.029152
Last Date in Agency List :	2025-01-30

Map Id: CV464
Direction: ENE
Distance: 0.956 mi., 5050 ft.
Elevation: 702 ft.
Relative: Higher

Site Name : 0402950806
35.450508, -119.021996
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10220782
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402950806
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	F0450
Operator Name :	Fenian Oil Corporation
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.450508
Longitude :	-119.021996
Last Date in Agency List :	2025-01-30

Map Id: DE465
Direction: NNW
Distance: 0.957 mi., 5054 ft.
Elevation: 646 ft.
Relative: Higher

Site Name : 0402946839
35.460217, -119.051552
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10219288
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402946839
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460217
Longitude :	-119.051552
Last Date in Agency List :	2025-01-30

Map Id: CT466
Direction: ENE
Distance: 0.957 mi., 5055 ft.
Elevation: 682 ft.
Relative: Higher

Site Name : 0402926857
35.448444, -119.021797
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10319420
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402926857
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C5640
Operator Name :	Chevron U.S.A. Inc.
Lease Name :	Cauley Lease #1
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.448444
Longitude :	-119.021797
Last Date in Agency List :	2025-01-30

Map Id: 467
Direction: NW
Distance: 0.958 mi., 5056 ft.
Elevation: 637 ft.
Relative: Higher

Site Name : TANK
35.458617, -119.054106
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 807556
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030178
Obstacle Type :	TANK
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00027
Above Mean Sea Level Height (Feet) :	00663
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 31.02N
Longitude :	119 03 14.78W

Map Id: CV468
Direction: ENE
Distance: 0.959 mi., 5066 ft.
Elevation: 741 ft.
Relative: Higher

Site Name : 0402942038
35.451275, -119.02211
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10324207
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402942038
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	F0450
Operator Name :	Fenian Oil Corporation
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.451275
Longitude :	-119.02211
Last Date in Agency List :	2025-01-30

Map Id: CX469
Direction: ENE
Distance: 0.960 mi., 5071 ft.
Elevation: 761 ft.
Relative: Higher

Site Name : POLE
35.456092, -119.024533
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 813767
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030267
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00038
Above Mean Sea Level Height (Feet) :	00798
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 21.93N
Longitude :	119 01 28.32W

Map Id: CU470
Direction: NNW
Distance: 0.961 mi., 5075 ft.
Elevation: 645 ft.
Relative: Higher

Site Name : 0403060542
35.462009, -119.04657
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257057
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-07-18
API Number :	0403060542
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.462009
Longitude :	-119.04657
Last Date in Agency List :	2025-01-30

Map Id: 471
Direction: NE
Distance: 0.962 mi., 5081 ft.
Elevation: 732 ft.
Relative: Higher

Site Name : POLE
35.458519, -119.026964
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 807271
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030269
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00059
Above Mean Sea Level Height (Feet) :	00790
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 30.67N
Longitude :	119 01 37.07W

Map Id: DC472
Direction: NNE
Distance: 0.962 mi., 5082 ft.
Elevation: 696 ft.
Relative: Higher

Site Name : 0402910818
35.462406, -119.038902
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773345
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910818
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.462406
Longitude :	-119.038902
Last Date in Agency List :	2025-01-30

Map Id: DB473
Direction: NNE
Distance: 0.963 mi., 5086 ft.
Elevation: 738 ft.
Relative: Higher

Site Name : 0403055494
35.462116, -119.035278
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9810221
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-08-30
API Number :	0403055494
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.462116
Longitude :	-119.035278
Last Date in Agency List :	2025-01-30

Map Id: DE474
Direction: NNW
Distance: 0.963 mi., 5086 ft.
Elevation: 644 ft.
Relative: Higher

Site Name : 0402910641
35.460442, -119.051315
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773260
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910641
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.460442
Longitude :	-119.051315
Last Date in Agency List :	2025-01-30

Map Id: DF475
Direction: NNE
Distance: 0.964 mi., 5092 ft.
Elevation: 714 ft.
Relative: Higher

Site Name : 0403054936
35.462421, -119.03817
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362482
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-08-14
API Number :	0403054936
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.462421
Longitude :	-119.03817
Last Date in Agency List :	2025-01-30

Map Id: 476
Direction: NW
Distance: 0.965 mi., 5094 ft.
Elevation: 576 ft.
Relative: Lower

Site Name : 0402910918
35.455498, -119.058746
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10311978
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910918
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	09287
Operator Name :	Wilrich Development Co.
Lease Name :	Wilrich Kramer
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 34, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.455498
Longitude :	-119.058746
Last Date in Agency List :	2025-01-30

Map Id: CN477
Direction: N
Distance: 0.965 mi., 5096 ft.
Elevation: 675 ft.
Relative: Higher

Site Name : 0403060541
35.462428, -119.043875
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10257056
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-07-11
API Number :	0403060541
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.462428
Longitude :	-119.043875
Last Date in Agency List :	2025-01-30

Map Id: DA478
Direction: NNE
Distance: 0.965 mi., 5097 ft.
Elevation: 746 ft.
Relative: Higher

Site Name : 0402910741
35.461227, -119.031799
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773307
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910741
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461227
Longitude :	-119.031799
Last Date in Agency List :	2025-01-30

Map Id: DD479
Direction: NE
Distance: 0.965 mi., 5098 ft.
Elevation: 734 ft.
Relative: Higher

Site Name : 0402900366
35.459991, -119.029091
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9852142
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402900366
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Lease by California Resources Production Corporation
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 25, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.459991
Longitude :	-119.029091
Last Date in Agency List :	2025-01-30

Map Id: CW480
Direction: NNE
Distance: 0.965 mi., 5098 ft.
Elevation: 731 ft.
Relative: Higher

Site Name : 0402910752
35.461838, -119.033791
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208030
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910752
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461838
Longitude :	-119.033791
Last Date in Agency List :	2025-01-30

Map Id: CU481
Direction: NNW
Distance: 0.966 mi., 5099 ft.
Elevation: 645 ft.
Relative: Higher

Site Name : 0403060543
35.462087, -119.046527
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362380
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-07-21
API Number :	0403060543
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.462087
Longitude :	-119.046527
Last Date in Agency List :	2025-01-30

Map Id: DF482
Direction: NNE
Distance: 0.966 mi., 5101 ft.
Elevation: 726 ft.
Relative: Higher

Site Name : 0402910730
35.462425, -119.037682
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773538
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910730
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.462425
Longitude :	-119.037682
Last Date in Agency List :	2025-01-30

Map Id: DD483
Direction: NE
Distance: 0.966 mi., 5101 ft.
Elevation: 739 ft.
Relative: Higher

Site Name : 0402910735
35.4601, -119.02927
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 45666500
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	1947-10-21
API Number :	0402910735
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.4601
Longitude :	-119.02927
Last Date in Agency List :	2025-01-30

Map Id: DG484
Direction: E
Distance: 0.966 mi., 5101 ft.
Elevation: 623 ft.
Relative: Higher

Site Name : T-L TWR
35.443753, -119.021739
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 821690
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2012-09-11
Action :	Change
FAA Study Number :	N/R
OBS Number :	06-001382
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	None
Verification Status :	Verified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00117
Above Mean Sea Level Height (Feet) :	00739
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-10'
Latitude :	35 26 37.51N
Longitude :	119 01 18.26W

Map Id: 485
Direction: E
Distance: 0.967 mi., 5107 ft.
Elevation: 609 ft.
Relative: Higher

Site Name : 352630119011501
35.441624, -119.021767
CA
Database(s) : [NWIS]

Envirosite ID: 9204125
EPA ID: N/R

NWIS

Site Identification Number :	352630119011501
Site Type :	Well
Station Name :	029S028E06D001M
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Kern County
Country :	USA
Land Net Location :	SESWS36 T28S R27E M
Name of Location Map :	KERN RIVER F2
Scale of Location Map :	63360
Altitude of Gage/Land Surface :	600.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Tulare Lake Bed
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R

Map Id: 485
Direction: E
Distance: 0.967 mi., 5107 ft.
Elevation: 609 ft.
Relative: Higher

Site Name : 352630119011501
35.441624, -119.021767
CA

Database(s) : [NWIS] *(cont.)*

Envirosite ID: 9204125
EPA ID: N/R

NWIS *(cont.)*

Data Reliability :	Unchecked data.
Data-Other GW Files :	YNYNNNNN
National Aquifer :	Central Valley aquifer system
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Measurements Begin Date:	N/R
Field Water-level Measurements End Date:	N/R
Field Water-Level Measurements Count:	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	35.441624
Longitude :	-119.021767
Last Date in Agency List :	2024-12-02

Map Id: DG486
Direction: E
Distance: 0.968 mi., 5111 ft.
Elevation: 624 ft.
Relative: Higher

Site Name : T-L TWR
35.443825, -119.021706
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 819155
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030190
Obstacle Type :	T-L TWR
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00123
Above Mean Sea Level Height (Feet) :	00746
Horizontal Accuracy :	+-50'

Map Id: DG486
Direction: E
Distance: 0.968 mi., 5111 ft.
Elevation: 624 ft.
Relative: Higher

Site Name : T-L TWR
35.443825, -119.021706
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE] *(cont.)*

Envirosite ID: 819155
EPA ID: N/R

DIGITAL OBSTACLE *(cont.)*

Vertical Accuracy :	+-20'
Latitude :	35 26 37.77N
Longitude :	119 01 18.14W

Map Id: CN487
Direction: N
Distance: 0.970 mi., 5119 ft.
Elevation: 675 ft.
Relative: Higher

Site Name : 0403060540
35.462486, -119.043952
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9891223
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-07-14
API Number :	0403060540
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.462486
Longitude :	-119.043952
Last Date in Agency List :	2025-01-30

Map Id: CS488
Direction: NNW
Distance: 0.970 mi., 5120 ft.
Elevation: 633 ft.
Relative: Higher

Site Name : 0402910668
35.461769, -119.048103
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10312136
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910668
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	B3077

Map Id: CS488
Direction: NNW
Distance: 0.970 mi., 5120 ft.
Elevation: 633 ft.
Relative: Higher

Site Name : 0402910668
35.461769, -119.048103
CA

Database(s) : [OIL & GAS WELLS - CA] *(cont.)*

Envirosite ID: 10312136
EPA ID: N/R

OIL & GAS WELLS - CA *(cont.)*

Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461769
Longitude :	-119.048103
Last Date in Agency List :	2025-01-30

Map Id: CV489
Direction: ENE
Distance: 0.970 mi., 5121 ft.
Elevation: 727 ft.
Relative: Higher

Site Name : 0402950808
35.451107, -119.021881
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9787165
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402950808
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	F0450
Operator Name :	Fenian Oil Corporation
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	mip
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.451107
Longitude :	-119.021881
Last Date in Agency List :	2025-01-30

Map Id: DC490
Direction: N
Distance: 0.970 mi., 5122 ft.
Elevation: 708 ft.
Relative: Higher

Site Name : 0403054684
35.462522, -119.039846
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 56745004
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-07-14
API Number :	0403054684
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.462522
Longitude :	-119.039846
Last Date in Agency List :	2025-01-30

Map Id: CU491
Direction: NNW
Distance: 0.970 mi., 5123 ft.
Elevation: 644 ft.
Relative: Higher

Site Name : 0403059023
35.462162, -119.046486
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9889358
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0403059023
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.462162
Longitude :	-119.046486
Last Date in Agency List :	2025-01-30

Map Id: DH492
Direction: NE
Distance: 0.971 mi., 5127 ft.
Elevation: 756 ft.
Relative: Higher

Site Name : 0403055335
35.460747, -119.030403
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10255028
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-08-18
API Number :	0403055335
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460747
Longitude :	-119.030403
Last Date in Agency List :	2025-01-30

Map Id: DF493
Direction: NNE
Distance: 0.972 mi., 5134 ft.
Elevation: 729 ft.
Relative: Higher

Site Name : 0402910749
35.462498, -119.037376
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10208027
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	1948-06-15
API Number :	0402910749
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.462498
Longitude :	-119.037376
Last Date in Agency List :	2025-01-30

Map Id: DI494
Direction: ENE
Distance: 0.973 mi., 5138 ft.
Elevation: 738 ft.
Relative: Higher

Site Name : 0402942200
35.452087, -119.022095
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10217639
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402942200
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	F0450
Operator Name :	Fenian Oil Corporation
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.452087
Longitude :	-119.022095
Last Date in Agency List :	2025-01-30

Map Id: CZ495
Direction: ENE
Distance: 0.974 mi., 5141 ft.
Elevation: 756 ft.
Relative: Higher

Site Name : 0402942201
35.45298, -119.022415
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9863539
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402942201
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	F0450
Operator Name :	Fenian Oil Corporation
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.45298
Longitude :	-119.022415
Last Date in Agency List :	2025-01-30

Map Id: CU496
Direction: NNW
Distance: 0.975 mi., 5148 ft.
Elevation: 644 ft.
Relative: Higher

Site Name : 0403060539
35.462238, -119.046448
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10364493
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2017-07-28
API Number :	0403060539
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.462238
Longitude :	-119.046448
Last Date in Agency List :	2025-01-30

Map Id: CW497
Direction: NNE
Distance: 0.975 mi., 5148 ft.
Elevation: 739 ft.
Relative: Higher

Site Name : 0403055495
35.462059, -119.034119
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9888546
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-11-14
API Number :	0403055495
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.462059
Longitude :	-119.034119
Last Date in Agency List :	2025-01-30

Map Id: DA498
Direction: NNE
Distance: 0.975 mi., 5148 ft.
Elevation: 749 ft.
Relative: Higher

Site Name : 0403055330
35.461288, -119.031548
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9888502
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-08-21
API Number :	0403055330
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.461288
Longitude :	-119.031548
Last Date in Agency List :	2025-01-30

Map Id: 499
Direction: NNW
Distance: 0.976 mi., 5154 ft.
Elevation: 643 ft.
Relative: Higher

Site Name : 0402910640
35.461048, -119.050453
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773257
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910640
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	B3077
Operator Name :	Bellaire Oil Company
Lease Name :	Lease by Bellaire Oil Company
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 27, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461048
Longitude :	-119.050453
Last Date in Agency List :	2025-01-30

Map Id: CW500
Direction: NNE
Distance: 0.978 mi., 5163 ft.
Elevation: 741 ft.
Relative: Higher

Site Name : 0403053922
35.461941, -119.03347
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362110
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-03-16
API Number :	0403053922
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.461941
Longitude :	-119.03347
Last Date in Agency List :	2025-01-30

Map Id: DI501
Direction: ENE
Distance: 0.979 mi., 5168 ft.
Elevation: 756 ft.
Relative: Higher

Site Name : 0402950810
35.451679, -119.021866
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10221554
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402950810
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	F0450
Operator Name :	Fenian Oil Corporation
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	mip
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.451679
Longitude :	-119.021866
Last Date in Agency List :	2025-01-30

Map Id: DB502
Direction: NNE
Distance: 0.980 mi., 5177 ft.
Elevation: 732 ft.
Relative: Higher

Site Name : POLE
35.462281, -119.034781
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 813774
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030247
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00030
Above Mean Sea Level Height (Feet) :	00762
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 44.21N
Longitude :	119 02 05.21W

Map Id: 503
Direction: E
Distance: 0.981 mi., 5180 ft.
Elevation: 640 ft.
Relative: Higher

Site Name : 0402920932
35.445007, -119.021446
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10211158
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402920932
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	01499
Operator Name :	Charles B. Webster
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.445007
Longitude :	-119.021446
Last Date in Agency List :	2025-01-30

Map Id: CU504
Direction: NNW
Distance: 0.983 mi., 5190 ft.
Elevation: 641 ft.
Relative: Higher

Site Name : 0403066750
35.462271, -119.046881
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 56742458
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-10-13
API Number :	0403066750
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.462271
Longitude :	-119.046881
Last Date in Agency List :	2025-01-30

Map Id: DJ505
Direction: NNE
Distance: 0.983 mi., 5190 ft.
Elevation: 755 ft.
Relative: Higher

Site Name : 0402910753
35.461796, -119.032677
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10311927
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910753
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Operator
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.461796
Longitude :	-119.032677
Last Date in Agency List :	2025-01-30

Map Id: CU506
Direction: N
Distance: 0.983 mi., 5192 ft.
Elevation: 645 ft.
Relative: Higher

Site Name : 0403066792
35.462467, -119.045864
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 45666667
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-10-09
API Number :	0403066792
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.462467
Longitude :	-119.045864
Last Date in Agency List :	2025-01-30

Map Id: DB507
Direction: NNE
Distance: 0.984 mi., 5195 ft.
Elevation: 750 ft.
Relative: Higher

Site Name : 0403054937
35.462455, -119.035486
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 51886620
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2015-01-08
API Number :	0403054937
Well Status :	Idle
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.462455
Longitude :	-119.035486
Last Date in Agency List :	2025-01-30

Map Id: DK508
Direction: E
Distance: 0.986 mi., 5205 ft.
Elevation: 660 ft.
Relative: Higher

Site Name : 0402954792
35.44751, -119.021309
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9865999
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402954792
Well Status :	Canceled
Well Type :	Oil & Gas
Operator Code :	D3800
Operator Name :	Jess Douglas Oil Operations
Lease Name :	Cauley Lease #1
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	mip
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.44751
Longitude :	-119.021309
Last Date in Agency List :	2025-01-30

Map Id: DH509
Direction: NE
Distance: 0.987 mi., 5209 ft.
Elevation: 760 ft.
Relative: Higher

Site Name : 0403055336
35.460747, -119.029846
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10255029
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-08-01
API Number :	0403055336
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.460747
Longitude :	-119.029846
Last Date in Agency List :	2025-01-30

Map Id: CV510
Direction: ENE
Distance: 0.987 mi., 5213 ft.
Elevation: 698 ft.
Relative: Higher

Site Name : 0402926747
35.450195, -119.021393
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10319347
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402926747
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	F0450
Operator Name :	Fenian Oil Corporation
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.450195
Longitude :	-119.021393
Last Date in Agency List :	2025-01-30

Map Id: CU511
Direction: NNW
Distance: 0.987 mi., 5214 ft.
Elevation: 640 ft.
Relative: Higher

Site Name : 0403066794
35.462348, -119.04684
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 51886979
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-10-11
API Number :	0403066794
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.462348
Longitude :	-119.04684
Last Date in Agency List :	2025-01-30

Map Id: CT512
Direction: E
Distance: 0.988 mi., 5215 ft.
Elevation: 670 ft.
Relative: Higher

Site Name : 0402926854
35.448174, -119.021263
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9859979
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402926854
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C5640
Operator Name :	Chevron U.S.A. Inc.
Lease Name :	Cauley Lease #1
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.448174
Longitude :	-119.021263
Last Date in Agency List :	2025-01-30

Map Id: DB513
Direction: NNE
Distance: 0.989 mi., 5221 ft.
Elevation: 746 ft.
Relative: Higher

Site Name : 0402910743
35.462499, -119.03531
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 50705230
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	1948-01-30
API Number :	0402910743
Well Status :	Idle
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.462499
Longitude :	-119.03531
Last Date in Agency List :	2025-01-30

Map Id: DB514
Direction: NNE
Distance: 0.989 mi., 5223 ft.
Elevation: 735 ft.
Relative: Higher

Site Name : 0403055489
35.462414, -119.034805
CA

Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9888540
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2015-01-11
API Number :	0403055489
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.462414
Longitude :	-119.034805
Last Date in Agency List :	2025-01-30

Map Id: CX515
Direction: ENE
Distance: 0.989 mi., 5224 ft.
Elevation: 767 ft.
Relative: Higher

Site Name : POLE
35.456272, -119.024064
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 812617
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030277
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00049
Above Mean Sea Level Height (Feet) :	00815
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 22.58N
Longitude :	119 01 26.63W

Map Id: CW516
Direction: NNE
Distance: 0.991 mi., 5231 ft.
Elevation: 740 ft.
Relative: Higher

Site Name : POLE
35.462361, -119.034431
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 822082
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030249
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00033
Above Mean Sea Level Height (Feet) :	00773
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 44.50N
Longitude :	119 02 03.95W

Map Id: CV517
Direction: ENE
Distance: 0.991 mi., 5232 ft.
Elevation: 692 ft.
Relative: Higher

Site Name : 0402950805
35.449936, -119.021294
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10220781
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402950805
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	F0450
Operator Name :	Fenian Oil Corporation
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.449936
Longitude :	-119.021294
Last Date in Agency List :	2025-01-30

Map Id: CT518
Direction: ENE
Distance: 0.991 mi., 5234 ft.
Elevation: 695 ft.
Relative: Higher

Site Name : 0402926745
35.448875, -119.021202
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9781024
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402926745
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	F0450
Operator Name :	Fenian Oil Corporation
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.448875
Longitude :	-119.021202
Last Date in Agency List :	2025-01-30

Map Id: DC519
Direction: N
Distance: 0.991 mi., 5235 ft.
Elevation: 679 ft.
Relative: Higher

Site Name : 0403055040
35.462837, -119.040443
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9888424
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-07-10
API Number :	0403055040
Well Status :	Active
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.462837
Longitude :	-119.040443
Last Date in Agency List :	2025-01-30

Map Id: DK520
Direction: E
Distance: 0.992 mi., 5240 ft.
Elevation: 663 ft.
Relative: Higher

Site Name : 0402926855
35.447353, -119.021194
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10212479
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402926855
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C5640
Operator Name :	Chevron U.S.A. Inc.
Lease Name :	Cauley Lease #1
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.447353
Longitude :	-119.021194
Last Date in Agency List :	2025-01-30

Map Id: 521
Direction: NW
Distance: 0.993 mi., 5242 ft.
Elevation: 645 ft.
Relative: Higher

Site Name : POLE
35.459944, -119.053147
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 811974
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030114
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00044
Above Mean Sea Level Height (Feet) :	00689
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 35.80N
Longitude :	119 03 11.33W

Map Id: DL522
Direction: ENE
Distance: 0.993 mi., 5243 ft.
Elevation: 685 ft.
Relative: Higher

Site Name : 0402926746
35.4496, -119.021217
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9780394
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402926746
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	F0450
Operator Name :	Fenian Oil Corporation
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.4496
Longitude :	-119.021217
Last Date in Agency List :	2025-01-30

Map Id: DJ523
Direction: NNE
Distance: 0.994 mi., 5247 ft.
Elevation: 755 ft.
Relative: Higher

Site Name : 0403053923
35.461922, -119.032547
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9889523
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-03-23
API Number :	0403053923
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole Fee
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Notice of Intent to Drill
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.461922
Longitude :	-119.032547
Last Date in Agency List :	2025-01-30

Map Id: CT524
Direction: E
Distance: 0.994 mi., 5250 ft.
Elevation: 678 ft.
Relative: Higher

Site Name : 0402962776
35.448463, -119.021141
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9867982
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402962776
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C5640
Operator Name :	Chevron U.S.A. Inc.
Lease Name :	Cauley Lease #1
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.448463
Longitude :	-119.021141
Last Date in Agency List :	2025-01-30

Map Id: DC525
Direction: N
Distance: 0.996 mi., 5258 ft.
Elevation: 705 ft.
Relative: Higher

Site Name : 0403054932
35.462887, -119.038956
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10362480
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2014-08-11
API Number :	0403054932
Well Status :	Plugged
Well Type :	Cyclic Steam
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Unspecified
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.462887
Longitude :	-119.038956
Last Date in Agency List :	2025-01-30

Map Id: DL526
Direction: ENE
Distance: 0.996 mi., 5260 ft.
Elevation: 693 ft.
Relative: Higher

Site Name : 0402950464
35.449375, -119.021141
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10221410
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402950464
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	F0450
Operator Name :	Fenian Oil Corporation
Lease Name :	Cauley
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.449375
Longitude :	-119.021141
Last Date in Agency List :	2025-01-30

Map Id: DB527
Direction: NNE
Distance: 0.997 mi., 5262 ft.
Elevation: 739 ft.
Relative: Higher

Site Name : 0402910754
35.462593, -119.035187
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 10311929
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910754
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.462593
Longitude :	-119.035187
Last Date in Agency List :	2025-01-30

Map Id: DB528
Direction: NNE
Distance: 0.997 mi., 5262 ft.
Elevation: 738 ft.
Relative: Higher

Site Name : 0402910744
35.462505, -119.034698
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9773317
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402910744
Well Status :	Active
Well Type :	Oil & Gas
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Cole
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	GPS
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.462505
Longitude :	-119.034698
Last Date in Agency List :	2025-01-30

Map Id: CU529
Direction: NNW
Distance: 0.997 mi., 5263 ft.
Elevation: 640 ft.
Relative: Higher

Site Name : 0403066724
35.4625, -119.046764
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 44268782
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	2019-10-08
API Number :	0403066724
Well Status :	Active
Well Type :	Steamflood
Operator Code :	C0885
Operator Name :	California Resources Production Corporation
Lease Name :	Sill One
Field Name :	Kern Front
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 26, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	Well Summary
Confidential Well :	No
Directionallly Drilled :	Yes
Latitude :	35.4625
Longitude :	-119.046763
Last Date in Agency List :	2025-01-30

Map Id: CV530
Direction: ENE
Distance: 0.997 mi., 5263 ft.
Elevation: 694 ft.
Relative: Higher

Site Name : 0402922014
35.449978, -119.021194
CA
Database(s) : [OIL & GAS WELLS - CA]

Envirosite ID: 9858572
EPA ID: N/R

OIL & GAS WELLS - CA

Spud Date :	N/R
API Number :	0402922014
Well Status :	Plugged
Well Type :	Oil & Gas
Operator Code :	F0450
Operator Name :	Fenian Oil Corporation
Lease Name :	Nicholls
Field Name :	Kern River
Area Name :	Any Area
District :	Inland
County :	Kern
Section/Township/Range :	SEC 36, TWP 28S, RNG 27E
Base Meridian :	Mount Diablo
GIS Source :	hud
Confidential Well :	No
Directionallly Drilled :	No
Latitude :	35.449978
Longitude :	-119.021194
Last Date in Agency List :	2025-01-30

Map Id: DB531
Direction: NNE
Distance: 0.997 mi., 5265 ft.
Elevation: 736 ft.
Relative: Higher

Site Name : POLE
35.462533, -119.034803
BAKERSFIELD, CA
Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814559
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030248
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00028
Above Mean Sea Level Height (Feet) :	00764
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 45.12N
Longitude :	119 02 05.29W

Map Id: 532
Direction: NNW
Distance: 1.000 mi., 5280 ft.
Elevation: 644 ft.
Relative: Higher

Site Name : POLE
35.461722, -119.049708
BAKERSFIELD, CA

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 814082
EPA ID: N/R

DIGITAL OBSTACLE

Date of Action :	2013-03-26
Action :	Add
FAA Study Number :	N/R
OBS Number :	06-030131
Obstacle Type :	POLE
City Name :	BAKERSFIELD
State Identifier :	CA
Country Identifier :	USA
Type of Lighting :	Unknown
Verification Status :	Verified
Quantity :	1
Mark Indicator :	Unknown
Above Ground Level Height (Feet) :	00030
Above Mean Sea Level Height (Feet) :	00673
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	35 27 42.20N
Longitude :	119 02 58.95W

RADON DATA:

STATE SOURCE: CA

Radon Test Results:

Zip:	Total Sites:	Cnt >=4 pCi/L:	Pct >= 4 pCi/L:	Max Result (pCi/L):
93308	44	2	4.545	8.1

FEDERAL AREA RADON INFORMATION FOR: 93308

NUMBER OF SAMPLE SITES: 5

Area:	Average Activity:	% <4 pCi/L:	% 4-20 pCi/L:	% >20 pCi/L:
first floor	1.675 pCi/L	100%	0%	0%
unknown	2.8 pCi/L	100%	0%	0%

FEDERAL EPA RADON ZONE FOR KERN COUNTY: Zone = 2

Note: Zone 1 indoor average level > 4 pCI/L

: Zone 2 indoor average level > = 2 pCI/L and <= 4 pCI/L

: Zone 3 indoor average < 2 pCI/L

HIST PWS ENF
Historical Public Water Supply locations with Enforcement Violations
Environmental Protection Agency
(800) 426-4791
List of Safe Drinking Water Information Systems (SDWIS) with enforcement violations that are no longer in current agency list.

NWIS
National Water Information Systems
United States Geological Society
(703) 648-5953
Information on all water resources for the United States. This database contains all current and historical data for the nation.

PWS
Public Water Supply
Environmental Protection Agency
(800) 426-4791
Safe drinking water information Systems

PWS ENF
Public Water Supply locations with Enforcement Violations
Environmental Protection Agency
(800) 426-4791
Safe drinking water information Systems with enforcememnt violations

WELLS - GAMA - CA
California Groundwater Ambient Monitoring Assessment
State Water Resources Control Board
916-341-5791
Brings together datasets from California state agencies including: Public Health Water Resources and Pesticide Regulation as well as from the US Geological Survey Lawrence Livermore National Laboratory and the Water Boards. It shows results for untreated raw water in different types of wells for naturally-occurring and man-made chemicals.

FLOOD Q3
Flood data
Environmental Protection Agency
(202) 566-1667
Q3 Flood Data

HYDROLOGIC UNIT
Hydrologic Unit Maps
USGS
The United States Geological Survey created a hierarchical system of hydrologic units originally called regions, sub-regions, accounting units, and cataloging units. Each unit was assigned a unique Hydrologic Unit Code (HUC). As first implemented the system had 21 regions, 221 subregions, 378 accounting units, and 2,264 cataloging units. Over time the system was changed and expanded. As of 2010 there are six levels in the hierarchy, represented by hydrologic unit codes from 2 to 12 digits long, called regions, subregions, basins, subbasins, watersheds, and subwatersheds. The table below describes the system's hydrologic unit levels and their characteristics, along with example names and codes.

WETLANDS NWI
National Wetland Inventory
U.S. Fish and Wildlife Service
(703) 358-2171
Wetland Inventory for the United States

SSURGO
Detailed Soil Data Map
Natural Resources Conservation Service: U.S. Department of Agriculture
(202) 690-4985
Detailed Soil Data Map

USGS GEOLOGIC AGE
USGS Digital Data Series DDS
Natural Resources Conservation Service: U.S. Department of Agriculture
(202) 690-4985
USGS Digital Data Series DDS: Geologic Age and Rock Stratigraphic Unit

OIL & GAS WELLS - CA
Oil and Gas Well Data
State of California Department of Conservation
916-327-1042
Oil and gas well locations and detail for all 6 districts

RADON
National Radon Database
U.S. Environmental Protection Agency
215-814-2469
A study of the EPA/State Residential Radon Survey and the National Residential Radon Survey.

RADON - CA
Radon tested locations in California
California Department of Health Services
(916) 449-5674
A table of long term and short term indoor radon measurments

RADON EPA
RADON EPA
U.S. Environmental Protection Agency
215-814-2469
EPA list of Radon zones

BASINS
Better Assessment Science Integrating point & Non-point Sources
U.S. Environmental Protection Agency
855-246-3642
Integrated geographical information system national watershed data and environmental assessment known as Better Assessment Science Integrating point & Non-point Sources

DIGITAL OBSTACLE
Obstacles of interest to aviation users
Federal Aviation Administration
855-379-6518
The Digital Obstacle File describes all known obstacles of interest to aviation users in the U.S. with limited coverage of the Pacific the Caribbean Canada and Mexico. The obstacles are assigned unique numerical identifiers; accuracy codes and listed in order of ascending latitude within each state or area by FAA Region.

EPICENTERS
National Geographical Data Center
National Geographical Data Center
303-497-6826
List of recent and historic earthquakes and information.

FLOOD DFIRM
National Flood Hazard Layer Database
Federal Emergency Management Agency
The National Flood Hazard Layer Database (NFHL) is a computer database that contains the flood hazard map information from FEMAs Flood Map Modernization program. These map data are from Digital Flood Insurance Rate Map (DFIRM) databases and Letters of Map Revision.

Appendix D:

Historical Research Documentation

Historical Aerial Photo Report | 2025

Order Number: 105524
Report Generated: 02/14/2025

Project Name: Airport Commerce Center
Project Number: 5901.0001

Airport Commerce Center
1211 Petrol Rd
Bakersfield, CA, 93308

Contact us at:
(866) 211-2028
envirositecorp.com

Historical Aerial Photo Report 2025

Envirosite's Historical Aerial Photo Report is designed to assist in evaluating a subject property resulting from past activities. Envirosite's Historical Aerial Photo Report includes a search of available historical aerial photographs, dating back to the 1930s, or earliest available photographs.

ENVIROSITE SEARCHED SOURCES

SUBJECT PROPERTY:

Airport Commerce Center
1211 Petrol Rd
Bakersfield, CA, 93308

YEAR:	***SCALE:***	***SOURCE:***
1937	1" = 500'	U.S.D.A
1946	1" = 500'	U.S.D.A
1952	1" = 500'	U.S.D.A
1956	1" = 500'	U.S.D.A
1961	1" = 500'	U.S.D.A
1964	1" = 1,000'	U.S.G.S
1967	1" = 500'	U.S.D.A
1968	1" = 500'	U.S.G.S
1971	1" = 1,000'	U.S.G.S
1972	1" = 500'	U.S.D.A
1974	1" = 1,000'	U.S.G.S
1975	1" = 1,000'	U.S.G.S
1978	1" = 1,000'	U.S.G.S
1984	1" = 1,000'	U.S.G.S
1985	1" = 1,000'	U.S.G.S
1989	1" = 1,000'	NAPP
1994	1" = 500'	DOQ
1995	1" = 1,000'	U.S.G.S
2002	1" = 1,000'	NAPP
2005	1" = 500'	NAIP
2009	1" = 500'	NAIP
2010	1" = 500'	NAIP
2012	1" = 500'	NAIP
2014	1" = 500'	NAIP
2016	1" = 500'	NAIP
2018	1" = 500'	NAIP
2020	1" = 500'	NAIP
2022	1" = 500'	NAIP

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FLIGHT YEAR:
1937

N
W E
S

Scale: 1" = 500'



FLIGHT YEAR:
1946

N
W E
S

Scale: 1" = 500'



FLIGHT YEAR:
1952

N
W E
S

Scale: 1" = 500'



FLIGHT YEAR:
1956

N
W E
S

Scale: 1" = 500'



FLIGHT YEAR:
1961

N
W E
S

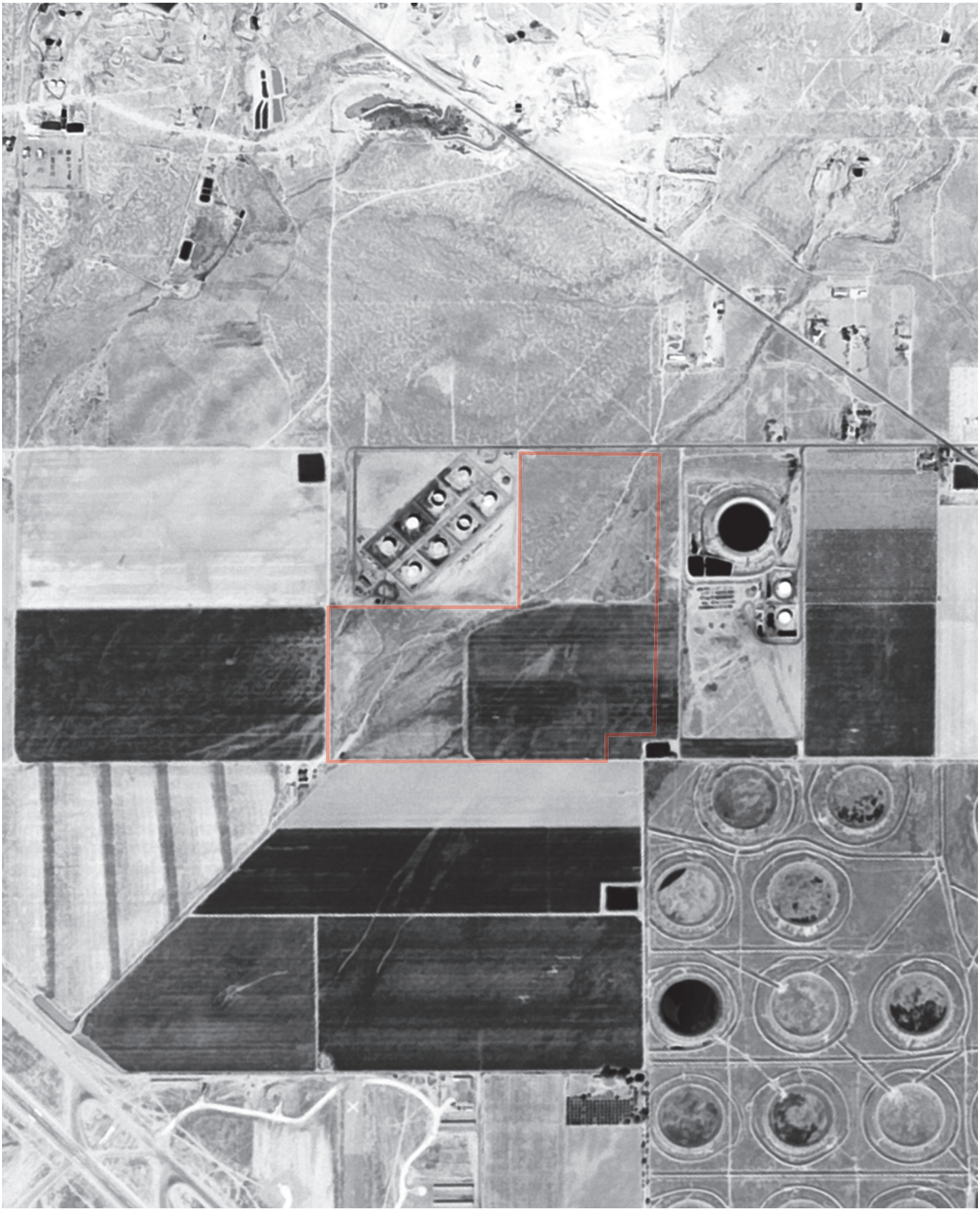
Scale: 1" = 500'



FLIGHT YEAR:
1964

N
W E
S

Scale: 1" = 1,000'



FLIGHT YEAR:
1967

N
W E
S

Scale: 1" = 500'



FLIGHT YEAR:
1968

N
W E
S

Scale: 1" = 500'



FLIGHT YEAR:
1971

N
W E
S

Scale: 1" = 1,000'



FLIGHT YEAR:
1972

N
W E
S

Scale: 1" = 500'



FLIGHT YEAR:
1974

N
W E
S

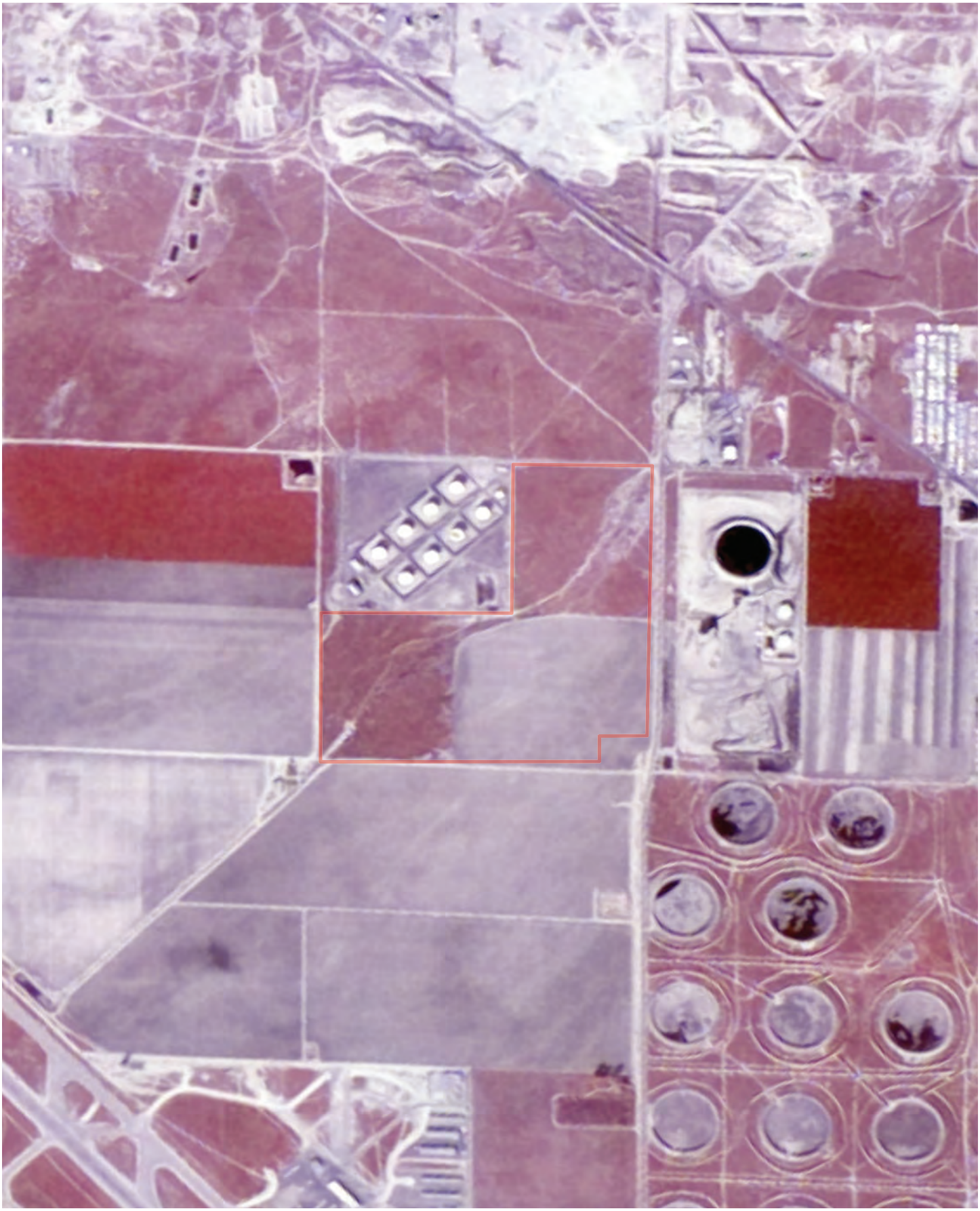
Scale: 1" = 1,000'



FLIGHT YEAR:
1975

N
W E
S

Scale: 1" = 1,000'



FLIGHT YEAR:
1978

N
W E
S

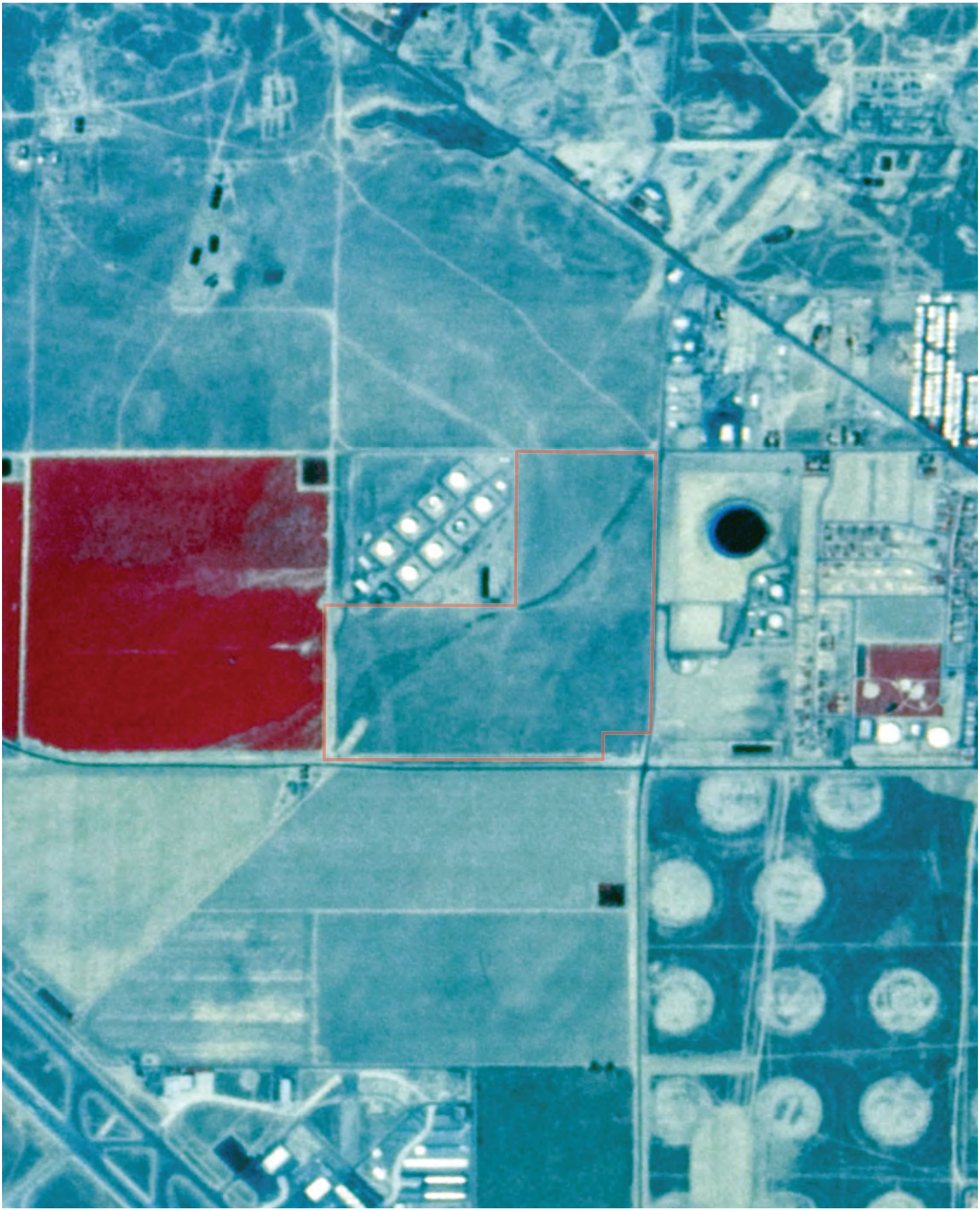
Scale: 1" = 1,000'



FLIGHT YEAR:
1984

N
W E
S

Scale: 1" = 1,000'

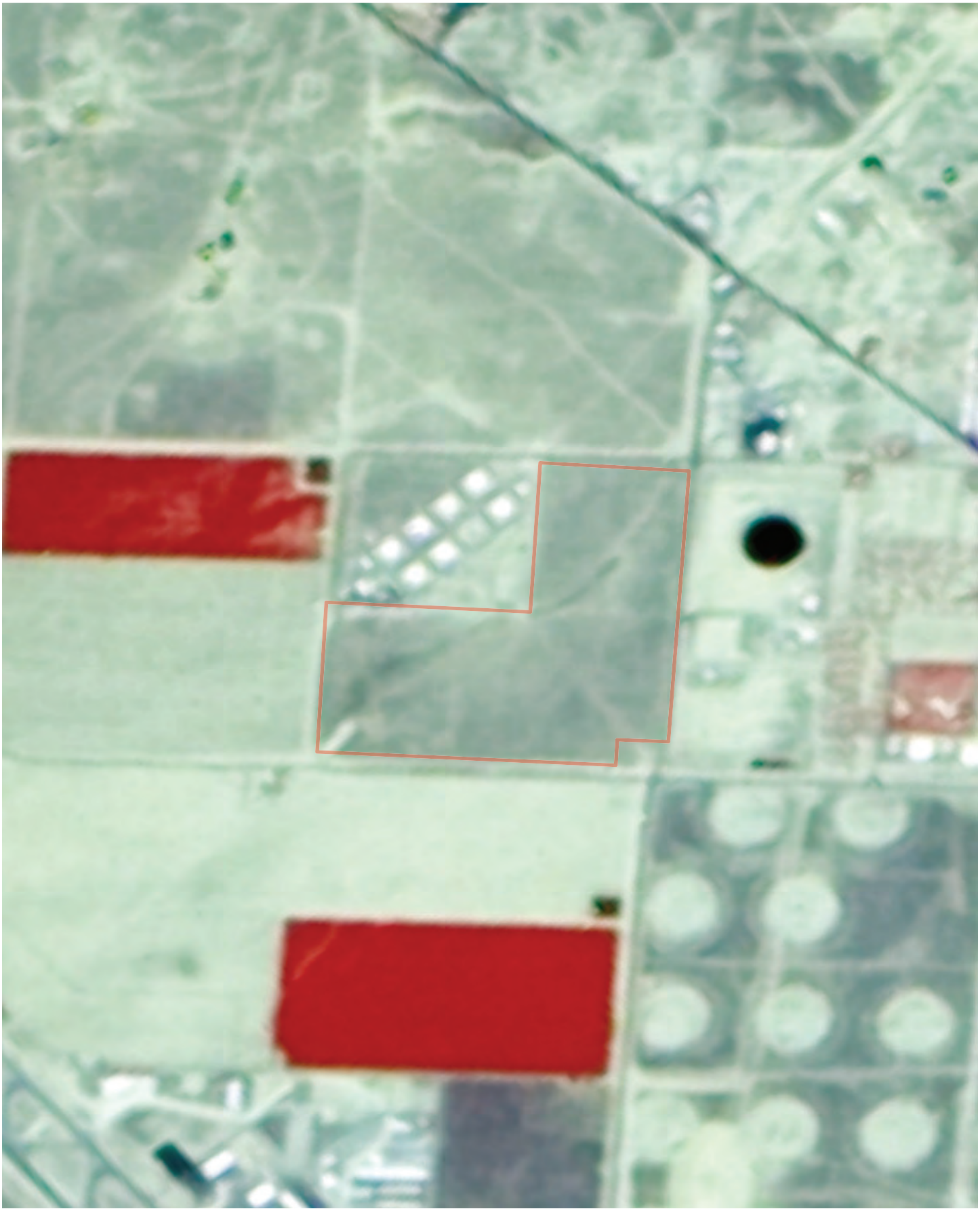


FLIGHT YEAR:
1985

Best Quality Available

N
W E
S

Scale: 1" = 1,000'



FLIGHT YEAR:
1989

N
W E
S

Scale: 1" = 1,000'



FLIGHT YEAR:
1994

N
W E
S

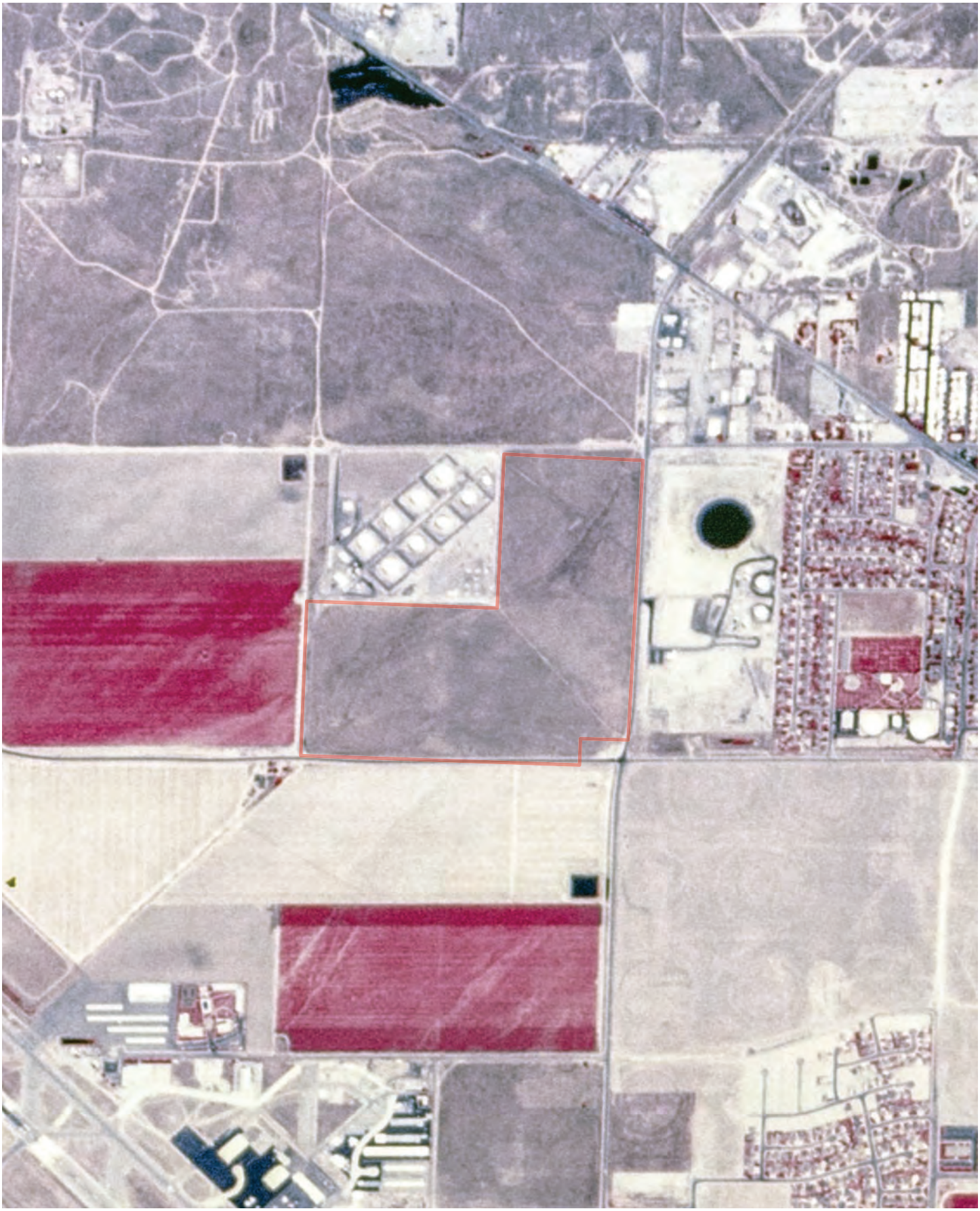
Scale: 1" = 500'



FLIGHT YEAR:
1995

N
W E
S

Scale: 1" = 1,000'



FLIGHT YEAR:
2002

N
W E
S

Scale: 1" = 1,000'



FLIGHT YEAR:
2005

N
W E
S

Scale: 1" = 500'



FLIGHT YEAR:
2009

N
W E
S

Scale: 1" = 500'



FLIGHT YEAR:
2010

N
W E
S

Scale: 1" = 500'



FLIGHT YEAR:
2012

N
W E
S

Scale: 1" = 500'



FLIGHT YEAR:
2014

N
W E
S

Scale: 1" = 500'



FLIGHT YEAR:
2016

N
W E
S

Scale: 1" = 500'



FLIGHT YEAR:
2018

N
W E
S

Scale: 1" = 500'



FLIGHT YEAR:
2020

N
W E
S

Scale: 1" = 500'



FLIGHT YEAR:
2022

N
W E
S

Scale: 1" = 500'



ENVIROSITE

Platinum City Directory Report | 2025

Order Number: 105524

Report Generated: 02/13/2025

Airport Commerce Center
1211 Petrol Rd
Bakersfield, CA 93308

Prepared for Envirosite Corporation By:

Property Archives

56 Broome Corporate Parkway
Conklin, NY 13748

Toll Free: 866-211-2028
www.envirositecorp.com

PREMIUM CITY DIRECTORY REPORT

Property Archives' Premium City Directory Report exceeds the ASTM E1527-21 standard and provides the most comprehensive coverage in the industry by including a search of Property Archives' exclusive and proprietary database of over three billion commercial and residential records, business names and occupant records for every city and town in the United States, at approximate five-year intervals, from recent years back to 1992 for the street and address ranges for the subject and adjoining properties.

In addition, further investigation is performed by Property Archives' professional research staff in national repositories, including the Library of Congress and the Allen County Public Library. Coverage is researched in city directories, cross directories and street address directories in hardcopy or microfilm format and research is completed at five-year intervals back to the earliest directory publication.

Abstracts of the information from the directories are provided and where possible, images from directories in the public domain, are included in the final report.

Please email us at orders@propertyarchives.net or call 833-444-DATA (3282) with any questions.

Property Archives

SUBJECT STREET:

500-1900 Petrol Rd, Bakersfield, CA 93308

ADJOINING STREET(S):

Landings Way, Bakersfield, CA 93308
2000-7000 Airport Drive, Bakersfield, CA 93308

RESEARCH SOURCES:

SOURCE	YEAR(S)
Property Archives	2023, 2020, 2015, 2010, 2006, 2001, 1998, 1993
Bakersfield City Directory	1983, 1978, 1973, 1968, 1964, 1961

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PREMIUM CITY DIRECTORY REPORT

Subject Street Findings: 500-1900 Petrol Rd

2023

Jill Jeune	534 Petrol Rd
Elgie Lejeune Jr	534 Petrol Rd
James Skiba	540 Petrol Rd
Frank Secrist	552 Petrol Rd
Pbm Web Design	608 PETROL RD
Michael Scott	608 Petrol Rd
Rose Scott	608 Petrol Rd
Angela Arvizu	704 Petrol Rd
Tyack Construction	760 PETROL RD
Abateco Excavation	850 PETROL RD

2020

Elgie Lejeune Jr	534 Petrol Rd
Frank Secrist	552 Petrol Rd
Michael Scott	608 Petrol Rd
Pbm Web Design	608 PETROL RD
Angela Arvizu	704 Petrol Rd
Anthony Arvizu	704 Petrol Rd
Tyack Construction	760 PETROL RD
Abateco Excavation	850 PETROL RD

2015

Elgie Lejeune Jr	534 PETROL RD
Frank Secrist	552 PETROL RD
Judith Secrist	552 PETROL RD
Paula Scott	608 PETROL RD
Michael Scott	608 PETROL RD
Rose Scott	608 PETROL RD
Lester Rausin	735 PETROL RD
Leslie Poncette	735 PETROL RD
Tyack Construction	760 PETROL RD
Abateco Excavation	850 PETROL RD

2010

Jill Lejeune	534 PETROL RD
Frank Sechrist	552 PETROL RD
Judith Secrist	552 PETROL RD
Frank Secrist	552 PETROL RD
M Scott	608 PETROL RD
Angela Arvizu	704 PETROL RD
Irene Leyva	704 PETROL RD
Arvizu Tony	704 PETROL RD
Debbie Arvizu	704 PETROL RD
Tony Arvizu	704 PETROL RD
Lester Rausin	735 PETROL RD
Poncette Leslie	735 PETROL RD
C Tyack	748 PETROL RD
Karen Tyack	748 PETROL RD

PREMIUM CITY DIRECTORY REPORT

Abateco Inc	850 PETROL RD

2006

Elgie Jr Lejeune	534 Petrol Rd
Tony J Arvizu	704 Petrol Rd
Lester E Rausin	735 Petrol Rd
Abateco Inc	850 PETROL RD
Shell Pipeline Corp	1801 PETROL RD

2001

Eune Elgie Jr Le	534 Petrol Rd
Elgie Jr Lejeune	534 Petrol Rd
Frank L Secrist	552 Petrol Rd
Dawn Calderwood	680 Petrol Rd
Tony J Arvizu	704 Petrol Rd
Lester E Rausin	735 Petrol Rd

1998

Elgie Jr Lejeune	534 Petrol Rd
Tony J Arvizu	704 Petrol Rd
Lester E Rausin	735 Petrol Rd
Abateco Asbestos Removal & Transportation	850 Petrol Rd
Shell Pipe Line Corporation North District Office	1801 Petrol Rd

1993

H R Taylor	600 PETROL RD
Lester E Rausin	735 PETROL RD
Towery Air Conditioning	814 PETROL RD
Chancellor Electric Co	850 PETROL RD
Burtch Construction	900 PETROL RD
Atlas Wireline	900 PETROL RD
Shell Calif Production Inc	1801 PETROL RD

PREMIUM CITY DIRECTORY REPORT

SOURCE: Bakersfield City Directory
STREET: 500-1900 Petrol Rd
YEAR: 1983
INFO: Address Not Listed (500 - 1900)

SOURCE: Bakersfield City Directory
STREET: 500-1900 Petrol Rd
YEAR: 1978
INFO: Address Not Listed (500 - 1900)

SOURCE: Bakersfield City Directory
STREET: 500-1900 Petrol Rd
YEAR: 1973
INFO: Address Not Listed (500 - 1900)

SOURCE: Bakersfield City Directory
STREET: 500-1900 Petrol Rd
YEAR: 1968
INFO: Address Not Listed (500 - 1900)

SOURCE: Bakersfield City Directory
STREET: 500-1900 Petrol Rd
YEAR: 1964
INFO: Street Not Listed

SOURCE: Bakersfield City Directory
STREET: 500-1900 Petrol Rd
YEAR: 1961
INFO: Street Not Listed

PREMIUM CITY DIRECTORY REPORT

Subject Street Findings: 2000-7000 Airport Drive

2023

Debbie Buckner	2004 Airport Dr
Smithco Surveying Engineering	2005 AIRPORT DR
Donna Perkins	2008 Airport Dr
Carol Taylor	2008 Airport Dr
Connie Cowan	2016 Airport Dr
Fedex Ship Center	2103 AIRPORT DR
Si Senor Grill	2210 AIRPORT DR
Fabulous Burgers	3004 AIRPORT DR
Ken Small Construction Inc	5024 AIRPORT DR
Ks Industries	5026 AIRPORT DR

2020

Debbie Buckner	2004 Airport Dr
Smithco Surveying Engineering	2005 AIRPORT DR
Donna Perkins	2008 Airport Dr
Carol Taylor	2008 Airport Dr
Connie Cowan	2016 Airport Dr
Bakersfield Aviation Svc	2101 AIRPORT DR
Fedex Ship Center	2103 AIRPORT DR
Si Senor Grill	2210 AIRPORT DR
Fabulous Burgers	3004 AIRPORT DR
Ken Small Construction Inc	5024 AIRPORT DR
Ks Industries	5026 AIRPORT DR

2015

Helen Morgan	2000 AIRPORT DR
Smithco Surveying Engineering	2005 AIRPORT DR
Donna Perkins	2008 AIRPORT DR
Gary Perkins	2008 AIRPORT DR
John Bueno	2012 AIRPORT DR
David Cowan	2016 AIRPORT DR
Connie Cowan	2016 AIRPORT DR
Bakersfield Aviation Svc	2101 AIRPORT DR
Fedex Ship Ctr	2103 AIRPORT DR
Si Senor Grill	2210 AIRPORT DR
Fabulous Burgers	3004 AIRPORT DR
Southern Sierra Gen Engrg Inc	4730 AIRPORT DR
Ken Small Construction Inc	5024 AIRPORT DR

2010

Debra Buckner	2004 AIRPORT DR
Smithco Surveying Engineering	2005 AIRPORT DR
Chandra Chitwood	2012 AIRPORT DR
James Cowan	2016 AIRPORT DR
Connie Cowan	2016 AIRPORT DR
Fedex Express Ship Ctr	2103 AIRPORT DR
Si Senor Grill	2210 AIRPORT DR
Southern Sierra Gen Engrg Inc	4730 AIRPORT DR

Southern Sierra Gen Engrg Inc	4760 AIRPORT DR

2006

Smithco Surveying Engineering	2005 AIRPORT DR
Glenn A Randolph	2008 Airport Dr
Kenneth D Cheney	2012 Airport Dr
Si Senor Grill	2210 AIRPORT DR

2001

Glenn A Randolph	2008 Airport Dr

1998

C & H Engineering	2005 Airport Dr
C & H Technical	2005 Airport Dr
Smith & Company Surveying Services Inc	2005 Airport Dr
Glenn A Randolph	2008 Airport Dr
Kenneth D Cheney	2012 Airport Dr
Superior Tank Co Inc	4760 Airport Dr
Small Ken Construction Inc	5024 Airport Dr
Ken Small Construction Inc	5024 Airport Dr

1993

Hal J Morgan	2000 AIRPORT DR
Oilfield Surveying Inc	2005 AIRPORT DR
Glenn A Randolph	2008 AIRPORT DR
Kenneth D Cheney	2012 AIRPORT DR
Federal Express Corp	2103 AIRPORT DR
Frank Orloff	2199 AIRPORT DR
Small Oilfield Service Ken	5024 AIRPORT DR

2000 Morgan Jean 399-1029
2004 Hoefar Jesse F ◎ 399-9010
2008 Randolph Glenn A ◎ 399-0064
2012 Cheney Kenneth D ◎ 399-3123
2015 Vacant

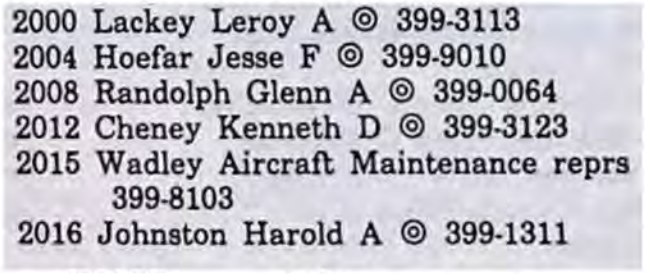
IMAGE: 1 of 2
SOURCE: Bakersfield City Directory
STREET: 2000-7000 Airport Drive
YEAR: 1983
INFO:

2016 Johnston Harold ◎
2101 Bakersfield Aviation 399-6191
2103 Del Cor International Ltd equipment leasing 399-1987
Ranger Aviation Services ultra light manufacture 399-1987
Air Center International 399-4481
2199 Cal-Western Aero Serv helicopter repair serv 399-4369

IMAGE: 2 of 2
SOURCE: Bakersfield City Directory
STREET: 2000-7000 Airport Drive
YEAR: 1983
INFO:

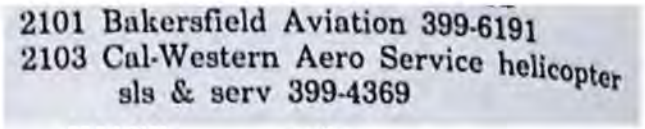
2000 Morgan H J 399-1029
2004 Hoefar Jesse F ◎ 399-6141
2008 Randolph Glenn A 399-0064
2012 Cheney Kenneth D ◎ 399-3123
2015 Wadley Aircraft Maintenance reprs 399-8103
2016 Vacant
WINGLAND DR INTERSECTS
2101 Bakersfield Aviation 399-6191

IMAGE: 1 of 1
SOURCE: Bakersfield City Directory
STREET: 2000-7000 Airport Drive
YEAR: 1978
INFO:



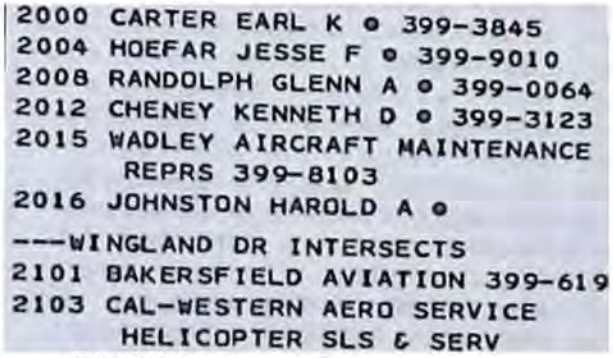
2000 Lackey Leroy A ◎ 399-3113
2004 Hoefar Jesse F ◎ 399-9010
2008 Randolph Glenn A ◎ 399-0064
2012 Cheney Kenneth D ◎ 399-3123
2015 Wadley Aircraft Maintenance reprs 399-8103
2016 Johnston Harold A ◎ 399-1311

IMAGE: 1 of 2
SOURCE: Bakersfield City Directory
STREET: 2000-7000 Airport Drive
YEAR: 1973
INFO:



2101 Bakersfield Aviation 399-6191
2103 Cal-Western Aero Service helicopter sls & serv 399-4369

IMAGE: 2 of 2
SOURCE: Bakersfield City Directory
STREET: 2000-7000 Airport Drive
YEAR: 1973
INFO:



2000 CARTER EARL K ◎ 399-3845
2004 HOEFAR JESSE F ◎ 399-9010
2008 RANDOLPH GLENN A ◎ 399-0064
2012 CHENEY KENNETH D ◎ 399-3123
2015 WADLEY AIRCRAFT MAINTENANCE REPRS 399-8103
2016 JOHNSTON HAROLD A ◎
---WINGLAND DR INTERSECTS
2101 BAKERSFIELD AVIATION 399-619
2103 CAL-WESTERN AERO SERVICE HELICOPTER SLS & SERV

IMAGE: 1 of 1
SOURCE: Bakersfield City Directory
STREET: 2000-7000 Airport Drive
YEAR: 1968
INFO:

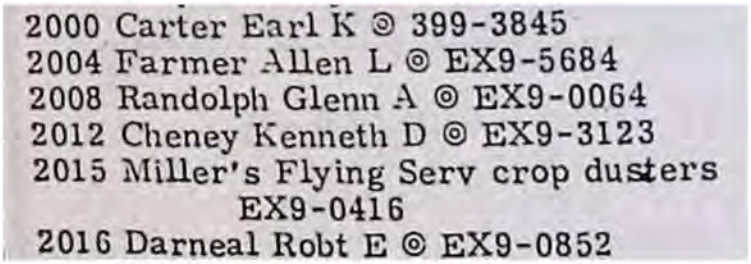

2000 Carter Earl K ◎ 399-3845
2004 Farmer Allen L ◎ EX9-5684
2008 Randolph Glenn A ◎ EX9-0064
2012 Cheney Kenneth D ◎ EX9-3123
2015 Miller's Flying Serv crop dusters
EX9-0416
2016 Darneal Robt E ◎ EX9-0852

IMAGE: 1 of 2
SOURCE: Bakersfield City Directory
STREET: 2000-7000 Airport Drive
YEAR: 1964
INFO:

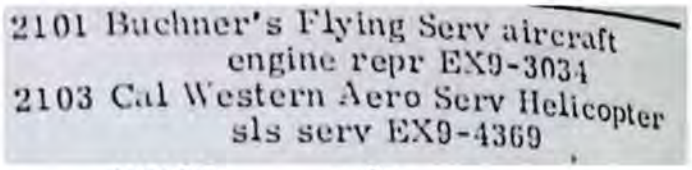

2101 Buchner's Flying Serv aircraft
engine repr EX9-3034
2103 Cal Western Aero Serv Helicopter
sls serv EX9-4369

IMAGE: 2 of 2
SOURCE: Bakersfield City Directory
STREET: 2000-7000 Airport Drive
YEAR: 1964
INFO:

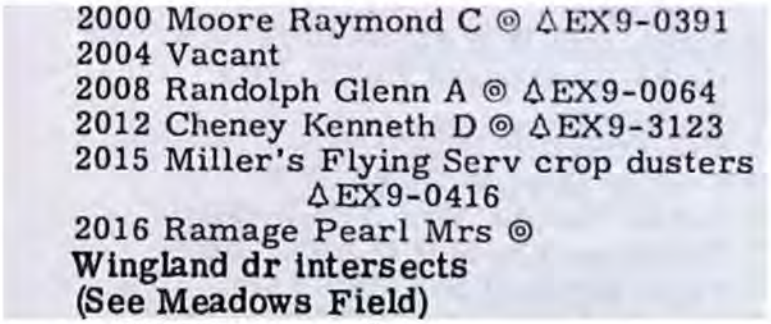

2000 Moore Raymond C ◎ ΔEX9-0391
2004 Vacant
2008 Randolph Glenn A ◎ ΔEX9-0064
2012 Cheney Kenneth D ◎ ΔEX9-3123
2015 Miller's Flying Serv crop dusters
ΔEX9-0416
2016 Ramage Pearl Mrs ◎
Wingland dr intersects
(See Meadows Field)

IMAGE: 1 of 1
SOURCE: Bakersfield City Directory
STREET: 2000-7000 Airport Drive
YEAR: 1961
INFO:

PREMIUM CITY DIRECTORY REPORT

Subject Street Findings: Landings Way

2023
No Results

2020
No Results

2015
No Results

2010
No Results

2006
No Results

2001
No Results

1998
No Results

1993
No Results

PREMIUM CITY DIRECTORY REPORT

SOURCE: Bakersfield City Directory
STREET: Landings Way
YEAR: 1983
INFO: Street Not Listed

SOURCE: Bakersfield City Directory
STREET: Landings Way
YEAR: 1978
INFO: Street Not Listed

SOURCE: Bakersfield City Directory
STREET: Landings Way
YEAR: 1973
INFO: Street Not Listed

SOURCE: Bakersfield City Directory
STREET: Landings Way
YEAR: 1968
INFO: Street Not Listed

SOURCE: Bakersfield City Directory
STREET: Landings Way
YEAR: 1964
INFO: Street Not Listed

SOURCE: Bakersfield City Directory
STREET: Landings Way
YEAR: 1961
INFO: Street Not Listed

Fire Insurance Maps No Coverage Statement

Site Location
Airport Commerce Center
1211 Petrol Rd
Bakersfield, CA

Requested by
Envirosite Corporation
56 Broome Corporate Parkway
Conklin, NY

HIG Project #
2088913
Client Project #
105524
Date Created
02/13/2025

FIM+ Maps

The HIG Historical Map Collection and the United States Library of Congress Map Collection were searched for fire insurance maps (FIMs), real estate atlases and similar maps for the site location and adjoining properties. No FIMs or similar maps were identified for the site location and/or adjoining properties.

HIG Research Summary

Site Location
Airport Commerce Center
1211 Petrol Rd
Bakersfield, CA

Requested by
Envirosite Corporation
56 Broome Corporate Parkway
Conklin, NY

HIG Project #
2088913
Client Project #
105524
Date Created
02/13/2025

This Research Summary identifies the products and services provided by Historical Information Gatherers, Inc. (HIG) for the above referenced site location. All products are provided as PDFs unless otherwise noted.

FIM+ Maps

The HIG Historical Map Collection and the United States Library of Congress Map Collection were searched for fire insurance maps (FIMs), real estate atlases and similar maps for the site location and adjoining properties. No FIMs or similar maps were identified for the site location and/or adjoining properties.

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Historical Topographic Map Report | 2025

Order Number: 105524

Report Generated: 02/13/2025

Project Name: Airport Commerce Center

Project Number: 5901.0001

Airport Commerce Center
1211 Petrol Rd
Bakersfield, CA 93308

Contact us at:
(866) 211-2028
envirositecorp.com

Envirosite's Historical Topographic Map Report is designed to assist in evaluating a subject property resulting from past activities. Envirosite's Historical Topographic Map Report includes a search of USGS historical topographic maps, dating back to the early 1900s.

TOPOGRAPHIC MAPS FOUND:

	Map Name:	Year:	Revision Year:	Scale:
1.	Bakersfield	1906	N/R	1 : 62500
2.	Oildale	1930	N/R	1 : 31680
3.	Oildale	1935	N/R	1 : 31680
4.	Bakersfield West	1942	N/R	1 : 62500
5.	Oildale	1954	N/R	1 : 24000
6.	Oildale	1954	1968	1 : 24000
7.	Oildale	1978	N/R	1 : 24000
8.	Oildale	2012	N/R	1 : 24000
9.	Oildale	2015	N/R	1 : 24000
10.	Oildale	2022	N/R	1 : 24000

The USGS 7.5 minute series includes scales 1:24,000 / 1:25,000 / 1:31,680. The USGS 15 minute series includes scales 1:48,000 / 1:62,500 / 1:63,360. The USGS 30x60 minute series scale is 1:100,000.

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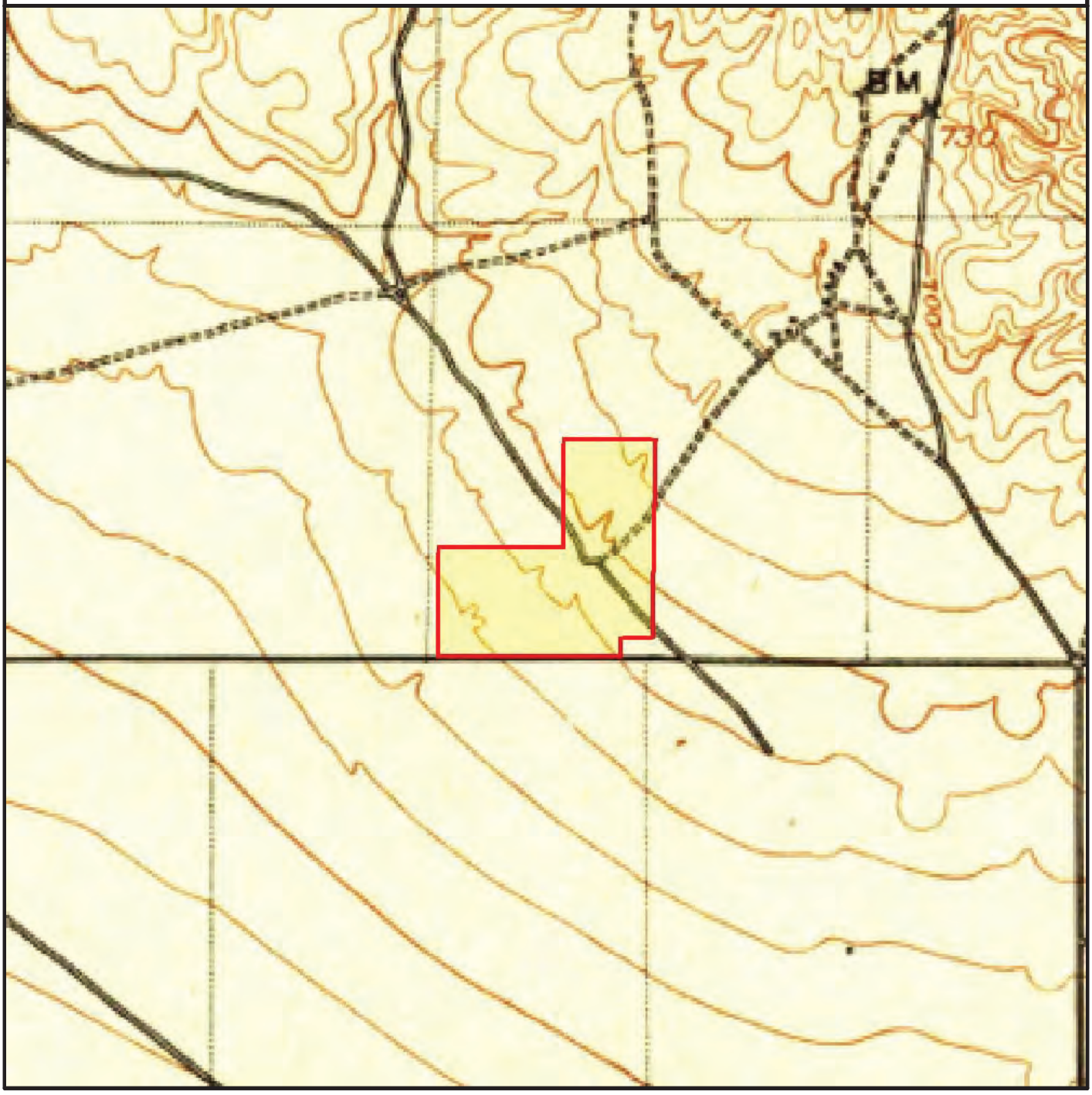
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SUBJECT NAME: Airport Commerce Center
ADDRESS: 1211 Petrol Rd, Bakersfield, CA, 93308
LAT/LONG: 35.444251 / -119.042525

PREPARED FOR: Cameron-Cole - Alameda
ORDER #: 105524
REPORT DATE: 02/13/2025

SUBJECT QUAD:

MAP NAME:	Bakersfield	MAP YEAR:	1906	REVISION YEAR:	N/R
SCALE:	1 : 62500	Part	1		

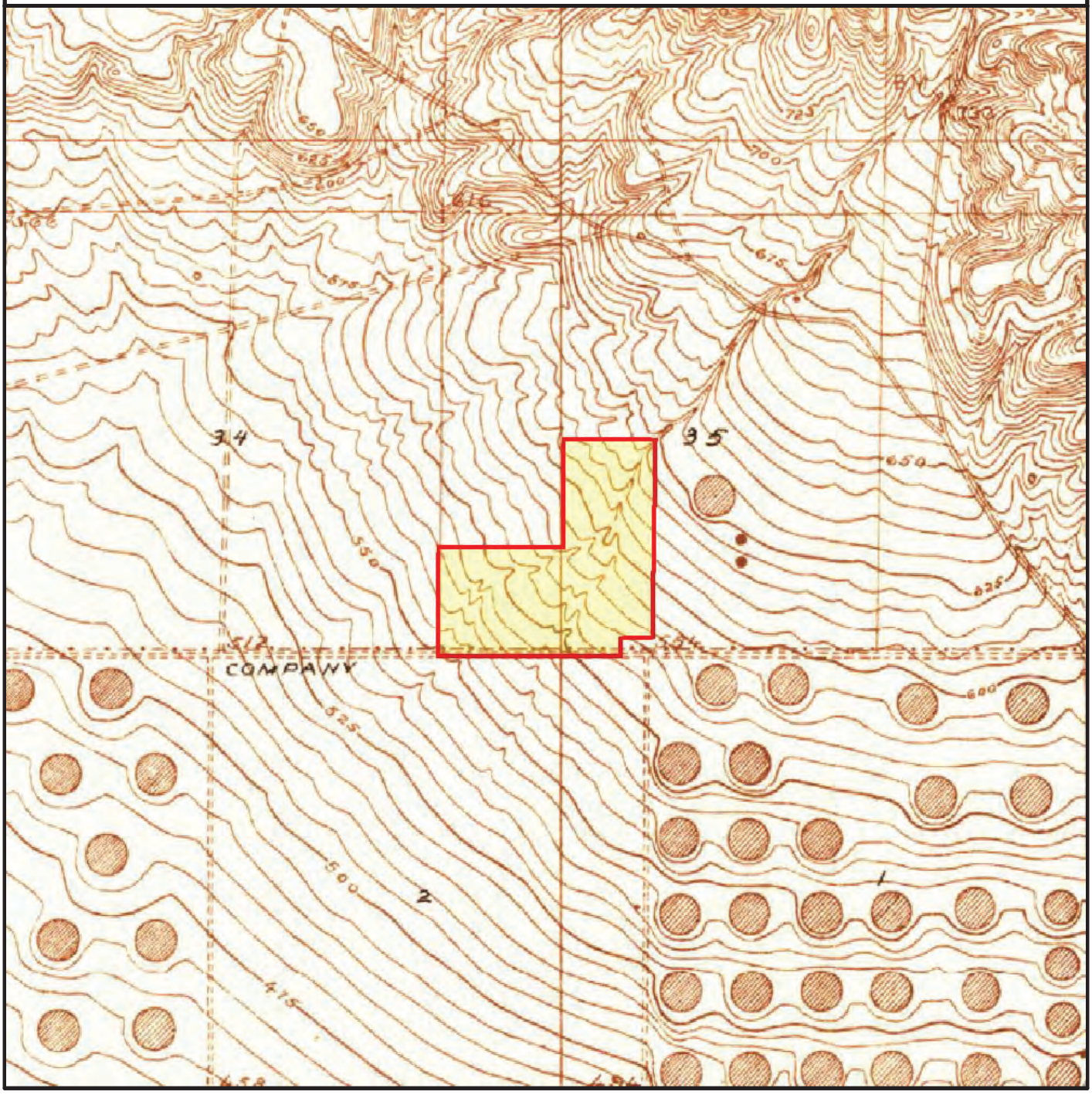


SUBJECT NAME: Airport Commerce Center
ADDRESS: 1211 Petrol Rd, Bakersfield, CA, 93308
LAT/LONG: 35.444251 / -119.042525

PREPARED FOR: Cameron-Cole - Alameda
ORDER #: 105524
REPORT DATE: 02/13/2025

SUBJECT QUAD:

MAP NAME:	Oildale	MAP YEAR:	1930	REVISION YEAR:	N/R
SCALE:	1 : 31680	Part	1		

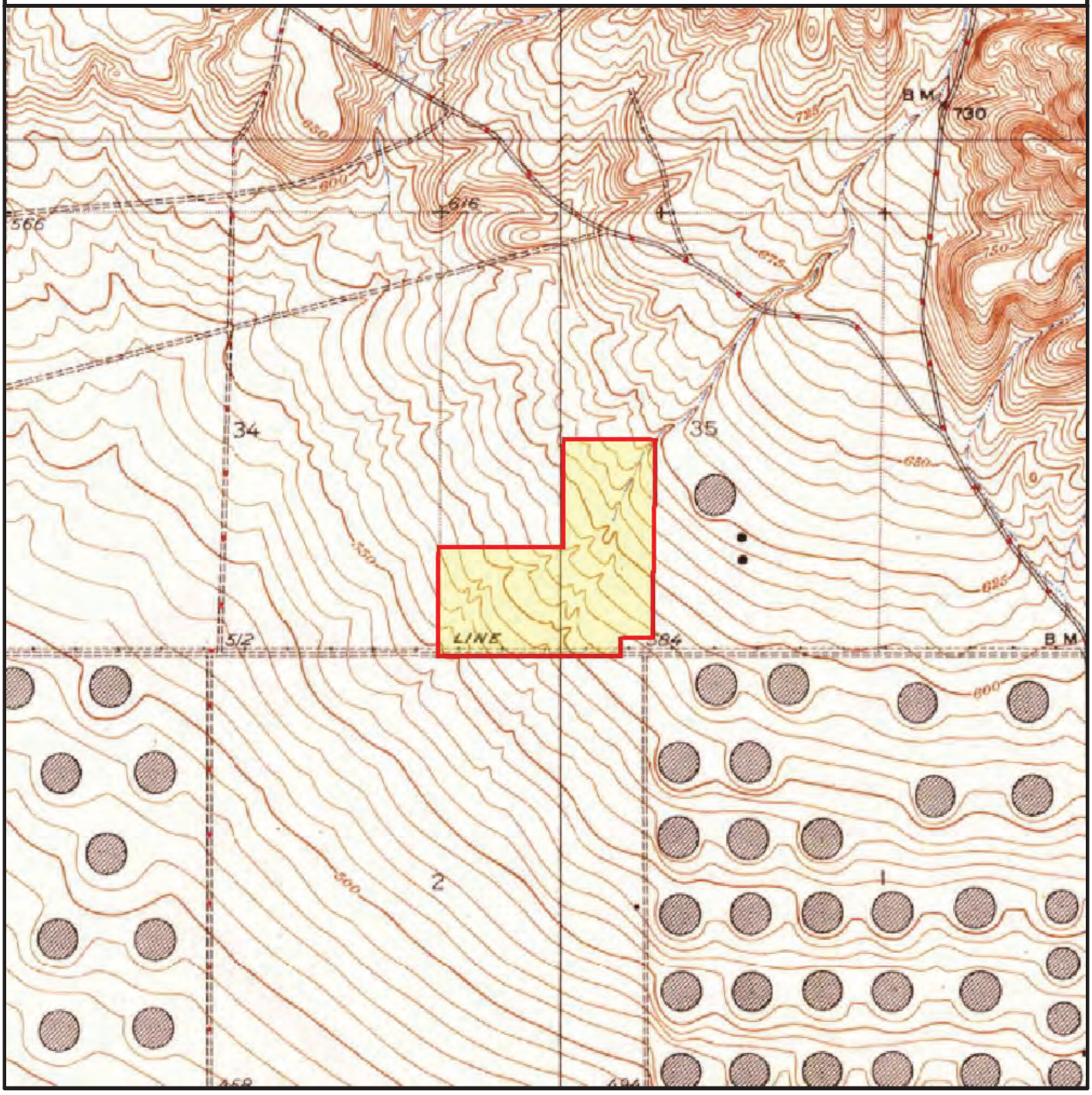


SUBJECT NAME: Airport Commerce Center
ADDRESS: 1211 Petrol Rd, Bakersfield, CA, 93308
LAT/LONG: 35.444251 / -119.042525

PREPARED FOR: Cameron-Cole - Alameda
ORDER #: 105524
REPORT DATE: 02/13/2025

SUBJECT QUAD:

MAP NAME:	Oildale	MAP YEAR:	1935	REVISION YEAR:	N/R
SCALE:	1 : 31680	Part	1		

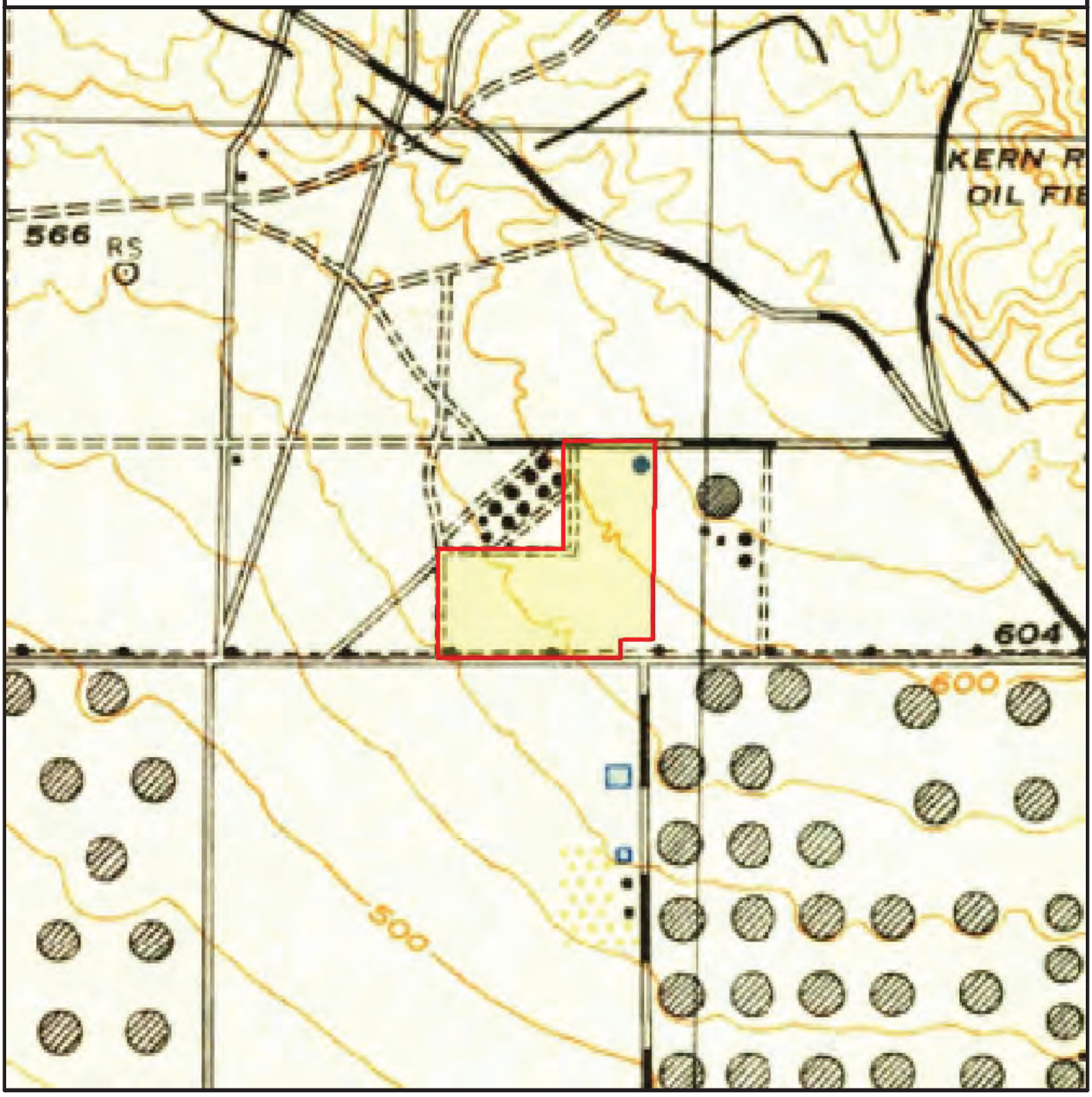


SUBJECT NAME: Airport Commerce Center
ADDRESS: 1211 Petrol Rd, Bakersfield, CA, 93308
LAT/LONG: 35.444251 / -119.042525

PREPARED FOR: Cameron-Cole - Alameda
ORDER #: 105524
REPORT DATE: 02/13/2025

SUBJECT QUAD:

MAP NAME:	Bakersfield West	MAP YEAR:	1942	REVISION YEAR:	N/R
SCALE:	1 : 62500	Part	1		

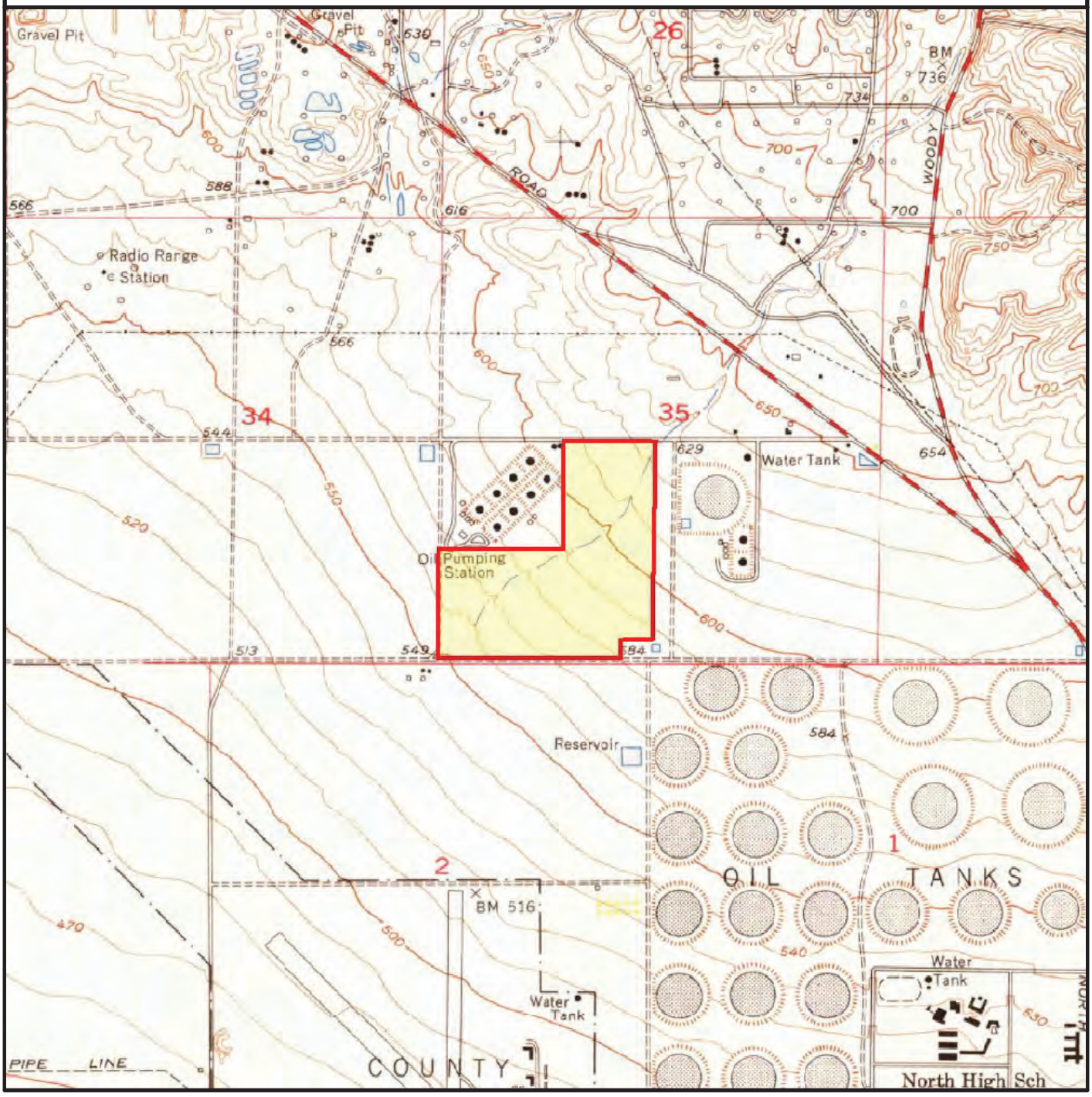


SUBJECT NAME: Airport Commerce Center
ADDRESS: 1211 Petrol Rd, Bakersfield, CA, 93308
LAT/LONG: 35.444251 / -119.042525

PREPARED FOR: Cameron-Cole - Alameda
ORDER #: 105524
REPORT DATE: 02/13/2025

SUBJECT QUAD:

MAP NAME:	Oildale	MAP YEAR:	1954	REVISION YEAR:	N/R
SCALE:	1 : 24000	Part	1		

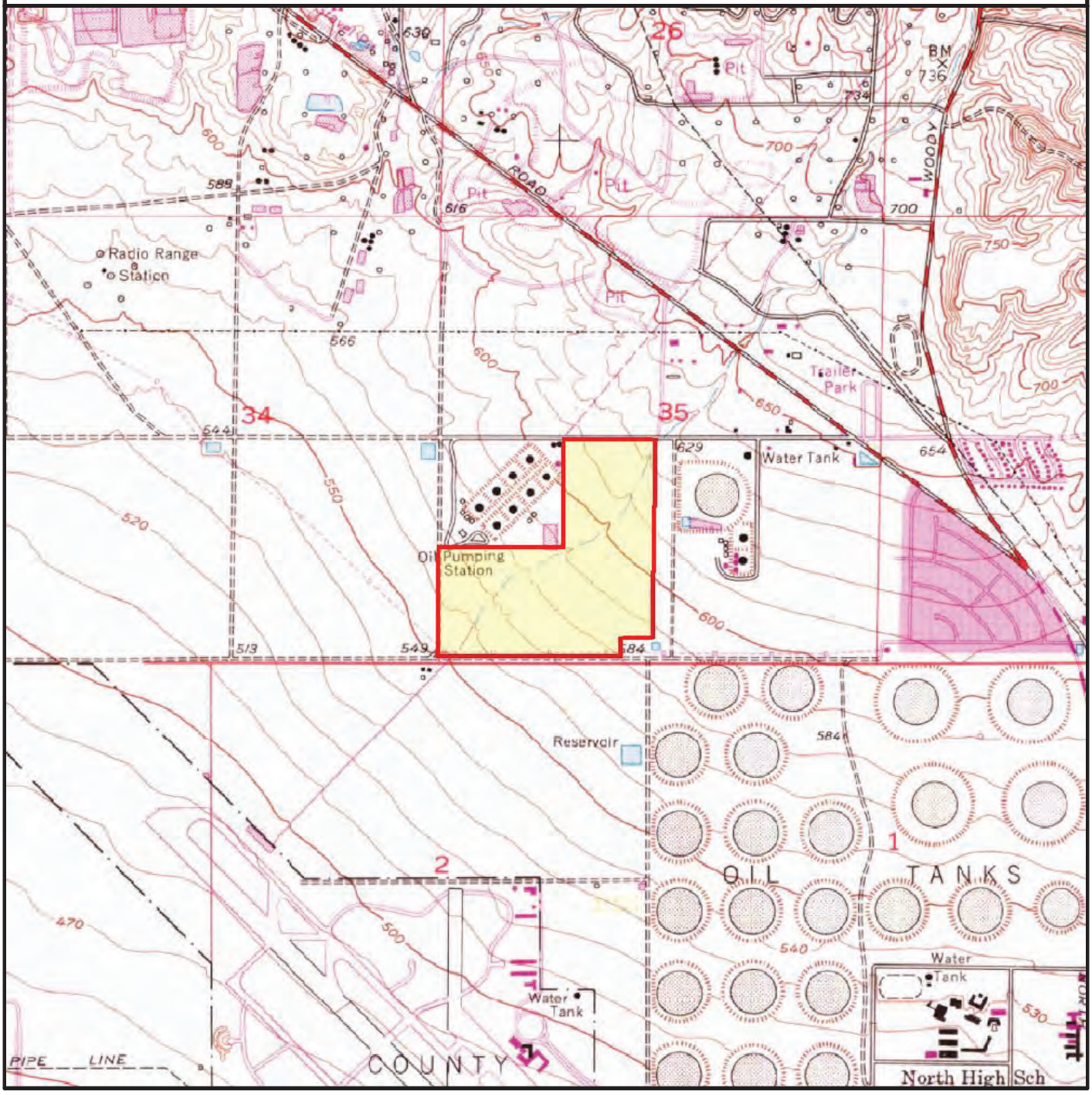


SUBJECT NAME: Airport Commerce Center
ADDRESS: 1211 Petrol Rd, Bakersfield, CA, 93308
LAT/LONG: 35.444251 / -119.042525

PREPARED FOR: Cameron-Cole - Alameda
ORDER #: 105524
REPORT DATE: 02/13/2025

SUBJECT QUAD:

MAP NAME:	Oildale	MAP YEAR:	1954	REVISION YEAR:	1968
SCALE:	1 : 24000	Part	1		

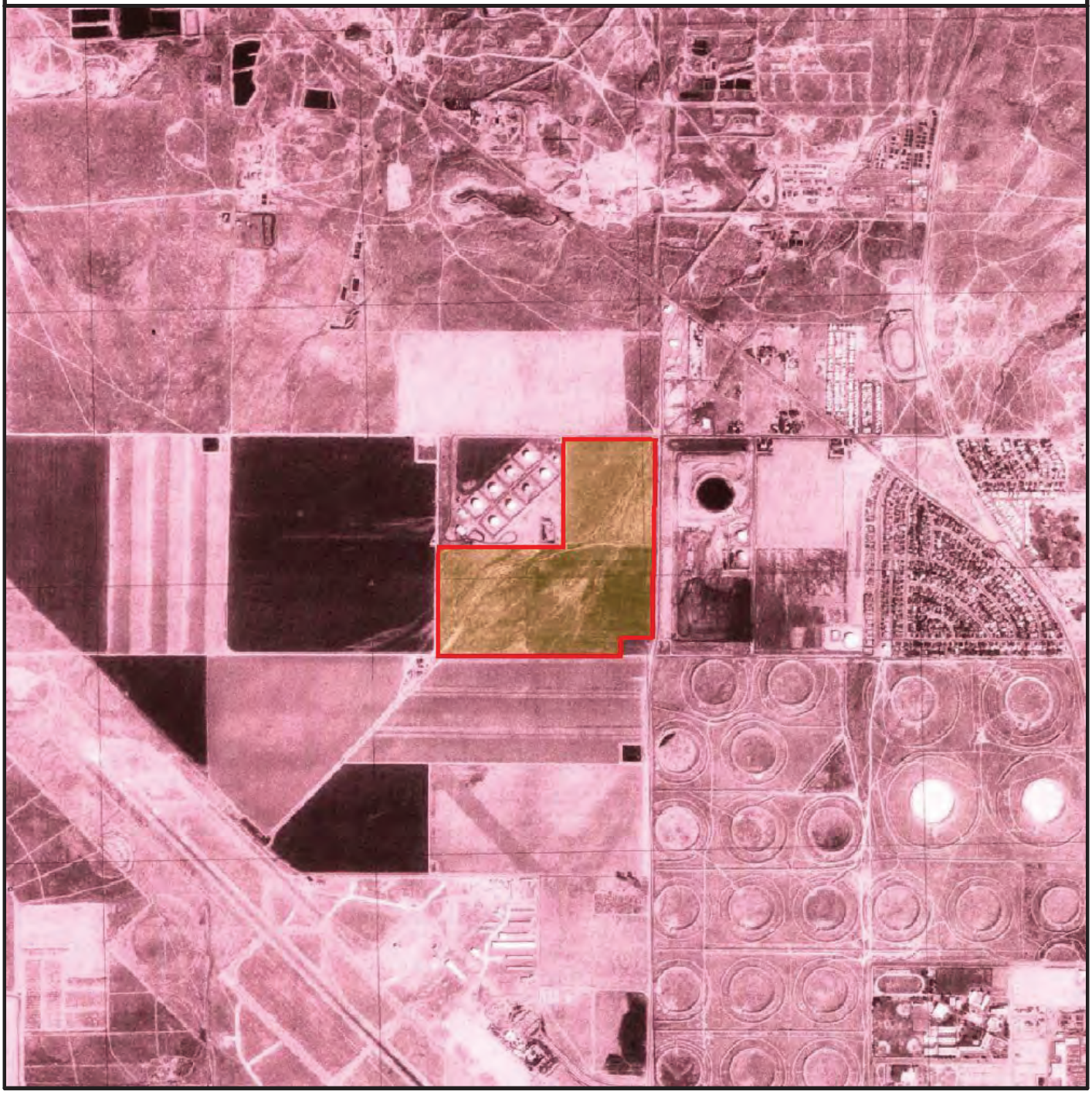


SUBJECT NAME: Airport Commerce Center
ADDRESS: 1211 Petrol Rd, Bakersfield, CA, 93308
LAT/LONG: 35.444251 / -119.042525

PREPARED FOR: Cameron-Cole - Alameda
ORDER #: 105524
REPORT DATE: 02/13/2025

SUBJECT QUAD:

MAP NAME:	Oildale	MAP YEAR:	1978	REVISION YEAR:	N/R
SCALE:	1 : 24000	Part	1		

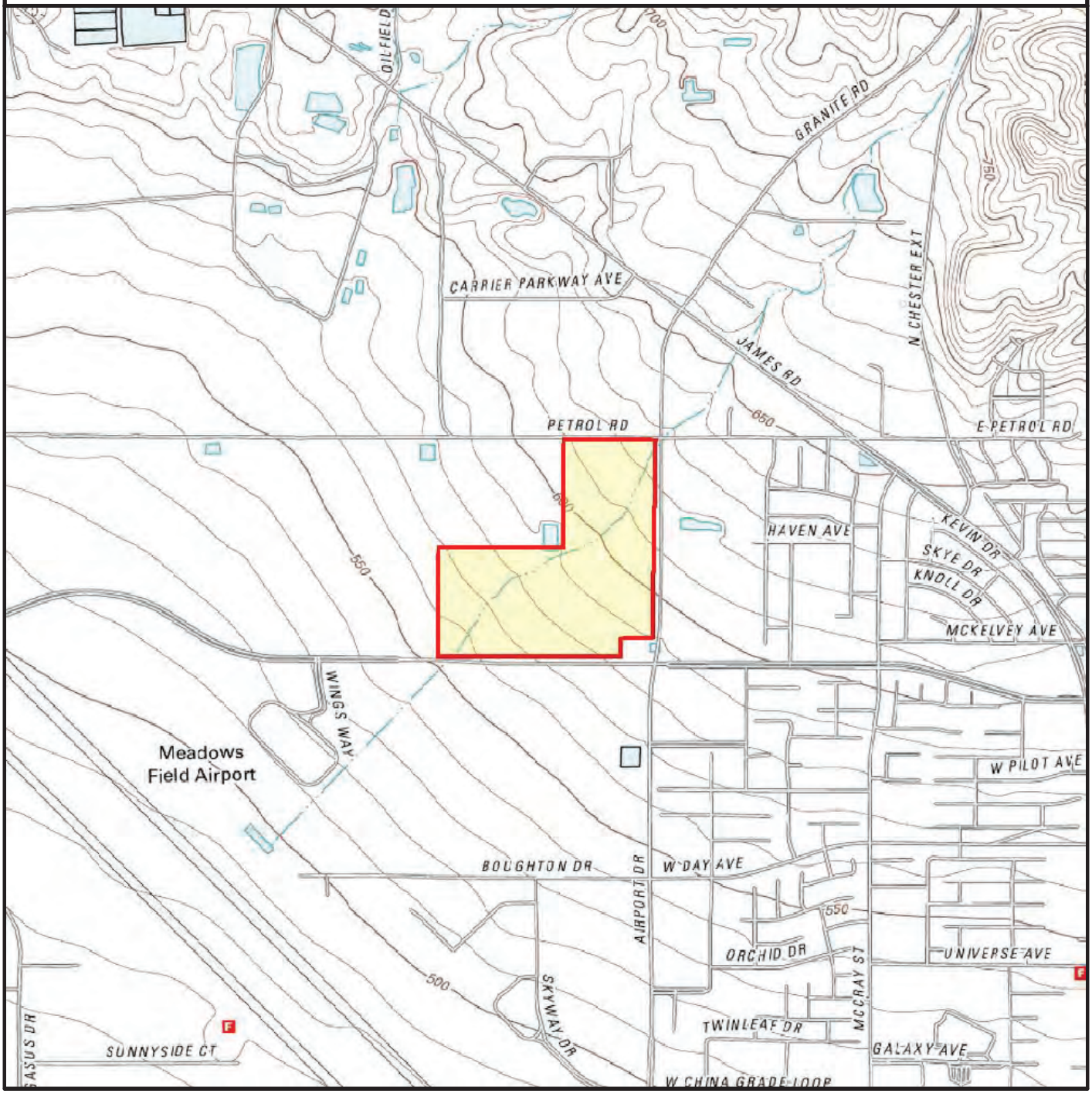


SUBJECT NAME: Airport Commerce Center
ADDRESS: 1211 Petrol Rd, Bakersfield, CA, 93308
LAT/LONG: 35.444251 / -119.042525

PREPARED FOR: Cameron-Cole - Alameda
ORDER #: 105524
REPORT DATE: 02/13/2025

SUBJECT QUAD:

MAP NAME:	Oildale	MAP YEAR:	2012	REVISION YEAR:	N/R
SCALE:	1 : 24000	Part	1		

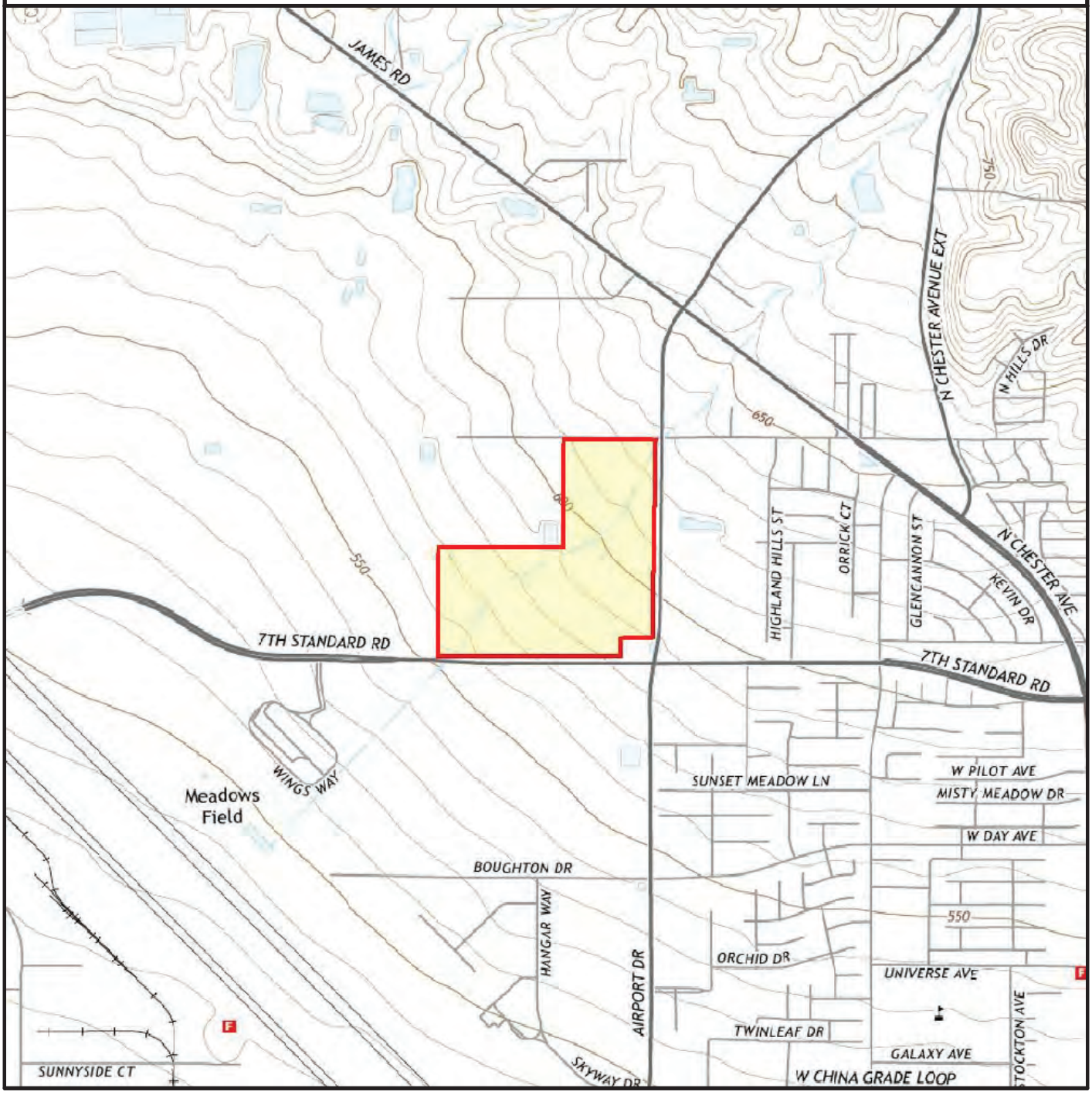


SUBJECT NAME: Airport Commerce Center
ADDRESS: 1211 Petrol Rd, Bakersfield, CA, 93308
LAT/LONG: 35.444251 / -119.042525

PREPARED FOR: Cameron-Cole - Alameda
ORDER #: 105524
REPORT DATE: 02/13/2025

SUBJECT QUAD:

MAP NAME:	Oildale	MAP YEAR:	2015	REVISION YEAR:	N/R
SCALE:	1 : 24000	Part	1		

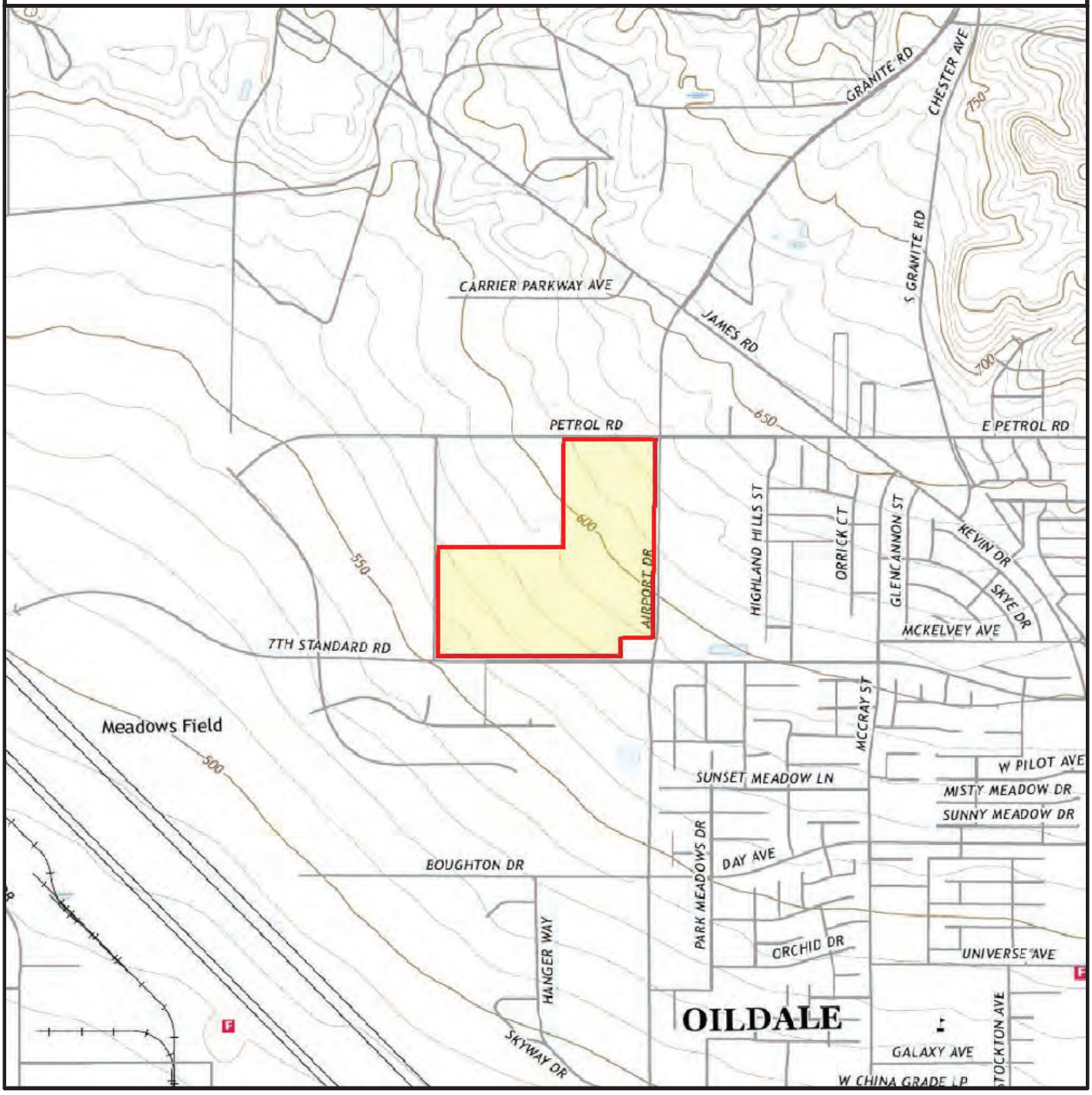


SUBJECT NAME: Airport Commerce Center
ADDRESS: 1211 Petrol Rd, Bakersfield, CA, 93308
LAT/LONG: 35.444251 / -119.042525

PREPARED FOR: Cameron-Cole - Alameda
ORDER #: 105524
REPORT DATE: 02/13/2025

SUBJECT QUAD:

MAP NAME:	Oildale	MAP YEAR:	2022	REVISION YEAR:	N/R
SCALE:	1 : 24000	Part	1		



Appendix E:
Interview Documentation

Department of Toxic Substances Control

Yana Garcia
Secretary for
Environmental Protection

Katherine M. Butler, MPH, Director
700 Heinz Avenue
Berkeley, California 94710-2721
https://dtsc.ca.gov/

Gavin Newsom
Governor

February 21, 2025

Ryan Barry
rbarry@cameron-cole.com
510-777-1857

Public Records Request Number: PR2-021425-06

Locations: Intersection of Petrol Rd. and Airport Rd., Bakersfield, CA; APN: 483-040-32; -040-33; -040-42; -040-43; -040-45; -040-46

Dear Mr. Barry:

The Department of Toxic Substances Control (DTSC) received your email of February 14th, 2025, requesting records under the Public Records Act. After a thorough review of our files, no site records were found pertaining to the sites/facilities referenced above.

DTSC's Hazardous Waste Tracking System (HWTS) may have records that pertain to this request. This unit tracks toxic waste generators, transporters (manifests), and disposal facilities. If you are interested in this type of information, it can be identified by accessing the HWTS database at http://hwts.dtsc.ca.gov. If you are interested in retrieving detailed reports, additional charges may apply. Please contact the HWTS unit

by email at HWTSadmn@dtsc.ca.gov or by phone at (800) 618-6942 for further information. For copies of manifests, please send an email to mcr@dtsc.ca.gov.

Many of our records are available on EnviroStor, an online database that provides non-confidential, public access to DTSCs data management system. It tracks our cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known or suspected contamination issues. EnviroStor is available 24/7, 365 days a year. The data reflects the latest updates as they are entered in the system. Access it from your computer or smartphone, the local library – anywhere Internet access is available. Just go to www.envirostor.dtsc.ca.gov. You'll find a step-by-step tour of EnviroStor under the "How to Use EnviroStor" menu on the website.

If you have any questions or would like further information regarding your request, please contact me at 510-540-2591 or via email at Berkeleyfileroom@dtsc.ca.gov.

Sincerely,

Carl Rose

Carl Rose
Regional Records Coordinator
DTSC Berkeley Regional Office

Outlook

Kern County Sheriff's Office Records Request Confirmation RR-2025-137

From JustFOIA Notification <KernCountySheriffCA@request.justfoia.com>
Date Fri 2/14/2025 6:26 PM
To Ryan Barry <rbarry@cameron-cole.com>

Kern County Sheriff's

SHERIFF'S OFFICE - COUNTY OF KERN
DONNY YOUNGBLOOD
Sheriff-Coroner Public Administrator
Support Services Building
34970 McMurtrey Avenue, 2nd Floor - Civil Litigation
Bakersfield, CA 93308

Headquarters: 1350 Norris Road, Bakersfield, CA 93308-2231

==========

Dear Requestor,

Thank you for submitting a request for records on Friday, February 14, 2025.
Your request reference number is Request Number: RR-2025-137 and your security key is 1503C535. Please have your reference number available when communicating with our staff regarding your request. Public Records requests are considered received "...during the office hours of a state or local agency...". (Gov. Code section 7922.525(a).) The Kern County Sheriff's Office will respond to your request within 10 days of receipt. (Gov. Code section 7922.535(a).)

Thank you,

Kern County Sheriff's Office - Support Services

34970 McMurtrey Avenue, 2nd Floor
Bakersfield, CA 93308
(661) 391-1601
walshm@kernsheriff.org

Dates

Due

March 1, 2025

Received

February 19, 2025 via web

Requester

RYAN C. BARRY

Staff assigned

Departments

Public Health

Point of contact

Kristian Besnard

Request

Any record pertaining to the environmental condition at the property at Kern County APNs 483-040-32, 483-040-33, 483-040-42, 483-040-43, 483-040-45, 483-040-46. Located near the intersection of Petrol Road and Airport Road. Respondent documents including but not limited to hazardous substances storage or tank registration, records of cleanups, spills, leaks, or release of hazardous substances or petroleum products.

Timeline Documents

Request published — Anyone with access to this request

February 19, 2025, 3:31pm by Staff

Request closed — Anyone with access to this request

No Records were found for this request.

February 19, 2025, 3:31pm by Staff

Department assignment — Anyone with access to this request

Public Health

February 19, 2025, 9:41am by Staff

Request opened — Anyone with access to this request

Request received via web

February 19, 2025, 9:41am by Staff

Appendix F:
Professional Qualifications

Qualifications of Professionals

Ryan Barry, Environmental Scientist II

Ryan Barry has two years of professional experience in environmental field sampling, groundwater testing, water level contouring, and environmental due diligence. He has collected surface and subsurface soil samples, as well as groundwater samples from monitoring wells, and conducted well tests. Mr. Barry has prepared numerous Phase I ESAs under direct supervision of individuals meeting the definition of an environmental profession for various properties including but not limited to residential, industrial, commercial, and agricultural. Additionally, Mr. Barry is well versed in topographic mapping, and the use of geographic information systems (GIS) for the analysis of various environmental topics. He has assisted in analyzing data, developing presentations, and preparing draft reports with tables, charts, and graphs.

Education:
- Bachelor of Science, California Polytechnic University - Humboldt, Arcata, CA, 2021

Certification:
- 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) Training

Michael Stephenson, Principal Scientist

Michael Stephenson, MBA, ERM, has more than 28 years of project management, site assessment, and remediation experience gained from working on various projects, including large and complex industrial development, for both private and municipal clients. Mr. Stephenson's expertise includes risk management, environmental liability estimation, database management, and statistical data analysis. He has conducted human health and ecological risk assessments, Remedial Investigations/Feasibility Studies, soil, and groundwater characterizations; provided technical support for site closures; and managed several soil and groundwater remediation, monitoring, and investigation for projects involving human health and ecologically based risk analysis.

Education:
- Master of Business Administration, Saint Mary's College, CA. 2002.
- Bachelor of Arts, Environmental Studies, University of California, Santa Barbara, CA. 1994.

Certifications:
- Environmental Risk Manager, Environmental Risk Institute, 2007
- 40-hour HAZWOPER Training
- 8-hour HAZWOPER Refresher(s)
- 8-hour 29 CFR 1910.120 Supervisor Training, Department of Labor

Appendix I

Preliminary Flood Study

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PRELIMINARY FLOOD STUDY

FOR

Bayspring Commerce Industrial Project

Project # 23025.00
December 2023

Prepared for:

Bayspring Real Estate Partners
611 Gateway Blvd, Suite 120
South San Francisco, CA 94080
Contact: Matt Howell
(310) 413-6052

Prepared By:

Malik Masri, EIT

Checked By:

Blaine Neptune
R.C.E. 55102

McINTOSH & ASSOCIATES
NEW GEN ENGINEERING GROUP
10800 Stockdale Hwy, Suite 103
Bakersfield, CA 93311
(661) 834-4814

1.0 PURPOSE

This report was prepared to preliminarily analyze the existing flows that cross the project site located in Kern County (See Figures 1 & 2). The project proposes to utilize the existing land use and zoning (M-1 & M-2 PD H) for the development of multi-use parcels for warehouse and office commercial on 114.81 acres. The project is located on the north side of Merle Haggard Drive between Airport Drive and Landings Way, further described as all of parcels 4B and 6B of lot line adjustment No. 36-92 per certificate of compliance recorded July 28, 1993 in book 6883, page 1624 and Lots 2, 3 and 4 of lot line adjustment no. 56-18 recorded July 23, 2020 as document no. 220096889, both of official records, in the office of the Kern County Recorder, also being a portion of the southwest quarter of Section 35, Township 28 South, Range 27 East, M.D.M. The Assessor's Parcel Number (APN) for this proposed project is 483-040-32, 33, 42, 43, 45 & 46.

A mixture of existing land uses surrounds the project area. The majority of existing land use is designated by the Metropolitan Bakersfield General Plan as Service Industrial (SI), High Medium Residential (HMR), General Commercial (GC), and Office Commercial (OC).

In addition, the Federal Emergency Management Agency (FEMA) has established flood insurance risk zones throughout Kern County in accordance with the National Flood Insurance Program (NFIP) (see Figure 3). This property is located within a FEMA Special Flood Hazard Area (SFHA) and is designated as a 0.2% annual chance flood hazard. FEMA does not require flood insurance.

2.0 GUIDELINES

The Kern County Development Standards (or the Standards), Division Four "Standards for Drainage", establishes minimum requirements for addressing waters generated by storms to provide reasonable levels of protection for life and property, and the maintenance of necessary access to property or passage of the traveling public on public highways. In general, the mitigation measures for the protection of life and property and the maintenance of emergency vehicle access are based on the Capital Storm Design Discharge (CSDD). This is commonly referred to as the 100-year storm.

The Kern County Code of Building Regulations (or the Code), Chapter 17.48 "Floodplain Management", establishes minimum requirements for addressing flood hazards within Kern County. The primary purpose of this chapter is to promote the public health, safety, general welfare, and to minimize public and private losses due to flood conditions in Special Flood Hazard Areas (SFHA) as defined by the Federal Emergency Management Agency (FEMA). These SFHA's can be found in various engineering reports and maps such as the Flood Insurance Study (FIS), Kern County, California and the Flood Insurance Rate Maps (FIRM).

Based on FEMA's Flood Insurance Rate Maps, this project is located within Panel 06029C1825F (Figure 3). This map shows that the project limits are within a FEMA Flood Zone 'X'. By definition, a shaded Zone 'X' is the flood insurance risk zone that is subject to inundation by the 0.2% chance flood (also known as the 500-year flood) and is the flood that has a 0.2% chance of being equal to or exceeded in any given year.

3.0 MODELING APPROACH

This hydrograph with a peak flow of 1300 cfs was imported into a two-dimensional hydraulic modeling software called Flo-2d to determine the flow depths across the area studied. The pertinent steps for setting up the model are as follows:

1. Import the existing ground elevation data into Flo-2d and define the computational area.
2. Define a grid size and have the program average the elevation data within each grid element to assign an elevation to each tile. The grid size used for this model was 20-ft. x 20-ft.
3. Assign a Manning's Roughness Coefficient to each grid element. A coefficient of 0.04 was used for this model.
4. Import the 100-year rainfall event hydrograph into the model.
5. Run the program.
6. View results and create shapefiles of flow depths at each grid element.

4.0 CONCLUSION

The results of the Flo-2d model are shown in Figure 4. The maximum flow depth near the corner of proposed building 4 at most reaches 2.6 feet which is lower than the dock height of 4 feet. The water flows from the northeast to the southwest part of the property as is the flow for existing site conditions.

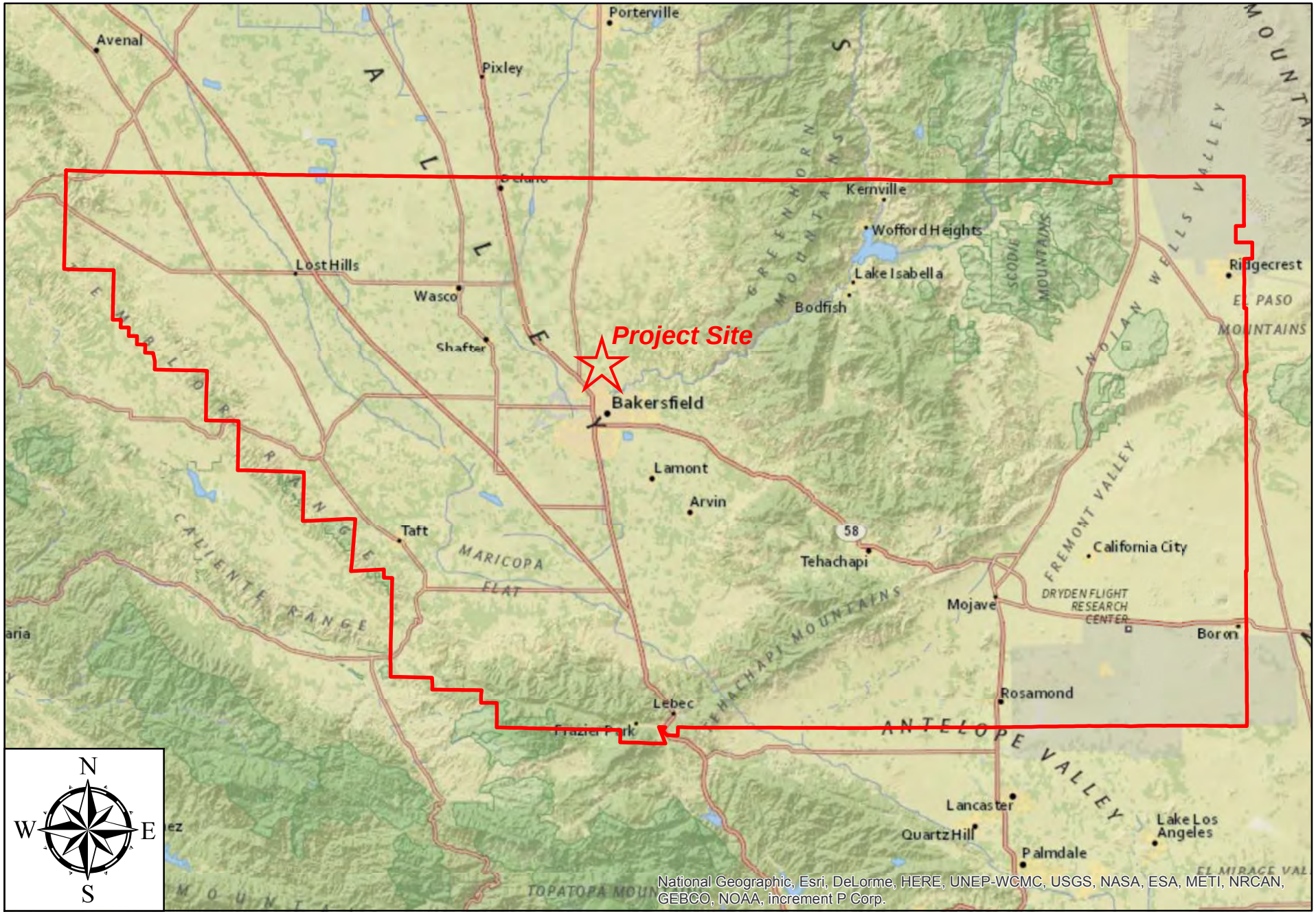


Figure 1: Regional Map

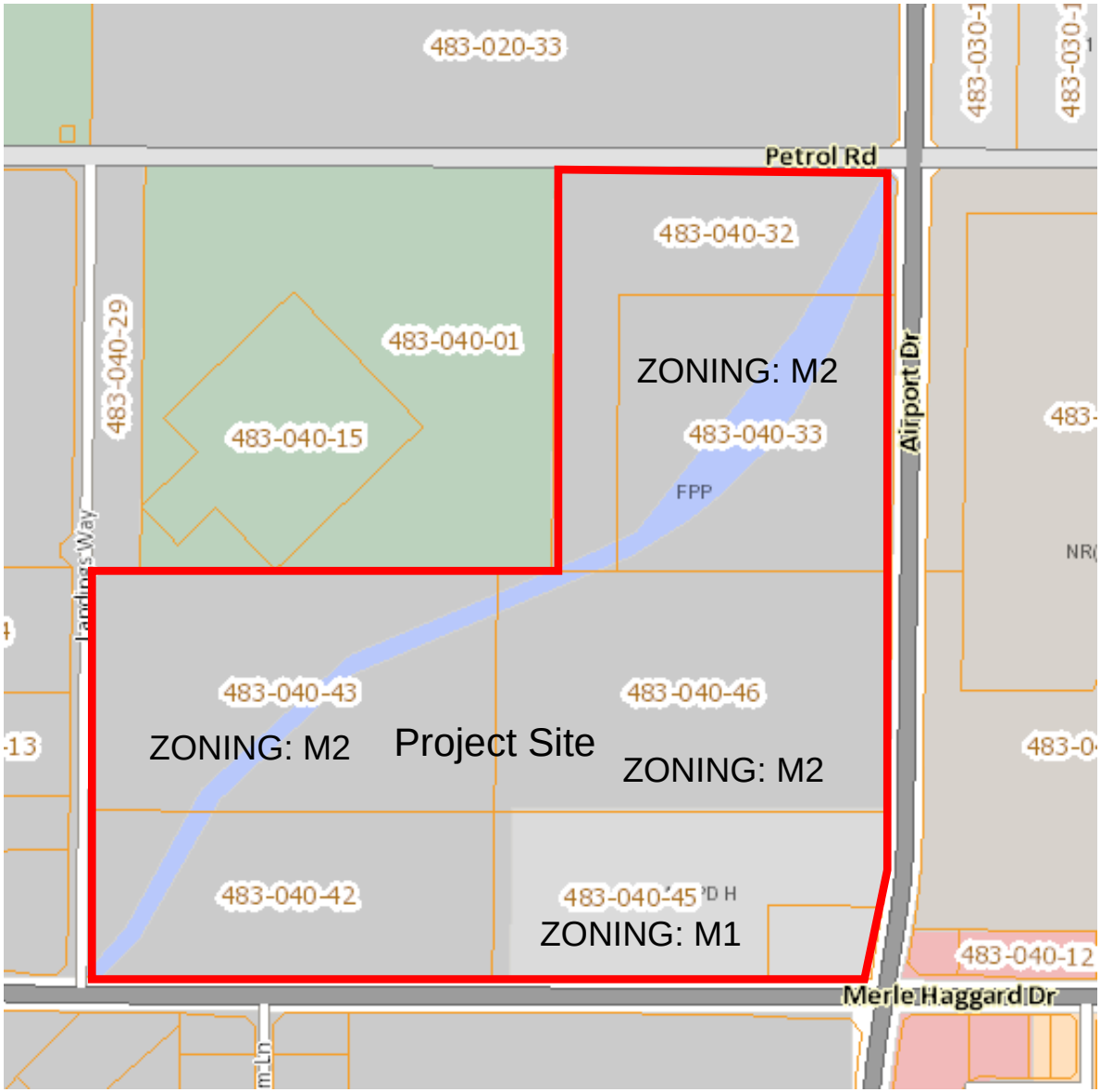


Figure 2: Project Site

National Flood Hazard Layer FIRMette (Figure 3) FEMA



Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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

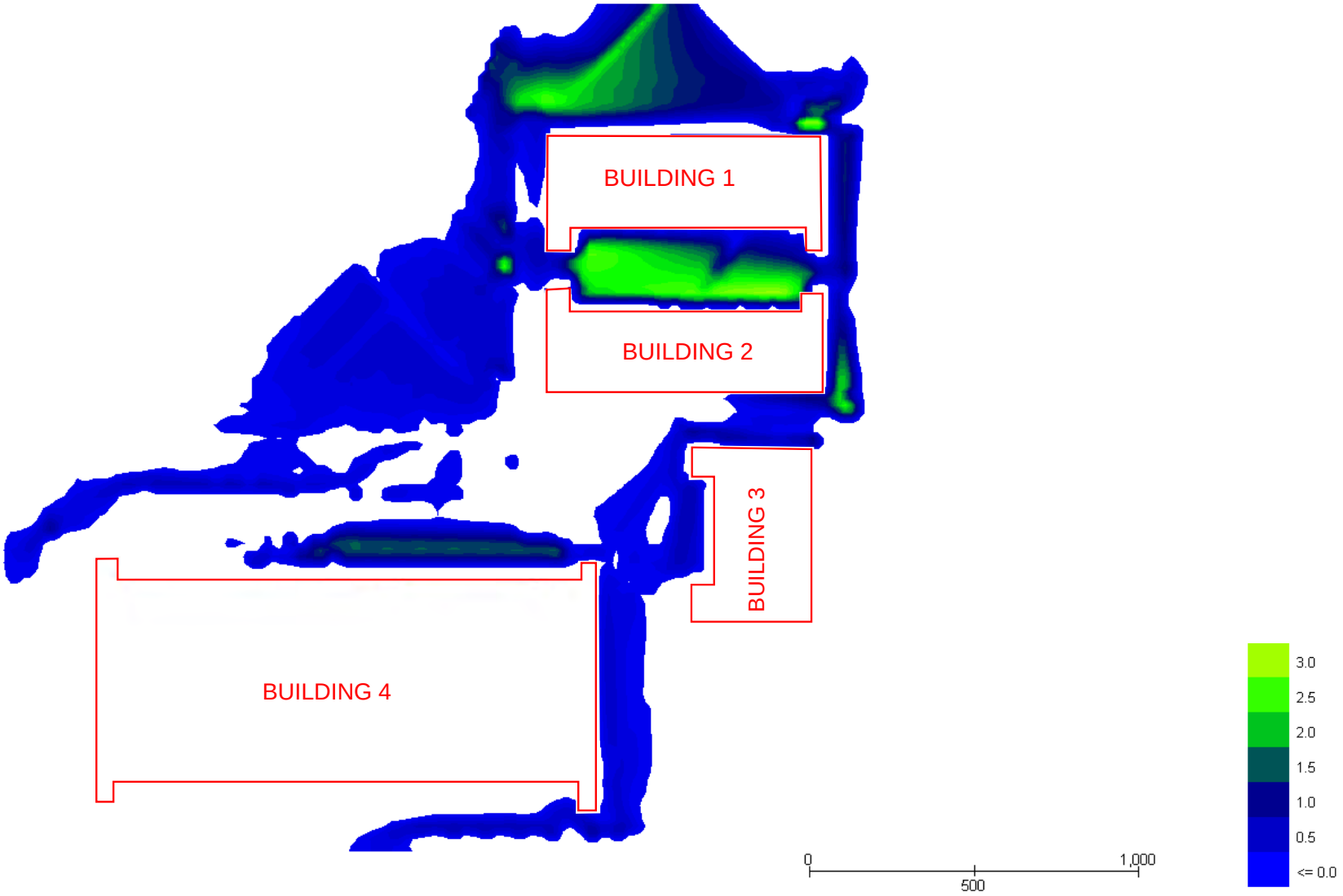
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/22/2023 at 2:17 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

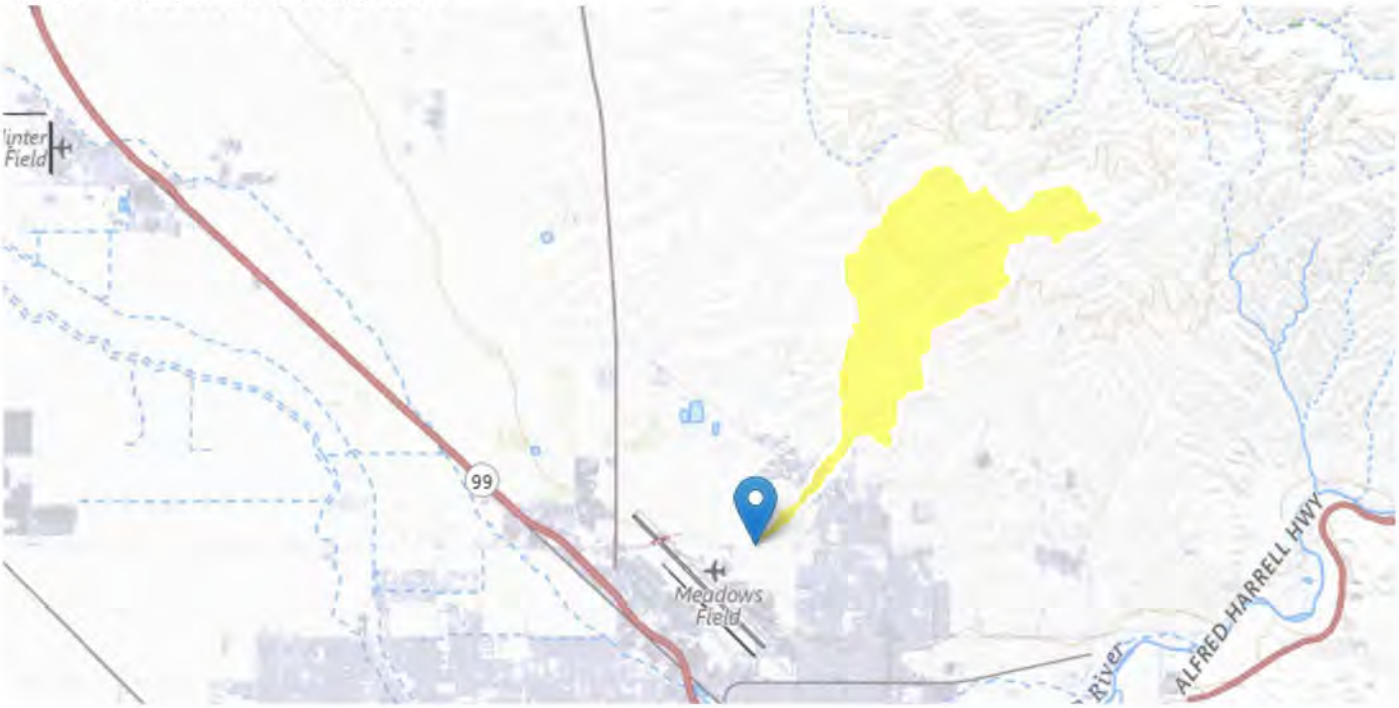
Grid Element Maximum Flow Depth

23025 - Bayspring - Receive/Discharge Exhibit



StreamStats Report - Bayspring Commerce Industrial Project

Region ID: CA
Workspace ID: CA20250422211102079000
Clicked Point (Latitude, Longitude): 35.44128, -119.04757
Time: 2025-04-22 14:11:43 -0700



Collapse All

Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	4.2	square miles
PRECIP	Mean Annual Precipitation	8.69	inches

Peak-Flow Statistics

Peak-Flow Statistics Parameters [2012 5113 Region 4 Central Coast]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	4.2	square miles	0.11	4600
PRECIP	Mean Annual Precipitation	8.69	inches	7	46

Peak-Flow Statistics Flow Report [2012 5113 Region 4 Central Coast]

PIL: Lower 90% Prediction Interval, PIU: Upper 90% Prediction Interval, ASEp: Average Standard Error of Prediction, SE: Standard Error, PC: Percent Correct, RMSE: Root Mean Squared Error, PseudoR^2: Pseudo R Squared (other -- see report)

Statistic	Value	Unit	PIL	PIU	ASEp
50-percent AEP flood	4.15	ft^3/s	0.565	30.5	162
20-percent AEP flood	23.7	ft^3/s	5.5	102	97
10-percent AEP flood	56.1	ft^3/s	15.7	201	79.4
4-percent AEP flood	129	ft^3/s	39.7	419	69.9
2-percent AEP flood	213	ft^3/s	68.4	663	66.2
1-percent AEP flood	315	ft^3/s	99.8	994	66.9
0.5-percent AEP flood	440	ft^3/s	137	1410	67.6
0.2-percent AEP flood	632	ft^3/s	184	2170	71.5

Peak-Flow Statistics Citations

Gotvald, A.J., Barth, N.A., Veilleux, A.G., and Parrett, Charles,2012, Methods for determining magnitude and frequency of floods in California, based on data through water year 2006: U.S. Geological Survey Scientific Investigations Report 2012–5113, 38 p., 1 pl. (http://pubs.usgs.gov/sir/2012/5113/)

Maximum Probable Flood Statistics

Maximum Probable Flood Statistics Parameters [Crippen Bue Region 17]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	4.2	square miles	0.1	10000

Maximum Probable Flood Statistics Flow Report [Crippen Bue Region 17]

Statistic	Value	Unit
Maximum Flood Crippen Bue Regional	20200	ft^3/s

Maximum Probable Flood Statistics Citations

Crippen, J.R. and Bue, Conrad D.1977, Maximum Floodflows in the Conterminous United States, Geological Survey Water-Supply Paper 1887, 52p. (https://pubs.usgs.gov/wsp/1887/report.pdf)

Bankfull Statistics

Bankfull Statistics Parameters [Pacific Mountain System D Bieger 2015]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	4.2	square miles	6.1776	8079.9147

Bankfull Statistics Parameters [Pacific Border P Bieger 2015]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	4.2	square miles	6.169878	3938.976756

Bankfull Statistics Parameters [USA Bieger 2015]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	4.2	square miles	0.07722	59927.7393

Bankfull Statistics Disclaimers [Pacific Mountain System D Bieger 2015]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors.

Bankfull Statistics Flow Report [Pacific Mountain System D Bieger 2015]

Statistic	Value	Unit
Bieger_D_channel_width	23.5	ft
Bieger_D_channel_depth	1.52	ft
Bieger_D_channel_cross_sectional_area	44.4	ft^2

Bankfull Statistics Disclaimers [Pacific Border P Bieger 2015]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors.

Bankfull Statistics Flow Report [Pacific Border P Bieger 2015]

Statistic	Value	Unit
Bieger_P_channel_width	20.6	ft
Bieger_P_channel_cross_sectional_area	41.6	ft^2
Bieger_P_channel_depth	1.51	ft

Bankfull Statistics Flow Report [USA Bieger 2015]

Statistic	Value	Unit
Bieger_USA_channel_width	20.5	ft

Statistic	Value	Unit
Bieger_USA_channel_depth	1.64	ft
Bieger_USA_channel_cross_sectional_area	37.1	ft^2

Bankfull Statistics Flow Report [Area-Averaged]

Statistic	Value	Unit
Bieger_D_channel_width	23.5	ft
Bieger_D_channel_depth	1.52	ft
Bieger_D_channel_cross_sectional_area	44.4	ft^2
Bieger_P_channel_width	20.6	ft
Bieger_P_channel_cross_sectional_area	41.6	ft^2
Bieger_P_channel_depth	1.51	ft
Bieger_USA_channel_width	20.5	ft
Bieger_USA_channel_depth	1.64	ft
Bieger_USA_channel_cross_sectional_area	37.1	ft^2

Bankfull Statistics Citations

Bieger, Katrin; Rathjens, Hendrik; Allen, Peter M.; and Arnold, Jeffrey G.,2015, Development and Evaluation of Bankfull Hydraulic Geometry Relationships for the Physiographic Regions of the United States, Publications from USDA-ARS / UNL Faculty, 17p. (https://digitalcommons.unl.edu/usdaarsfacpub/1515?utm_source=digitalcommons.unl.edu%2Fusdaarsfacpub%2F1515&utm_medium=PDF&utm_campaign=PDFCove

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Application Version: 4.28.1
StreamStats Services Version: 1.2.22
NSS Services Version: 2.2.1

Appendix J

Water Supply Assessment

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Kern County

WATER SUPPLY ASSESSMENT

FOR

AIRPORT COMMERCE CENTER

FINAL

JULY, 2025

Prepared for:

BAYSPRING & FIRSTCARBON SOLUTIONS™

Prepared by:

AKEL ENGINEERING GROUP, INC.

AKEL
ENGINEERING GROUP, INC.

Smart Planning Our Water Resources

July 2, 2025

Bayspring Real Estate Partners
611 Gateway Blvd, Suite 120
South San Francisco, CA 94080

Attention: Bryce Holman
Principal

Subject: Water Supply Assessment for Airport Commerce Center – Final
(SB 610 Requirements)

Dear Bryce:

We are pleased to submit this Water Supply Assessment (WSA) for the Airport Commerce Center industrial project. This final report is intended to satisfy the requirements of SB 610 by evaluating the impact of this updated project on existing and future water supplies.

This final report quantifies the updated project's water supply requirements, identifies the potential impact on the Oildale Mutual Water Company's supply availability, includes discussions on the supply reliability, and provides supply vs. demand comparisons.

We are extending our thanks to you, and Jason Bradman (FirstCarbon Solutions, Vice President), for the guidance and valuable input and reviews during the completion of this study.

Sincerely,

AKEL ENGINEERING GROUP, INC.

Tony Akel, P.E.
Principal

Enclosure: Final Report

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www.akeleng.com

Kern County
Water Supply Assessment
For Airport Commerce Center

Table of Contents

Page No.

1.0 INTRODUCTION AND PURPOSE 1
2.0 PROJECT DESCRIPTION 1
3.0 RELEVANT REPORTS 2
4.0 WATER CODE COMPLIANCE 3
4.1 SB 610 DETERMINATIONS 3
4.2 IDENTIFIED PUBLIC WATER SYSTEM 4
4.3 2020 URBAN WATER MANAGEMENT PLAN 4
5.0 PROJECT WATER DEMAND 5
5.1 WATER DUTY FACTORS 5
5.1.1 2020 UWMP INDUSTRIAL WATER DUTY FACTOR 5
5.1.2 PROJECT INDOOR WATER DUTY FACTOR 5
5.1.3 PROJECT OUTDOOR WATER DUTY FACTOR 6
5.1.4 PROJECT TOTAL WATER DUTY FACTOR 6
5.2 PROJECT WATER DEMAND 6
6.0 PROJECTED SUPPLY AND DEMAND 7
6.1 WATER DEMANDS 7
6.2 WATER SUPPLY (NORMAL YEAR) 7
6.2.1 PURCHASED WATER 7
6.2.2 GROUNDWATER 8
6.2.3 CLIMATE CONDITIONS 9
6.3 DROUGHT PLANNING 9
6.3.1 RESPONSE TO CLIMATE CHANGE 9
6.3.2 RECYCLED WATER 9
6.3.3 WATER SUPPLY (DRY-YEARS) 10
7.0 DEMAND AND SUPPLY COMPARISON 10
8.0 SUMMARY AND CONCLUSIONS 10

Kern County
Water Supply Assessment
For Airport Commerce Center

Tables

Table 1 Proposed Development and Projected Potable Water Demand
Table 2 Population-Current and Projected
Table 3 Future Water Demand Projections
Table 4 Future Water Supply Projections for Normal Year
Table 5 30-Year Climate Data
Table 6 30-Year Precipitation Data
Table 7 Normal Year Demand and Supply Comparison
Table 8 Single Dry Year Demand and Supply Comparison
Table 9 Multiple Dry Years Demand and Supply Comparison

Figure

Figure 1 Project Regional Location Map

Appendices

APPENDIX A – ACC Bakersfield Precise Development Plan No. 36, Map No. 81-35
APPENDIX B – Airport Commerce Center Industrial Project Description

Definitions and Abbreviations

af	acre-foot/feet
afy	acre-foot/feet per year
afy/ac	acre-foot/feet per year per acre
AWSDA	Annual Water Supply and Demand Assessment
OMWC	Oildale Mutual Water Company
NORMWD	North of the River Municipal Water District
KCWA	Kern County Water Agency
NORSD	River Sanitation District
WSMP	Water System Master Plan
SGMA	Sustainable Groundwater Management Act
CEQA	California Environmental Quality Act
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
SB	Senate Bill
sq ft	square foot
SWP	State Water Project
UWMP	Urban Water Management Plan
UWUO	Urban Water Use Objective
WSA	Water Supply Assessment
WSCP	Water Shortage Contingency Plan
FCS	FirstCarbon Solution

1.0 INTRODUCTION AND PURPOSE

This Water Supply Assessment (WSA) report is intended to satisfy the requirements of Senate Bill (SB) 610, which was adopted by the California State Legislature to address some of the uncertainties in the water supply and gain a more detailed understanding of the water availability for different projects.

The study objective of this WSA is the proposed Airport Commerce Center (Project) within Kern County. This WSA assesses the water supply sufficiency to the projected water demands by evaluating the impact of the Project's water demands on the water supplies through 2045, as stipulated in the SB 610 requirements.

Pursuant to the California Water Code Division 6, Part 2.10, Sections 10910-10915, any city or county, which has proposed larger developments or land use plans that are subject to California Environmental Quality Act (CEQA), is required to prepare a WSA to document potential environmental impacts of the projects.

The gross site area of the proposed Airport Commerce Center is estimated as 114.8 acres and consists of warehouses, cold storage, industrial manufacturing, offices, and two retail buildings (**Appendix A**). Since the project area exceeds 40 acres, the proposed development qualifies as a *Project* and requires a WSA pursuant to Sections 10912(a)(5). The WSA must be included in the environmental document addressing the potential environmental impacts of the project. To ensure project approval, the WSA must conclude that the supply of domestic water available to the development is adequate and will continue to be adequate over the next 20 years during normal, single-dry, and multiple-dry years.

This WSA is developed with the objective of aiding Kern County in meeting the requirements of SB 610.

2.0 PROJECT DESCRIPTION

Airport Commerce Center (Project) is a proposed development of approximately 114.8 acres, located in Kern County, California within the Oildale community. The Project is bounded by Airport Drive in the east, Merle Haggard Drive in the south, Petrol Road in the north, and Landings Way in the west (**Figure 1**).

A Project Description report, completed by FirstCarbon Solution (FCS), is included in **Appendix B**. The description indicates this development consists of four single-story industrial buildings that consist of warehouses (totaling 625,446 sq ft), cold storages (totaling 393,624 sq ft), industrial manufacturing or assembly (totaling 335,826 sq ft), offices (totaling 50,544 sq ft), and two retail buildings (totaling 9,410 sq ft). Lastly, the site includes four detention basins (totaling 425,033 sq ft). The buildings have the following individual and total footprints:

- Building 1. 257,580 sq ft
- Building 2. 192,780 sq ft
- Building 3. 180,360 sq ft
- Building 4. 874,720 sq ft
- QSR 1. 5,570 sq ft
- QS R2. 3,840 sq ft
- Total 1,514,850 sq ft

3.0 RELEVANT REPORTS

Oildale Mutual Water Company (OMWC) has either completed or participated in studies intended to document water supply sufficiency. This section documents several reports that were consulted during the preparation of this water supply assessment.

- Oildale Mutual Water Company 2020 Urban Water Management Plan, June 2022 (2020 UWMP): This report includes a summary of OMWC's current water supply and demand conditions, water shortage contingency plan, and detailed documentation of their future water supply and demand strategies for Oildale. The report also includes the recycled water discussion and future planning.

- Sustainable Groundwater Management Act 2019 Basin Prioritization, May 2020 (2019 SGMA-BP): This map documents the latest groundwater basins' prioritization, adjudication, and overdraft conditions.

- Kern River Groundwater Sustainability Agency's Groundwater Sustainability Plan, August 2022 (2022 KRGSA-GSP): This plan documents the groundwater sustainability plan service area, groundwater level monitoring, the groundwater management actions, and the sustainable yield of the Kern County Subbasin. It is important to note that the Kern County Subbasin is currently on probation and awaiting a continued hearing on September 17, 2025. The Groundwater Sustainability Agencies (GSA) are in the process of resubmitting new GSPs that account for deficiencies within the basin by June 20, 2025.

- Oildale's Annual Water Supply and Demand Assessment, June 2022, 2023, and 2024 (AWSDA): These reports document the total water supply and demand for Oildale each year and determine whether the OMWC is experiencing any water shortages.
- Urban Water Use Objective, December 23, 2024 (2024 UWUO): This report contains data reflecting the total water supplies and water losses for Oildale. It was referenced to validate the 2020 UWMP future projections.
- California Code of Regulations, Title 23. Water, Chapter 2.7. Model Water Efficient Landscape Ordinance, August Register 2023, No. 34. (Title 23): This plan documents the formulae of calculating the outdoor water demands, the parameter of ETAF for non-residential land use, and the reference evapotranspiration (Eto) table.

4.0 WATER CODE COMPLIANCE

This section addresses compliance with the California Water Code, including SB 610 determinations, the identified public water system, and the most recent 2020 Urban Water Management Plan.

4.1 SB 610 Determinations

SB 610 determines if a Project will be subject to the California Environmental Quality Act (CEQA). California Water Code 10910(a) and 10912(a) define the characteristics of a Project and the compliance of CEQA.

Water Code Sections 10910 and 10912 state:

> *10910(a) Any city or county that determines that a project, as defined in Section 10912, is subject to the California Environmental Quality Act (Division 13 (commencing with Section 21000) of the Public Resources Code) under Section 21080 of the Public Resources Code shall comply with this part.*
>
> *10912(a) "Project" means any of the following:*
> *(1) A proposed residential development of more than 500 dwelling units.*
> *(2) A proposed shopping center or business establishment employing more than 1,000 persons or having more than 500,000 square feet of floor space.*
> *(3) A proposed commercial office building employing more than 1,000 persons or having more than 250,000 square feet of floor space.*
> *(4) A proposed hotel or motel, or both, having more than 500 rooms.*
> *(5) A proposed industrial, manufacturing, or processing plant, or industrial park planned to house more than 1,000 persons, occupying more than 40 acres of land, or having more than 650,000 square feet of floor area.*

(6) A mixed-use project that includes one or more of the projects specified in this subdivision.
(7) A project that would demand an amount of water equivalent to, or greater than, the amount of water required by a 500-dwelling unit project.

Based on the following assumptions, SB 610 does apply to the Proposed Project.

- The Proposed Project is subject to the California Environmental Quality Act (CEQA); therefore, an Environmental Impact Report (EIR) is required.
- The Proposed Project consists of four industrial buildings totaling approximately 1,514,850 square feet. The four buildings consist of warehouses (625,446 sq ft), cold storages (393,624 sq ft), industrial manufacturing or assembly (335,826 sq ft), offices (150,544 sq ft), and two retail buildings (9,410 sq ft). Since the site includes more than 600,000 sq ft, Water Code Section 109129(a), section (5) defines this as a "Project".

4.2 Identified Public Water System

California Water Code Section 10910(b) requires identification of the public water system that would supply the proposed Project. This section describes the responsible retail and wholesale water supplier.

Water Code Sections 10910 states:

> *10910(b) The city or county, at the time that it determines whether an environmental impact report, a negative declaration, or a mitigated negative declaration is required for any project subject to the California Environmental Quality Act pursuant to Section 21080.1 of the Public Resources Code, shall identify any water system that is, or may become as a result of supplying water to the project identified pursuant to this subdivision, a public water system, as defined by Section 10912, that may supply water for the project.*
>
> *10912(c) "Public water system" means a system for the provision of piped water to the public for human consumption that has 3,000 or more service connections…*

The project site is located within the Kern County unincorporated area and serviced by the Oildale Mutual Water Company's service area, which functions as the retail urban water supplier, providing potable water directly to local customers.

4.3 2020 Urban Water Management Plan

California Water Code Section 10910(c)(1) requires confirmation that a proposed project's water demand is accounted for in the applicable Urban Water Management Plan. This section outlines the Project's consistency with the Oildale Mutual Water Company's 2020 UWMP.

Water Code Section 10910 states:

> *10910(c)(1) The city or county, at the time it makes the determination required under Section 21080.1 of the Public Resources Code, shall request each public water system identified pursuant to subdivision (b) to determine whether the projected water demand associated with a proposed project was included as part of the most recently adopted urban water management plan adopted pursuant to Part 2.6 (commencing with Section 10610).*

OMWC adopted their 2020 UWMP in June 2022 which includes the future water demands for future developments within the existing service area, as well as future developments within their future service area.

5.0 PROJECT DEMANDS

This section includes a summary of the water use demand factors and Project's calculated water demand estimation.

5.1 Water Duty Factors

Domestic water duty factors are coefficients commonly used in planning level analysis to estimate future average daily demands for predetermined land uses of a specific area. The water duty factor is multiplied by the number of gross acres to yield the average daily demand projections.

This section documents the industrial water duty factor and demands for this site as estimated in the 2020 UWMP. The section also documents the Project's water demands based on using indoor water duty factors that are estimated using industry standards, and outdoor duty factors that are calculated based on Title 23.

5.1.1 2020 UWMP Industrial Water Duty Factor

The 2020 UWMP did not list the water duty factors used for the various land uses. Akel extracted the industrial land use acreage documented in the 2020 UWMP at 4,429 acres, and the corresponding 191 acre-feet per year attributed to industrial users. Dividing these two numbers yields a water duty factor of **0.043 afy/ac** (Table 1).

5.1.2 Project Indoor Water Duty Factor

In determining the Indoor Water Duty factor, Akel consulted documents including the previous 2020 UWMP, other San Joaquin Valley water system master plans that document duty factors, as well as typical heavy industrial water demand factors used by Akel Engineering Group. Thus,

the indoor water duty factor for heavy industrial for this project is estimated at 3.1 afy/ac, the indoor water duty factor for retail commercial for this project is estimated at 2.5 afy/ac (**Table 1**).

5.1.3 Project Outdoor Water Duty Factor

Outdoor water duty factor for industrial land use is estimated by the formula extracted from California Code of Regulations, Model Water Efficient Landscape Ordinance (August 2023).

$$ETWU\ (Annual\ Gallons\ Required) = Eto * 0.62 * ETAF * Area$$

where *0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year.*
where *ETAF = 0.45 for non-residential land use area*
where *Eto = 52.4 inch/year for Kern County*

Thus, the outdoor water duty factor for industrial land use is calculated at 2.0 afy/ac (**Table 1**).

5.1.4 Project Total Water Duty Factor

The Project's total water duty factor (indoor + outdoor) is calculated at **2.6 afy/ac**, noticeably higher than previously estimated during the preparation of the 2020 UWMP.

5.2 Project Total Water Demand

The development information, provided by Bayspring Real Estate Partners, identified that the project site would be developed as a heavy industrial land use designation with a gross area of 114.8 acres, which is divided as follows:

- 82.7 acres dedicated to indoor land use (Warehouse and office, retail pad).
- Per the assumption that 19.4% of the total site is landscaped, 22.3 acres is dedicated to irrigated landscape space. These will be planted with drought-resistant strains to lower the maintenance cost and water usage.
- 9.8 acres dedicated to non-demand generating (Detentions).

Based on applying the indoor and outdoor water duty factors from the previous section and applying them to the project area of 114.8 acres, the total water demand for this Project is calculated at 299 afy, as shown on **Table 1**.

The projected water demand estimated by OMWC's 2020 UWMP for the Project site is at 5 afy. Therefore, this Project's water demand is expected to increase the current 2020 UWMP

demand projections from 5 afy to 299 afy. Since the 2020 UWMP already accounts for 5 afy from this site, the net increase calculated in this study is at 294 afy, as shown on **Table 1**.

6.0 PROJECTED SUPPLY AND DEMAND

This section includes Oildale's water demand and supply projection under different water years (normal, single-dry, and multiple-dry years). The OMWC was formed to supply water for urban use through the Oildale community. Oildale's water is supplied by OMWC's groundwater wells, as well purchased or imported from secondary companies including North of the River Municipal Water District (NORMWD) and Kern County Water Agency (KCWA). Drought planning efforts for Oildale are also summarized in this section.

6.1 Water Demands

OMWC serves water to an area 26.3 square miles north of the City of Bakersfield, 110 miles north of Los Angeles, and 290 miles southwest of San Francisco. Their southern boundary includes the Kern River, while their western boundary is along Highway 99. OMWC served a population of 36,726 people in 2020 and is expected to increase to 41,938 people by 2025 (**Table 2**).

Table 3 documents the OWMC's water demand projection through 2040, consistent with the 2020 UWMP. Because the project site was not completely accounted for in the 2020 UWMP, this table also includes the increased water demand from the addition of the Airport Commerce Center (294 afy). With the increase in population and the new development, the demand is projected to be 10,336 afy by 2025. The UWMP does not include projections for the year 2045; however, the total projections are assumed to be 22,082 afy based on the average annual changes between 2025 and 2040 (**Table 3**).

This WSA also included a review of the water demands in the recent Annual Water Supply and Demand Assessments (AWSDA) filed by OMWC. The 2022 AWSDA documented a water demand of 9,205 af, the 2023 AWSDA documented a water demand of 8,787 af, and the 2024 AWSDA documented a water demand of 8,916 af.

6.2 Water Supply (Normal Year)

The OMWC receives most of their water supply from purchased or imported water from companies and has a smaller source of supply from their groundwater.

6.2.1 Purchased Water

OMWC uses purchased or imported water as their main supply source. According to the 2020 UWMP, OMWC had the right to purchase 15,000 acre-feet of water every year from NORMWD and KCWA (**Table 4**):

OMWC's main supply is from KCWA's ID4 Henry Garnett Water Purification Plant. In 1974 KCWA entered into a contract with NORMWD to receive 8,500 acre-feet of treated water. OMWC then contracted with the NORMWD in 1974 to receive 6,500 acre-feet of this supply on September 22, 2005. After a contract revision, OMWC started receiving 12,000 acre-feet per year from NORMWD, and with the addition of NORMWD's retail service area into OMWC's supply, their total surface water availability is 15,000 acre-feet a year.

This WSA also included a review of the water purchases documented in the recent Annual Water Supply and Demand Assessments (AWSDA) filed by OMWC. The 2022 AWSDA documented a purchased water supply total of 11,800 af, the 2023 AWSDA declared a purchased water supply total of 11,900 af, and the 2024 AWSDA declared a purchased water supply total of 12,000 af.

6.2.2 Groundwater

Groundwater is the secondary source of the OMWC's potable water supply. The groundwater basin underlying the OMWC is the Kern County Subbasin (5.022-14) within the San Joaquin Valley Basin (5.022) (*2020 UWMP Table 6-1*). The Oildale groundwater subbasins are part of the Kern River alluvial fan area and are within the boundaries of OMWC, excluding Southeast Shafter. The Department of Water Resources (DWR) has identified the Kern County Subbasin as a critically over-drafted basin and is classified as high priority, based on 2019 SGMA-BP.

There are eleven GSAs that govern the Kern County Subbasin and have coordinated on five Groundwater Sustainability Plans (GSPs). Kern Groundwater Authority GSA, Kern River GSA, and the Cawelo Water District GSA are the three GSAs managing the OMWC's service area.

It is important to note that the Kern County Subbasin is currently on probation, awaiting a follow-up hearing on September 17, 2025. A revised GSP is in the works to acknowledge the basin's deficiencies by June 20, 2025.

According to the 2020 UWMP, OMWC is expecting groundwater pumping capacity to increase over the next twenty years and is planning on increasing the utilization of their current groundwater wells. The OMWC projects 10,651 af of water to be pumped by 2025 and 12,802 af to be pumped between 2035 and 2045. The available groundwater supply during normal water years is summarized in **Table 4**.

This WSA also included a review of the groundwater pumped documented in the recent AWSDAs filed by OMWC. The 2022, 2023, and 2024 AWSDAs documented 3,120 af of groundwater pumped.

6.2.3 Climate Conditions

Oildale's climate plays a role in both the supply and demand of water. It is a cold, semi-arid climate, and typically experiences hot and dry summers with cool winters. The average high temperature ranges from 98.6 °F in July to 58.5 °F in December. Table 5 displays the average temperature (including high and low) from the past 30 years, with higher records during summer months. Similarly, Kern County does not typically receive large amounts of precipitation due to its topography and location. **Table 6** displays the average precipitation values from the past 30 years. Warmer months will typically require a higher water demand with a lower water supply availability.

6.3 Drought Planning

This section summarizes the OMWC's effort to increase drought resiliency, which includes the response to climate change, the use of recycled water, and a water shortage contingency plan. This section also summarizes the OMWC's projected water supply under single and multiple-dry years.

6.3.1 Response to Climate Change

Climate change is discussed in the OMWC's 2020 UWMP, as follows:

> *The 2011-2016 drought in California had made water supply deficiencies a major concern, prompting former Governor Brown to proclaim a State of Emergency in January 2014 and an Executive Order requiring a statewide reduction in water use of 25% in 2015. To achieve this reduction, each agency was assigned a mandated water reduction target. OMWC's mandated water reduction target was 20%. Governor Brown lifted the drought emergency in April 2017.*

Snowpack is a major contribution to groundwater levels in the Central Valley, and during dry years, the snowpack level in the Sierra Nevada Mountains is diminished. However, because most of OMWC's supply is from treated surface water, the water supply will remain stable during a drought. This was seen during the five-year drought from 2011 to 2016.

6.3.2 Recycled Water

Recycled water has proven to be a reliable water source for all weather types, and it helps OMWC increase its drought resilience. Wastewater is treated by the River Sanitation District (NORSD) and this water is then used for groundwater recharge. OMWC purchased 67% of treated wastewater from NORSD and is being used for agricultural irrigation instead of directly recharging the groundwater.

6.3.3 Water Supply (Dry-Years)

The majority of OMWC's water supply consists of purchased water and groundwater. Both are relatively unimpacted by dry-year and multiple dry-year conditions. Consistent with the 2020 UWMP, OMWC's groundwater and recycled water remain constant during all year types. However, because the groundwater basins are deemed as critical over-draft, caution is still advised.

Because OMWC receives treated surface water and wastewater, groundwater levels only decrease in the event of an extreme, prolonged drought. **Table 8** shows the total water demand and supply for a single dry year. The water supply of 2045 is assumed to be the same as the water supply from 2040.

A multiple dry year is assumed to be a repeat of the single dry year over five consecutive years. **Table 9** displays the water demand and supply of OMWC through 2045. The water supply of 2045 is assumed to be the same as the water supply from 2040.

7.0 SUPPLY AND DEMAND COMPARISON

In a single dry year and a multiple dry year, OMWC's water supply and water demand are in surplus through 2045. Upon a prolonged or more severe drought, compensation for decreased supply will come in the form of lowering well pumps and constructing deeper groundwater wells.

The OMWC's water supply and demand can be compared during normal, single-dry, and multiple-dry years. These results are summarized in **Table 7**, **Table 8**, and **Table 9**. The tables include the increased project water demand (in excess of the 2020 UWMP projections), which was calculated at 294 afy during normal year. Despite this increase in demand, this analysis shows that the OMWC's total water supply is still sufficient to meet the County's water demands with the addition of the Airport Commerce Center under normal, single-dry, and multiple-dry conditions.

8.0 SUMMARY AND CONCLUSIONS

This water supply assessment was prepared for the Project with the intent of meeting the requirements of SB 610. The Oildale Mutual Water Company (OMWC) has been identified as the public water distributor for the Airport Commerce Center, and this property was accounted for in the 2020 UWMP.

- The 2020 UWMP calculated the water demands from this Project at 5 afy. This study calculated the water demands from this Project at 299 afy. Thus, this study calculates an additional 294 afy of water that was not included in the 2020 UWMP.

- Despite the increase in demand, this analysis shows that the OMWC's total water supply is still sufficient to meet the County's water demands with the addition of the Airport Commerce Center under normal, single-dry, and multiple-dry conditions.

- It is important to note that the Kern County Subbasin is currently on probation, awaiting a follow-up hearing on September 17, 2025. A revised GSP is in the works to acknowledge the basin's deficiencies by June 20, 2025.

TABLES

Table 1 Proposed Development and Projected Potable Water Demand

Water Supply Assessment Update for Airport Commerce Center
Kern County

Land Use	Lot Area[1] (acre)	Water Duty Factor[2,3,4] (afy/ac)	Water Demand (afy)
Projected Water Demand			
Indoor Water Demand			
Warehouse & Office	80.1	3.1	248
Retail Pad	2.65	2.5	7
Subtotal	**82.7**	-	**255**
Outdoor Water Demand			
Irrigated landscape[5]	22.3	2.0	44
Subtotal	**22.3**	-	**44**
Non-Demand Generating			
Landscape Detention	9.76	0.0	0
Subtotal	**9.8**	-	**0**
Total	**114.8**	**2.6**	**299**
Projected Water Demand estimated from OMWC 2020 UWMP			
Industrial	114.8	0.043	5
Total Water Demand Increased from 2020 UWMP			
Demand Increased from 2020 UWMP Projection	-	-	**294**

AKEL ENGINEERING GROUP, INC.

6/17/2025

Notes:

1. Information of the proposed airport commerce center development was received from Bayspring staff on 5/21/2024.
2. The water duty factor for Warehouse & Office is based on typical heavy industrial water demand factors and Akel Engineering Group, Inc. experience. The water coefficient for industrial land use from 2020 OMWC's UWMP is estimated as 0.043 afy/ac.
3. The water duty factor for Retail Pads based on the commercial water demand factor estimated from OMWC's 2020 UWMP.
4. The water duty factor for irrigated landscape demand is based on MAWA equation from California Code of Regulations, Title 23. Water, Model Water Efficient Landscape Ordinance.
*MAWA (Annual Gallons Required) = Eto * ETAF * Area* 0.62, where Eto = 52.4 inch/yr, ETAF = 0.45 for non-residential areas, and 0.62 is a conversion factors that converts acre-inches per acre per year to gallons per square foot per year.
5. The landscaped area is estimated to be 19.4% of the total site area. Drought-resistant strains will be planted to minimize maintenance costs and

Table 2 Population - Current and Projected

Water Supply Assessment for Airport Commerce Center

Kern County

Population	Current and Projected Years[1]				
	2020	2025	2030	2035	2040
Population Served	36,726	41,938	45,382	53,498	58,397

AKEL ENGINEERING GROUP, INC.

8/9/2023

Note:

1. Source: OMWC 2020 Urban Water Management Plan, Table 3-4.

Table 3 Future Water Demand Projections

Water Supply Assessment for Airport Commerce Center
Kern County

Land Use	Projected Future Potable Water Demand				
	2025 (afy)	2030 (afy)	2035 (afy)	2040 (afy)	2045 (afy)
OWMC 2020 UWMP[1]					
Single Family Residential	6,951	8,878	11,707	14,281	-
Multi Family Residential	939	916	893	871	-
Commercial / Institutional	1,385	1,351	1,723	1,745	-
Industrial	240	234	239	245	-
Landscape Irrigation	212	207	212	239	-
Losses (Non-revenue water)	316	376	480	564	-
Total Water Demand	**10,042**	**11,961**	**15,255**	**17,944**	**-**
Airport Commerce Center Development (M2 - Heavy Industrial)					
Demand Increased from 2020 UWMP Projection	**294**	**294**	**294**	**294**	**294**
Total Water Demand (OWMC 2020 UWMP + Airport Development)[2]					
Total	**10,336**	**12,255**	**15,549**	**18,238**	**22,082**

AKEL ENGINEERING GROUP, INC.

6/3/2024

Notes:

1. Source: OMWC 2020 Urban Water Management Plan, Table 4-4.
2. Total water demand of FY2045 is assumed based on Akel Engineering Group, Inc. experience and the increased water demand percentage of the annual year between 2025 and 2040.

Table 4 Future Water Supply Projections for Normal Year

Water Supply Assessment for Airport Commerce Center

Kern County

Water Supply Source	Projected Future Potable Water Supply[1,2,3]				
	2025 (afy)	2030 (afy)	2035 (afy)	2040 (afy)	2045 (afy)
Purchased or Imported Water (NORMWD/KCWA)	15,000	15,000	15,000	15,000	15,000
Groundwater (OMWC Wells)	10,651	11,726	12,802	12,802	12,802
Total	**25,651**	**26,726**	**27,802**	**27,802**	**27,802**

AKEL ENGINEERING GROUP, INC.

8/9/2023

Notes:

1. Source: OMWC 2020 Urban Water Management Plan, Table 6-9.
2. Water supply of FY2045 is assumed to be the same as FY2040.
3. It should be noted that the Kern County Subbasin is not adjudicated, and this projected supply volume does not represent a determination of water rights or maximum allowable groundwater extraction/pumping.

Table 5 30-Year Climate Data

Water Supply Assessment for Airport Commerce Center
Kern County

Climate Data for Kern County													
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Average (F)	49.7	53.5	58.7	63.9	71.2	79.5	85.6	84.0	78.4	68.1	55.7	49.0	66.4
Average High (F)	58.8	64.4	70.4	76.3	84.4	92.5	98.6	97.5	91.6	80.2	67.1	58.5	78.3
Average Low (F)	40.0	42.3	46.4	50.2	57.6	64.6	71.0	69.7	64.6	54.7	44.8	39.1	53.8

AKEL ENGINEERING GROUP, INC.

6/3/2024

Note:

1. Source: NOAA Bakersfield Airport Station (Period of Record: 1992 - 2022)

Table 6 30-Year Precipitation Data

Water Supply Assessment for Airport Commerce Center
Kern County

Precipitation Data for Kern County													
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Average Rainfall (inches)	1.3	1.3	1.2	0.6	0.3	0.1	0.0	0.0	0.0	0.3	0.5	1.2	6.7
Average Precipitation Days	6.8	7.1	6.3	3.5	2.0	0.5	0.2	0.2	0.1	1.7	3.3	6.5	38.2

AKEL ENGINEERING GROUP, INC.

6/3/2024

Note:

1. Source: NOAA Bakersfield Airport Station (Period of Record: 1992 - 2022)

Table 7 Normal Year Demand and Supply Comparison

Water Supply Assessment for Airport Commerce Center
Kern County

	2025 (afy)	2030 (afy)	2035 (afy)	2040 (afy)	2045 (afy)
Demand					
OMWC 2020 UWMP[1]	10,042	11,961	15,255	17,944	-
Airport Commerce Center Development	294	294	294	294	294
Total[2]	**10,336**	**12,255**	**15,549**	**18,238**	**22,082**
Supply[3,4,5]					
Purchased or Imported Water (NORMWD/KCWA)	15,000	15,000	15,000	15,000	15,000
Groundwater	10,651	11,726	12,802	12,802	12,802
Total	**25,651**	**26,726**	**27,802**	**27,802**	**27,802**
Demand vs. Supply					
Surplus (+) / Deficit (-)	**15,315**	**14,471**	**12,253**	**9,564**	**5,720**

AKEL ENGINEERING GROUP, INC.

6/3/2024

Notes:

1. Source: OMWC 2020 Urban Water Management Plan, Table 4-4.
2. Total water demand of FY2045 is assumed based on Akel Engineering Group, Inc. experience and the increased water demand percentage of the annual year between 2025 and 2040.
3. Source: OMWC 2020 Urban Water Management Plan, Table 7-2.
4. Water supply of FY2045 is assumed to be the same as FY2040.
5. It should be noted that the Kern County Subbasin is not adjudicated, and this projected supply volume does not represent a determination of water rights or maximum allowable groundwater extraction/pumping.

Table 8 Single Dry Year Demand and Supply Comparison

Water Supply Assessment for Airport Commerce Center
Kern County

	2025 (afy)	2030 (afy)	2035 (afy)	2040 (afy)	2045 (afy)
Demand					
OMWC 2020 UWMP[1]	10,545	12,559	16,018	18,841	-
Airport Commerce Center Development[2]	309	309	309	309	309
Total[3]	**10,854**	**12,868**	**16,327**	**19,150**	**23,154**
Supply[4,5]					
Purchased or Imported Water (NORMWD/KCWA)	15,000	15,000	15,000	15,000	15,000
Groundwater	10,651	11,726	12,802	12,802	12,802
Total	**25,651**	**26,726**	**27,802**	**27,802**	**27,802**
Demand vs. Supply					
Surplus (+) / Deficit (-)	**14,797**	**13,858**	**11,475**	**8,652**	**4,648**

AKEL ENGINEERING GROUP, INC.

6/3/2024

Notes:

1. Source: OMWC 2020 Urban Water Management Plan, Table 7-3.
2. Total Demand = Normal Year Demand * 105%
3. Total water demand of FY2045 is assumed based on Akel Engineering Group, Inc. experience and the increased water demand percentage of the annual year between 2025 and 2040.
4. Water supply of FY2045 is assumed to be the same as FY2040.
5. It should be noted that the Kern County Subbasin is not adjudicated, and this projected supply volume does not represent a determination of water rights or maximum allowable groundwater extraction/pumping.

Table 9 Multiple Dry Years Demand and Supply Comparison

Water Supply Assessment for Airport Commerce Center
Kern County

	2025 (afy)	2030 (afy)	2035 (afy)	2040 (afy)	2045 (afy)
First Year					
Demand totals	9,844	11,200	13,465	16,826	20,133
Supply totals	23,500	25,651	26,726	27,802	27,802
Surplus (+) / Deficit (-)	**13,656**	**14,451**	**13,261**	**10,976**	**7,669**
Second Year					
Demand totals	9,835	11,589	14,123	17,373	21,004
Supply totals	23,500	25,651	26,726	27,802	27,802
Surplus (+) / Deficit (-)	**13,665**	**14,062**	**12,603**	**10,429**	**6,798**
Third Year					
Demand totals	9,950	11,994	14,815	17,940	21,836
Supply totals	24,575	25,651	26,726	27,802	27,802
Surplus (+) / Deficit (-)	**14,625**	**13,657**	**11,911**	**9,862**	**5,966**
Fourth Year					
Demand totals	10,403	12,424	15,553	18,536	22,477
Supply totals	24,575	25,651	26,726	27,802	27,802
Surplus (+) / Deficit (-)	**14,172**	**13,227**	**11,173**	**9,266**	**5,325**
Fifth Year					
Demand totals	10,854	12,868	16,327	19,150	23,154
Supply totals	25,651	26,726	27,802	27,802	27,802
Surplus (+) / Deficit (-)	**14,797**	**13,858**	**11,475**	**8,652**	**4,648**

AKEL ENGINEERING GROUP, INC.

6/3/2024

Notes:

1. Source: OMWC 2020 Urban Water Management Plan, Table 7-4.
2. It is conservatively assumed that a multiple dry year is a repeat of the single dry year (at 105% of projected values) over five conservative years.
3. Total water demand of FY2045 is assumed based on Akel Engineering Group, Inc. experience and the increased water demand percentage of the annual year between 2025 and 2040.
4. Water supply of FY2045 is assumed to be the same as FY2040.
5. It should be noted that the Kern County Subbasin is not adjudicated, and this projected supply volume does not represent a determination of water rights or maximum allowable groundwater extraction/pumping.

FIGURE



Legend

Development Area

Airport Commerce Development Area

Figure 1
Project Regional Location

Water Supply Assessment
Kern County

AKEL
ENGINEERING GROUP, INC.

Appendix A

ACC Bakersfield Precise Development Plan No. 36, Map No. 81-35

CAUTION: IF THIS SHEET IS NOT 30"x42" IT IS A REDUCED PRINT.

ACC BAKERSFIELD PRECISE
DEVELOPMENT PLAN NO. 36, MAP NO. 81-35

AIRPORT DRIVE,
BAKERSFIELD, CA 93308

SHEET INDEX

(TOTAL SHEETS = ??)

ARCHITECTURAL

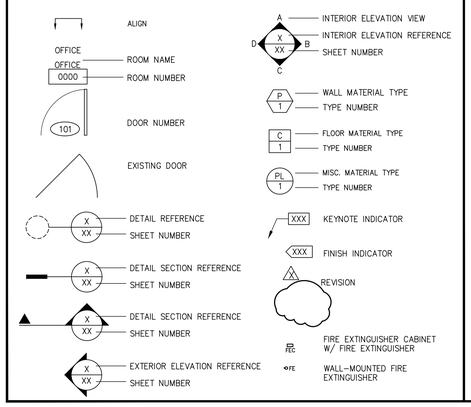
(=== SHEETS)

A0.1 TITLE SHEET
A1.1 SITE PLAN
A2.1 LANDSCAPE PLAN
A3.1 TRUCK MANEUVERABILITY EXHIBIT

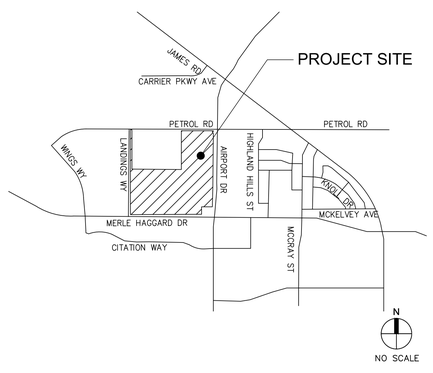
ABBREVIATIONS

&	And
∠	Angle
@	At
℄	Centerline
~	Diameter or Round
#	Pound or Number
(E)	Existing
ACOUS	Acoustical
A.D.	Area Drain
ADJ.	Adjustable
AGGR.	Aggregate
AL.	Aluminum
APPROX.	Approximate
ARCH.	Architectural
ASB.	Asbestos
ASPH.	Asphalt
BD.	Board
BITUM.	Bituminous
BLDG.	Building
BLK.	Block
BLKG.	Blocking
BM.	Beam
B.O.C.	Bottom of Concrete
B.O.M.	Bottom of Mullion
B.O.P.	Bottom of Panel
B.O.R.	Bottom of Reveal
BOT.	Bottom
CAB.	Cabinet
C.B.	Catch Basin
CEM.	Cement
CER.	Ceramic
C.I.	Cast Iron
C.G.	Corner Guard
CLG.	Ceiling
CLKG.	Caulking
CLO.	Closet
CLR.	Clear
C.O.	Cased Opening
COL.	Column
C.O.M.	Center of Mullion
CONC.	Concrete
CONN.	Connection
CONSTR.	Construction
CONT.	Continuous
C.O.R.	Center of Reveal
CORR.	Corridor
CTSK.	Countersunk
CNTR.	Counter
CTR.	Center
DBL.	Double
DEPT.	Department
D.F.	Drinking Fountain
DET.	Detail
DIA.	Diameter
DIM.	Dimension
DISP.	Dispenser
DN.	Down
D.O.	Door Opening
DR.	Door
DWR.	Drawer
DS.	Downspout
D.S.P.	Dry Standpipe
DWG	Drawing
E.	East
EA.	Each
E.J.	Expansion Joint
EL.	Elevation
ELEC.	Electrical
ELEV.	Elevator
EMER.	Emergency
ENCL.	Enclosure
E.P.	Electrical Panelboard
EQ.	Equal
EQPT.	Equipment
E.W.C.	Electric Water Cooler
EXST.	Existing
EXPO.	Exposed
EXP.	Expansion
EXT.	Exterior
F.A.	Fire Alarm
F.B.	Flat Bar
F.D.	Floor Drain
FDN.	Foundation
F.E.	Fire Extinguisher
F.E.C.	Fire Extinguisher Cab
F.H.C.	Fire Hose Cabinet
FIN.	Finish
FL.	Floor
FLASH.	Flashing
FLUOR.	Fluorescent
F.O.C.	Face of Concrete
F.O.F.	Face of Finish
F.O.M.	Face of Mullion
F.O.SH.	Face of Sheathing
FPRF.	Fireproof
F.S.	Full Size
FT.	Foot or Feet
FTG.	Footing
FURR.	Furring
FUT.	Future
GA.	Gauge
GALV.	Galvanized
G.B.	Grab Bar
GL.	Glass
GND.	Ground
GR.	Grade
GYP.	Gypsum
H.B.	Hose Bibb
H.C.	Hollow Core
HDWD.	Hardwood
HDWE.	Hardware
H.M.	Hollow Metal
HORIZ.	Horizontal
HR.	Hour
HGT.	Height
I.D.	Inside Diameter (Dim.)
INSUL.	Insulation
INT.	Interior
Jan.	Janitor
JT.	Joint
KIT.	Kitchen
K.O.	Knock Out
LAB.	Laboratory
LAM.	Laminate
LAV.	Lavatory
LKR.	Locker
LT.	Light
MAX.	Maximum
M.C.	Medicine
MECH.	Mechanical
MEMB.	Membrane
MET.	Metal
MFR.	Manufacturer
MH.	Manhole
MIN.	Minimum
MIR.	Mirror
MISC.	Miscellaneous
M.O.	Masonry Opening
MTD.	Mounted
MUL.	Mullion
N.	North
N.I.C.	Not In Contract
NO.	Number
NOM.	Nominal
N.T.S.	Not To Scale
O.A.	Overall
OBS.	Obscure
O.C.	On Center
O.D.	Outside Diameter (Dim.)
OFF.	Office
OPNG.	Opening
OPP.	Opposite
PRCST.	Pre-cast
PL.	Plate
P.LAM.	Plastic Laminate
PLAS.	Plaster
PLYWD.	Plywood
PR.	Pair
PT.	Point
P.T.D	Paper Towel Dispenser
P.T.D/R	Combination Paper Towel
PTN.	Partition
P.T.R.	Paper Towel Receptacle
P.J.	Panel Joint
Q.T.	Quarry Tile
R.	Riser
RAD.	Radius
R.D.	Roof Drain
REF.	Reference
REFR.	Refrigerator
RGTR.	Register
REINF.	Reinforced
REQ.	Required
RESIL.	Resilient
RM.	Room
R.O.	Rough Opening
RWD.	Redwood
R.W.L.	Rain Water Leader
S.	South
SAF	Self Adhered Flashing
S.C.	Solid Core
S.C.D.	Seat Cover Dispenser
SCHED.	Schedule
S.D.	Soap Dispenser
SECT.	Section
SH.	Shelf
SHR.	Shower
SHT.	Sheet
SIM.	Similar
SHT.	Shower
SM.	Similar
S.N.D.	Sanitary Napkin Disp.
S.N.R.	Sanitary Napkin Recept.
SPEC.	Specification
SQ.	Square
S.ST.	Stainless Steel
S.SK.	Service Sink
STA.	Station
STD.	Standard
STL.	Steel
STOR.	Storage
STRL.	Structural
SUSP.	Suspended
SYS.	Symmetrical
TRD.	Tread
T.B.	Towel Bar
T.C.	Top of Curb
TEL.	Telephone
TER.	Terrazzo
T. & G.	Tongue and Groove
THK.	Thick
T.O.C.	Top of Concrete
T.O.P.	Top of Panel
T.O.R.	Top of Reveal
T.O.RC.	Top of Deep Recess
T.O.M.	Top of Mullion
T.O.W.	Top of Wall
T.P.	Top of Pavement
T.P.D.	Toilet Paper Dispenser
T.V.	Television
T.W.	Top of Wall
TYP.	Typical
UNF.	Unfinished
U.O.N.	Unless Otherwise Noted
UR.	Urinal
VERT.	Vertical
VEST.	Vestibule
W.	West
W/	With
W.C.	Water Closet
WD.	Wood
W/O	Without
WPM	Waterproofing Membrane
WRB	Weather/Water Resistive Barrier
WSCT.	Wainscot
WT.	Weight

SYMBOLS



VICINITY MAP



BAYSPRING

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FAX: (714) 754-9683

BUILDING DEPARTMENT: CITY OF BAKERSFIELD, CA

APPLICABLE CODES:

BUILDING:	2022 CALIFORNIA BUILDING CODE
STRUCTURE:	2022 CALIFORNIA BUILDING CODE
MECHANICAL:	2022 CALIFORNIA MECHANICAL CODE
ELECTRICAL:	2022 CALIFORNIA ELECTRICAL CODE
PLUMBING:	2022 CALIFORNIA PLUMBING CODE
FIRE/LIFE SAFETY:	2022 CALIFORNIA FIRE CODE (WITH LOCAL AMENDMENTS)
ENERGY:	2022 STATE OF CALIFORNIA ENERGY CODE
	2022 STATE OF CALIFORNIA GREEN BUILDING CODE
ACCESSIBILITY:	2022 STATE OF CALIFORNIA TITLE 24 ACCESSIBILITY STANDARDS

CHAPTER 3 - USE & OCCUPANCY CLASSIFICATION:

OCCUPANCY	SECTION	USE	PROPOSED AREA (SF)
S-1 / STORAGE	(311)	WAREHOUSE	SEE ALLOWABLE AREA BELOW
B / OFFICE	(304)	OFFICE	SEE ALLOWABLE AREA BELOW

CHAPTER 5 - GENERAL BUILDING HEIGHTS & AREAS:

ALLOWABLE BUILDING HEIGHT:

MAIN OCCUPANCY	SPRINKLER CONDITION	(TABLE 504.3) ALLOWABLE BUILDING HEIGHT IN FEET	(504.4) ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE	PROPOSED BUILDING HEIGHT IN FEET	PROPOSED NUMBER OF STORIES ABOVE GRADE PLANE
S-1 BUILDING 1	S	75'-0"	3 STORY	49'-0"	1 STORY
S-1 BUILDING 2	S	75'-0"	3 STORY	49'-0"	1 STORY
S-1 BUILDING 3	S	75'-0"	3 STORY	49'-0"	1 STORY
S-1 BUILDING 4	S	75'-0"	3 STORY	49'-0"	1 STORY

ALLOWABLE BUILDING AREA:

UNLIMITED AREA ALLOWED PER **507.4**
W/ AUTOMATIC SPRINKLER AND OPEN YARDS GREATER THAN 60 FEET ON ALL SIDES

PROPOSED TOTAL BUILDING 1 AREA: **257,580** SF
PROPOSED TOTAL BUILDING 2 AREA: **192,780** SF
PROPOSED TOTAL BUILDING 3 AREA: **180,360** SF
PROPOSED TOTAL BUILDING 4 AREA: **874,720** SF

PROPOSED TOTAL BUILDING AREA: **1,505,440** SF

ASSESSOR'S PARCEL NO: XXXX-XXX-XXX

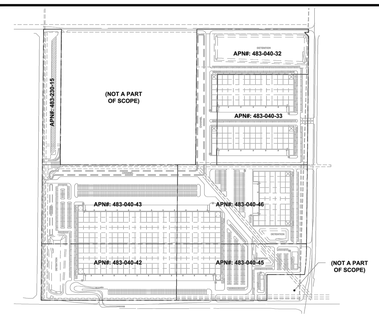
CHAPTER 6 - TYPES OF CONSTRUCTION:

TYPE OF CONSTRUCTION: (602) TYPE **III-B**
(FULLY SPRINKLERED THROUGHOUT)

FIRE RESISTANCE RATING REQUIREMENTS FOR:

BUILDING ELEMENTS	(TABLE 601)
STRUCTURAL FRAME	**0** HR.
EXTERIOR BEARING WALLS	**2** HR.
INTERIOR BEARING WALLS	**0** HR.
EXTERIOR NON-BEARING WALLS	SEE (TABLE 602)
INTERIOR NON-BEARING WALLS	**0** HR.
FLOORS	**0** HR.
ROOF	**0** HR.

PARCEL NUMBER



CHAPTER 9 - FIRE PROTECTION SYSTEMS:

(903.3.1.1) AUTOMATIC SPRINKLER SYSTEM WILL BE PROVIDED.

(903.4) AUTOMATIC SPRINKLER SYSTEM MONITORING AND ALARMS WILL BE PROVIDED.

E.S.F.R. (EARLY SUPPRESSION FAST-RESPONSE) AUTOMATIC FIRE PREVENTION SPRINKLER SYSTEM PROVIDED THROUGHOUT.
SPRINKLER DESIGN AND CALCULATIONS TO BE SUBMITTED UNDER SEPARATE PERMIT.

(910.2) EXCEPTION 2: SMOKE AND HEAT VENTS NOT REQUIRED WHERE E.S.F.R. SPRINKLER SYSTEM IS PROVIDED

STATISTIC

PROJECT DATA:

SITE AREA:
GROSS: 114.80 AC
5,000,879 SF
DETENTION: @ 8% 425,035 SF
NET: 105.05 AC
4,575,844 SF

BUILDING AREA:	OFFICE	FOOTPRINT:
IND. BUILDING 1	25,758 SF	257,580 SF
IND. BUILDING 2	19,278 SF	192,780 SF
IND. BUILDING 3	18,036 SF	180,360 SF
IND. BUILDING 4	87,472 SF	874,720 SF
QSR 1		5,570 SF
QSR 2		3,840 SF
TOTAL:	150,544 SF	1,514,850 SF

COVERAGE:
GROSS: 30%
NET: 33%

BUILDING 1
DOCK-HIGH DOORS 43
GRADE-LEVEL DOORS 2
PARKING REQUIRED:
WAREHOUSE
1ST 10,000 SF 1/1000 SF 10 STALLS
>10,000 SF 1/3000 SF 74 STALLS
OFFICE 1/250 SF 104 STALLS
TOTAL 188 STALLS
PARKING PROVIDED: 244 STALLS
@0.95/1000 SF
REQ. ACCESSIBLE *7 STALLS*
REQ. EV CAPABLE 49 STALLS
REQ. EV CHARGING STATION (EVCS) 13 STALLS
REQ. VAN ACC EVCS 1 STALLS
REQ. STANDARD ACC EVCS 1 STALLS
REQ. AMBULATORY EVCS 0 STALLS

BUILDING 2
DOCK-HIGH DOORS 43
GRADE-LEVEL DOORS 2
PARKING REQUIRED:
WAREHOUSE
1ST 10,000 SF 1/1000 SF 10 STALLS
>10,000 SF 1/3000 SF 55 STALLS
OFFICE 1/250 SF 78 STALLS
TOTAL 143 STALLS
PARKING PROVIDED: 143 STALLS
@0.74/1000 SF
REQ. ACCESSIBLE *5 STALLS*
REQ. EV CAPABLE 25 STALLS
REQ. EV CHARGING STATION (EVCS) 6 STALLS
REQ. VAN ACC EVCS 1 STALLS
REQ. STANDARD ACC EVCS 1 STALLS
REQ. AMBULATORY EVCS 0 STALLS

BUILDING 3
DOCK-HIGH DOORS 18
GRADE-LEVEL DOORS 2
PARKING REQUIRED:
WAREHOUSE
1ST 10,000 SF 1/1000 SF 10 STALLS
>10,000 SF 1/3000 SF 51 STALLS
OFFICE 1/250 SF 73 STALLS
TOTAL 134 STALLS
PARKING PROVIDED: 140 STALLS
@0.78/1000 SF
REQ. ACCESSIBLE *5 STALLS*
TRAILER: *89 STALLS*
REQ. EV CAPABLE 25 STALLS
REQ. EV CHARGING STATION (EVCS) 6 STALLS
REQ. VAN ACC EVCS 1 STALLS
REQ. STANDARD ACC EVCS 1 STALLS
REQ. AMBULATORY EVCS 0 STALLS

BUILDING 4
DOCK-HIGH DOORS 151
GRADE-LEVEL DOORS 4
PARKING REQUIRED:
WAREHOUSE
1ST 10,000 SF 1/1000 SF 10 STALLS
>10,000 SF 1/3000 SF 260 STALLS
OFFICE 1/250 SF 350 STALLS
TOTAL 620 STALLS
PARKING PROVIDED: 666 STALLS
@0.76/1000 SF
REQ. ACCESSIBLE *13 STALLS*
TRAILER: *275 STALLS*
REQ. EV CAPABLE 133 STALLS
REQ. EV CHARGING STATION (EVCS) 34 STALLS
REQ. VAN ACC EVCS 1 STALLS
REQ. STANDARD ACC EVCS 1 STALLS
REQ. AMBULATORY EVCS 1 STALLS

DEVELOPMENT STANDARDS:

ZONING: M-2 PD H
MAX. HEIGHT: 49 FT

BUILDING SETBACKS:
FRONT: 40 FT
SIDE: 0 FT
REAR: 0 FT

LANDSCAPE REQUIRED PERCENTAGE : 5%
LANDSCAPE REQUIRED SQUARE FEET : 250,044
LANDSCAPE PROVIDED PERCENTAGE : 19.4%
LANDSCAPE PROVIDED SQUARE FEET : 971,770 S.F. (22.3 acres)

OFF-STREET PARKING:

STANDARD:	9X20
COMPACT:	8X16
TRAILER STALLS	12X55
COMPACT %:	20%
DRIVE AISLE:	25 FT
OVERHANG:	2 FT
TREE WELL:	4 FT

FACILITY IMPROVEMENTS

Water: Oildale Mutual Water Co.

Sewer: NORSD

TRAILER YARD
TRAILER: *72 STALLS*

QSR 1
PARKING REQUIRED:
RESTAURANT 1/75 SF 75 STALLS

PARKING PROVIDED: 75 STALLS
REQ. ACCESSIBLE *3 STALLS*
REQ. EV CAPABLE 13 STALLS
REQ. EV CHARGING STATION (EVCS) 3 STALLS
REQ. VAN ACC EVCS 1 STALLS
REQ. STANDARD ACC EVCS 0 STALLS
REQ. AMBULATORY EVCS 0 STALLS

QSR 2
PARKING REQUIRED:
RESTAURANT 1/75 SF 52 STALLS
TOTAL 52 STALLS

PARKING PROVIDED: 60 STALLS
REQ. ACCESSIBLE *3 STALLS*
REQ. EV CAPABLE 13 STALLS
REQ. EV CHARGING STATION (EVCS) 3 STALLS
REQ. VAN ACC EVCS 1 STALLS
REQ. STANDARD ACC EVCS 0 STALLS
REQ. AMBULATORY EVCS 0 STALLS

LEGAL DESCRIPTION
BEING ALL OF PARCELS 4B AND 6B OF LOT LINE ADJUSTMENT No. 36-92 PER CERTIFICATE OF COMPLIANCE RECORDED JULY 28, 1993 IN BOOK 6883, PAGE 1624 AND LOTS 2, 3 AND 4 OF LOT LINE ADJUSTMENT No. 56-18 RECORDED JULY 23, 2020 AS DOCUMENT No. 220096889, BOTH OF OFFICIAL RECORDS, IN THE OFFICE OF THE KERN COUNTY RECORDER, ALSO BEING A PORTION OF THE SOUTHWEST QUARTER OF SECTION 35, TOWNSHIP 28 SOUTH, RANGE 27 EAST, M.D.M., IN THE UNINCORPORATED AREA OF THE COUNTY OF KERN, STATE OF CALIFORNIA CONTAINING 114.80 ACRES, MORE OR LESS.

PARCEL NUMBER:

APN#: 483-040-42 APN#: 483-040-43
APN#: 483-040-45 APN#: 483-040-46
APN#: 483-040-33 APN#: 483-040-32
APN#: 483-230-15

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AIRPORT DRIVE
BAKERSFIELD, CA 93308

TITLE SHEET

DATE	REMARKS

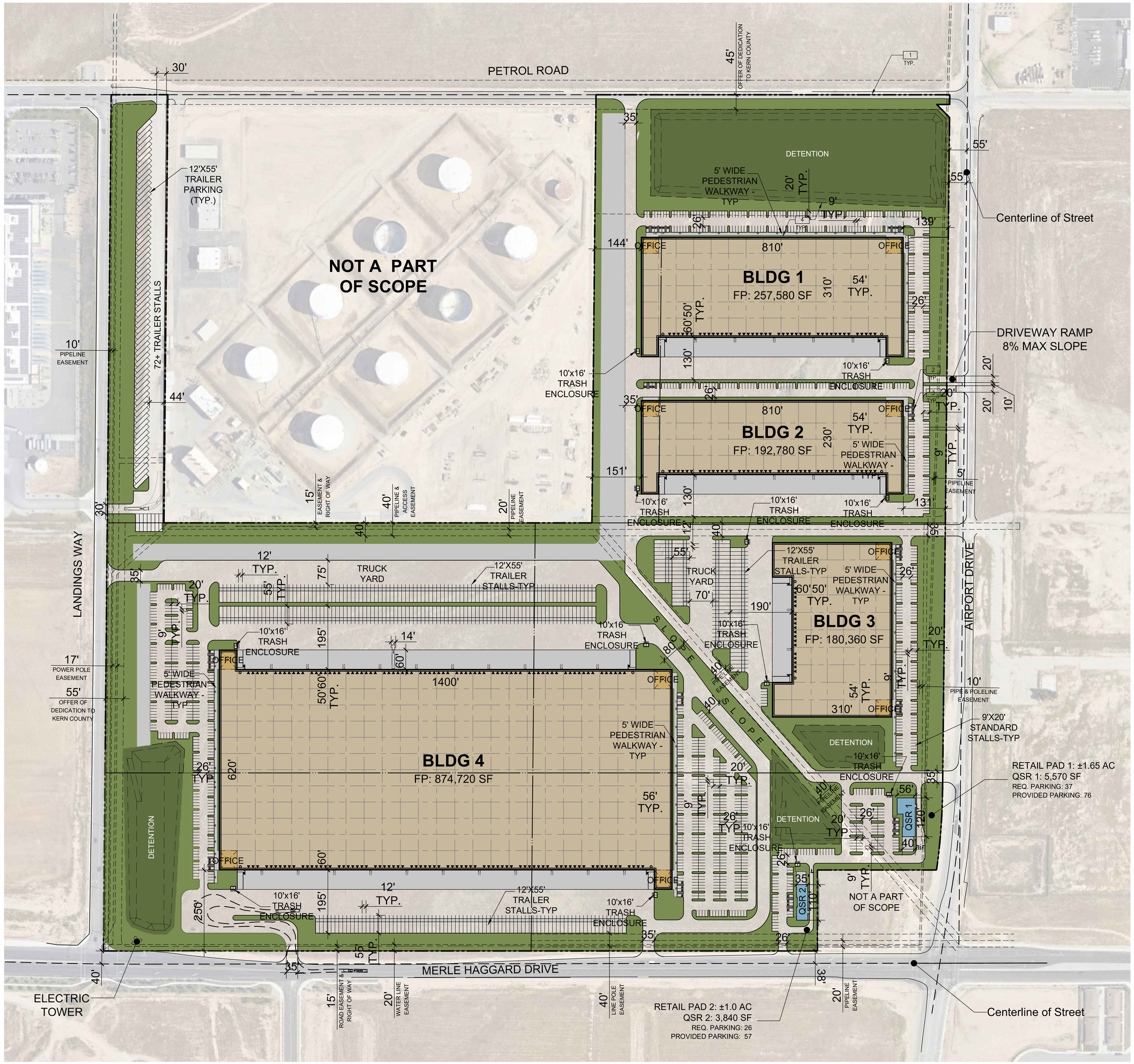
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1" =128'
0 10 20 40 100

SITE PLAN
SCALE: 1" =128'

SITE PLAN NOTES

SEE SHEET A0.2 FOR GENERAL NOTES

1. PROPERTY LINE. (—— · · ——)
2. ACCESSIBLE PARKING STALL WITH SIGNAGE.
3. VAN ACCESSIBLE PARKING STALL WITH SIGNAGE.
4. PAINTED PARKING STRIPING PER CITY STANDARDS.

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SITE PLAN	DATE	REMARKS

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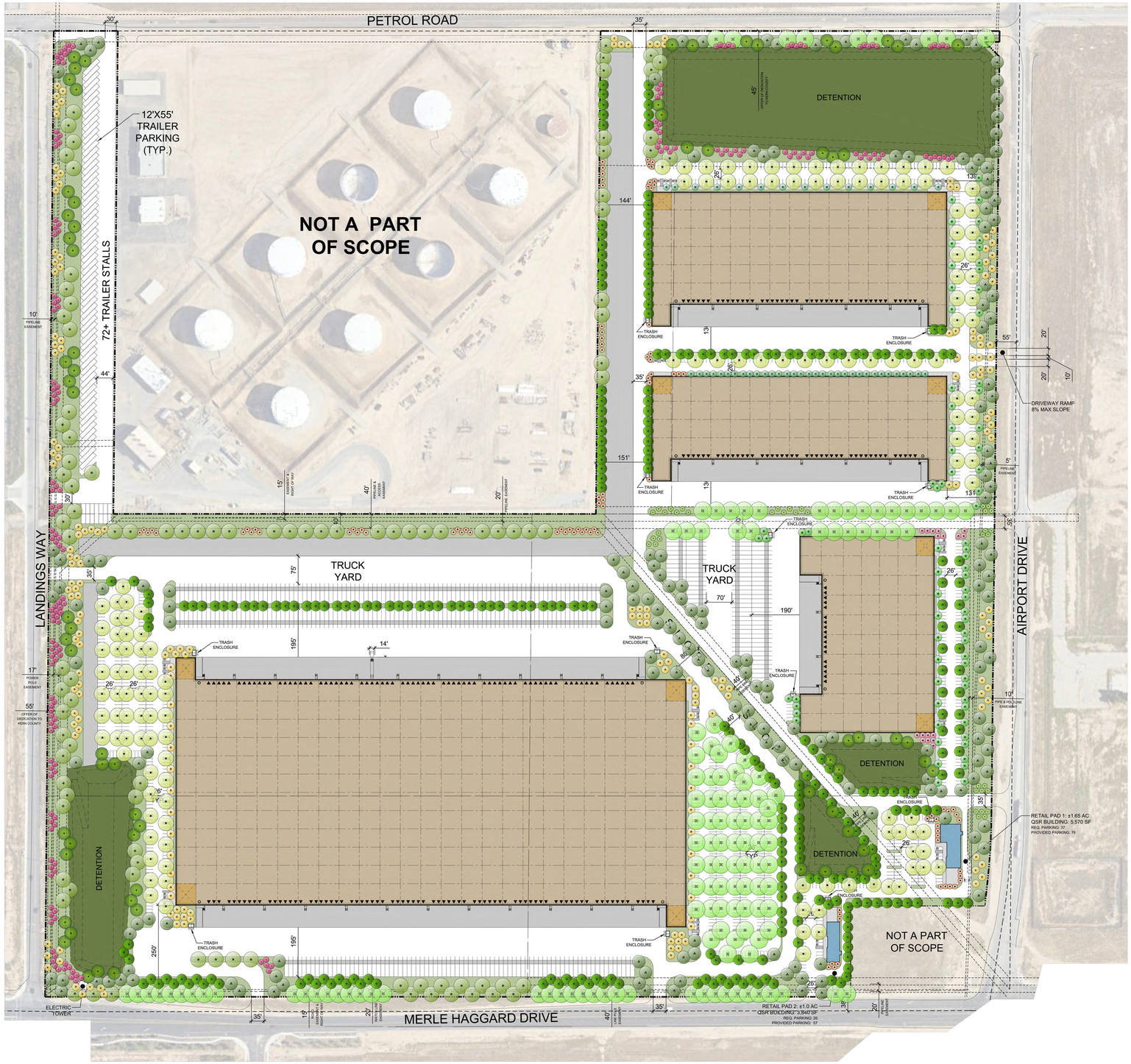
PLANT LEGEND

SYMBOL	WUCOLS	BOTANICAL NAME	COMMON NAME	SIZE
TREES				
	M	ARBUTUS 'MARINA'	MARINA ARBUTUS	24" BOX
	VL	CERCIS OCCIDENTALIS	WESTERN RED BUD	24" BOX
	L	CERCIDIUM 'DESERT MUSEUM'	DESERT MUSEUM PALO VERDE - LOW BRANCHING	24" BOX
	VL	CHILOPSIS LINEARIS	DESERT WILLOW	24" BOX
	M	ELAEOCARPUS DECIPENS	JAPANESE BLUEBERRY	24" BOX
	L	LAGERSTROEMIA INDICA 'MUSKOGEE'	LAVENDAR CRAPE MYRTLE	24" BOX
	L	LAURUS NOBILIS	SWEET BAY TREE	24" BOX
	M	MAGNOLIA GRANDIFLORA 'SAMUEL SOMERS'	SAMUEL SOMERS MAGNOLIA	24" BOX
	L	PISTACIA CHINENSIS	CHINESE PISTACHE	24" BOX
	M	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE	24" BOX
	M	PYRUS CALLERYANA 'ARISTOCRAT'	ARISTOCRAT PEAR	24" BOX
	VL	QUERCUS AGRIFOLIA	COAST LIVE OAK	24" & 36" BOX
	L	QUERCUS ILEX	HOLLY OAK	24" & 36" BOX
	M	ULMUS PARVIFOLIA	CHINESE ELM	24" BOX
SHRUBS				
	L	ABELIA G. 'SHERWOODII'	ABELIA	5 GAL.
	L	ARBUTUS UNEDO	STRAWBERRY TREE- COLUMNAR SHAPED	5 GAL.
	M	BUXUS 'GREEN BEAUTY'	GREEN BEAUTY BOXWOOD	5 GAL.
	L	CALLISTEMON 'BETTER JOHN'	DWARF BOTTLE BRUSH	5 GAL.
	L	CEANOTHUS GRISEUS HOR. 'YANKEE POINT'	YANKEE POINT CEANOTHUS	5 GAL.
	L	CISTUS PURPUREUS	ORCHID ROCKROSE	5 GAL.
	L	DIETES GRANDIFLORA 'VARIEGATA'	STRIPED FORTNIGHT LILY	5 GAL.
	L	HEMEROCALLIS SPP. 'STELLA DE ORO'	DAY LILY- YELLOW	1 GAL.
	L	LIGUSTRUM J. 'TEXANUM'	WAXLEAF PRIVET	5 GAL.
	M	LOROPETALUM CHINENSIS 'PIPA'S RED'	PIPA'S RED FRINGE FLOWER	5 GAL.
	L	MYRTUS COMMUNIS 'COMPACTA'	DWARF MYRTLE	5 GAL.
	L	PHORMIUM TENAX 'BRONZE BABY'	DWARF PURPLE NEW ZEALAND FLAX	5 GAL.
	L	PHOTINIA FRASERI	RED PHOTINIA	5 GAL.
	L	PITTOSPORUM TOBIRA TURNERS VARIEG. DWARF	DWARF VARIEGATED PITTOSPORUM	5 GAL.
	L	RHAMNUS CALIFORNICA 'EVE CASE'	COFFEEBERRY	5 GAL.
	L	RHAPHIOLEPIS INDICA 'PINK LADY'	PINK LADY INDIAN HAWTHORNE	5 GAL.
	L	ROSA SPP 'WHITE CARPET'	WHITE CARPET ROSE	5 GAL.
	L	ROSA FLORIBUNDA 'ICEBERG'	ICEBERG WHITE ROSE	5 GAL.
	L	ROSA x 'NOARE'	RED CARPET ROSE	5 GAL.
	M	TRACHELOSPERMUM ASIATICUM	ASIAN STAR JASMINE	1 GAL.
GROUNDCOVERS				
	M	ARCTOSTAPHYLOS EDMUNDSII 'CARMEL SUR'	LITTLE SUR MANZANITA	1 GAL. @ 36" O.C.
	L	MYOPORUM PARVIFOLIUM 'PUTAH CREEK'	CREEPING MYOPORUM	1 GAL. @ 36" O.C.
	L	ROSMARINUS OFFICINALIS 'COLLINGWOOD INGRAM'	ROSEMARY	1 GAL. @ 36" O.C.
	L	WESTRINGIA FRUTICOSA MUNDI'	LOW COAST ROSEMARY	1 GAL. @ 36" O.C.
DETENTION BASIN PLANTS				
	M	CALAMAGROSTIS x ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS	1 GAL. @ 36" O.C.
	M	CAREX PRAEGRACILIS	CALIFORNIA FIELD SEDGE	1 GAL. @ 36" O.C.
	M	ELEOCHARIS MACROSTACHYA	COMMON SPIKE RUSH	1 GAL. @ 36" O.C.
	M	ELYMUS TRITICOIDES	CREEPING WILD RYE	1 GAL. @ 36" O.C.
	M	FESTUCA RUBRA	RED FESCUE	1 GAL. @ 36" O.C.
	M	JUNCUS PATENS	CALIFORNIS GREY RUSH	1 GAL. @ 36" O.C.
	M	SESLERIA AUTUMNALIS	AUTUMN MOOR GRASS	1 GAL. @ 36" O.C.

MULCH NOTE:
ALL SHRUB AREAS TO RECEIVE A 3" LAYER OF 'FOREST FLOOR' WOOD MULCH UNDER SHRUBS, AND 1 ½" LAYER UNDER GROUND COVERS. MULCH SHALL BE SPREAD EVENLY THROUGHOUT ALL SHRUB PLANTER AREAS AFTER PLANTING SHRUBS.

NOTE

WHERE PARKING SPACES ABUT A PUBLIC STREET OR ROAD, A 30" HIGH LANDSCAPE BERM WITH SHRUBS SHALL BE PROVIDED TO SCREEN HEADLIGHT GLARE.



1" =128'
0 10 20 40 100

LANDSCAPE PLAN
SCALE: 1" =128'

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LANDSCAPE PLAN

DATE	REMARKS

DATE	REMARKS

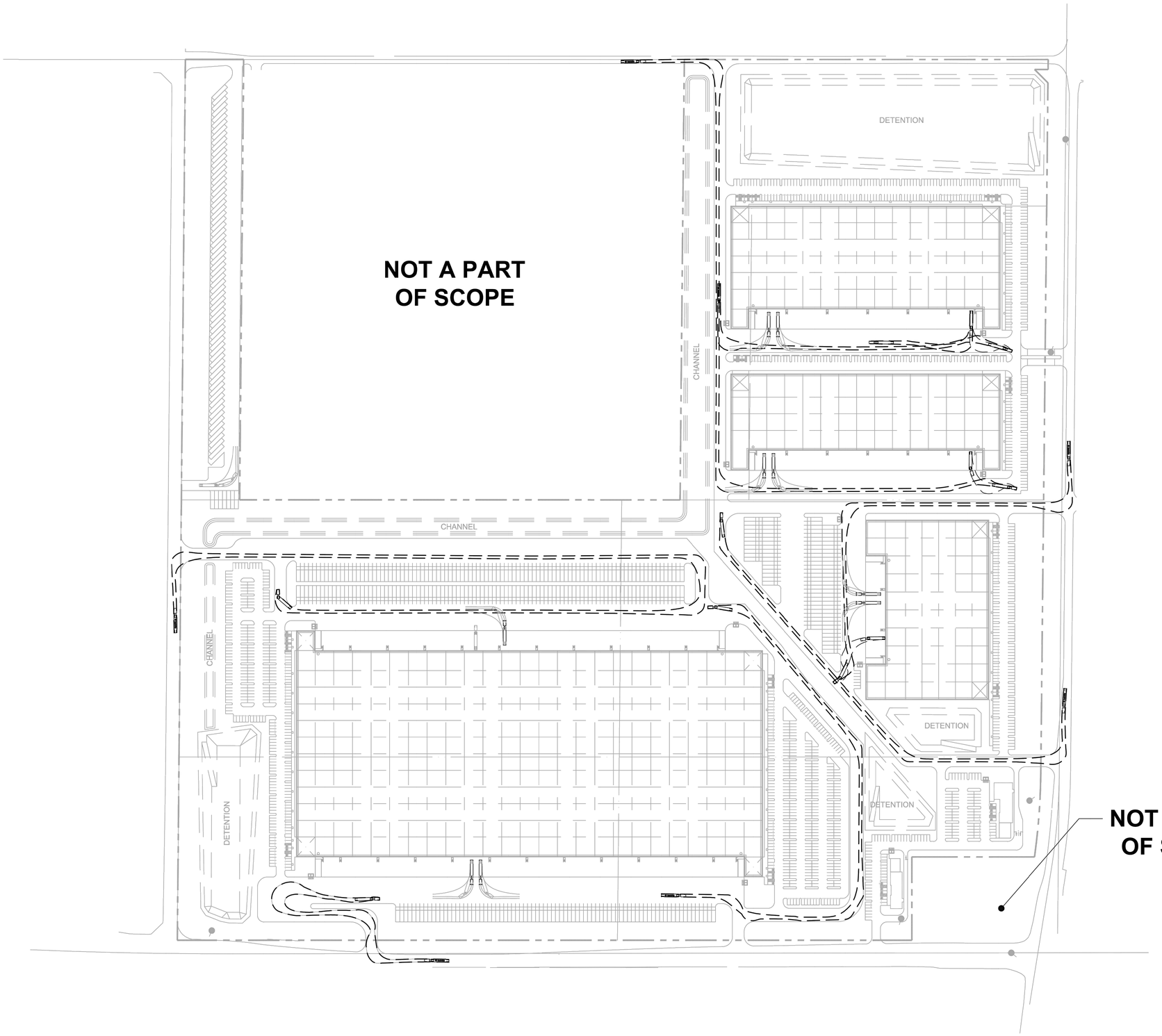
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TRUCK MANEUVERABILITY EXHIBIT
SCALE: 1" =128'

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Appendix B

Airport Commerce Center
Industrial Project Description

FIRSTCARBONSOLUTIONS™

Project Description
Airport Commerce Center Industrial Project
Unincorporated Kern County, California

Project Applicant:
Bakersfield 239 Partners, LP
1200 Morningside Mountain Drive
Glen Ellen, CA 95442

Contact: Bryce Holman

Lead Agency:
Kern County Planning and Natural Resources Department
2700 M Street 100
Bakersfield, CA 93301-2370
661.862.8600

Prepared by:
FirstCarbon Solutions
7726 N. First Street, #413
Fresno, CA 93720

Date: February 28, 2024
Revised: March 1, 2024
Revised: March 20, 2024

SECTION 1: INTRODUCTION

1.1 - Project Location

The project site is located in unincorporated Kern County, California (Exhibit 1). Bakersfield is bordered by Seqouia National Park to the east, active farmland to the north and south, and undeveloped land to the west. Bakersfield is the largest city in Kern County (County), with approximately 408,373 residents as of January 2023.[1]

The project site encompasses approximately 114.8 gross acres and is located north of Merle Haggard Drive, south of Petrol Road, and between Landings Way and Airport Drive, on seven adjoining parcels associated with Assessor's Parcel Numbers (APNs) 483-040-29, -32, -33, -42, -43, -45, and -46.[2] The project site is located within the *Oildale, California* United States Geological Survey (USGS) 7.5-minute Topographic Quadrangle Map.[3] State Route (SR) 65 is located approximately 1.54 miles west of the site, and SR-99 is located approximately 2.19 miles west of the site. Regional access is provided via the Merle Haggard Drive exit of SR-65 and the 7th Standard Road/Merle Haggard Drive exit of SR-99. Local access to the project site is provided by Petrol Road, Airport Drive, Merle Haggard Drive, and Landings Way (Exhibit 2).

1.2 - Environmental Setting

The project site is surrounded by a mix of vacant land and logistics, industrial, and residential uses. The Bakersfield Tank Farm for the Shell Pipeline Company LP is located immediately north-northwest of the project site. Vacant land and residential development border the project site beyond Petrol Road. Vacant land which appears to have been previously disturbed is located to the east beyond Airport Drive. Vacant land with a drainage feature is located immediately to the southwest corner. Beyond the intersection of Merle Haggard Drive and Airport Drive is a residential development. Meadows Field Airport is located to the south and southeast of the site across Merle Haggard Drive. Vacant land and an Amazon logistics fulfillment facility are located to the west-northwest of the project site beyond Landings Way. The project site consists of vacant land transected by a drainage feature extending in a northeast to southwest direction.

Project parcels associated with APNs 483-040-29, -32, -33, -42, -43, -45, and -46 are designated existing land use of Service Industrial (SI), and APN 483-040-45 is designated as General Commercial (GC), according to the Metropolitan Bakersfield General Plan.[4] The project site is zoned Light Industrial, Airport Approach Height Combining, Precise Development Combining (M-1 PD H), Flood Plane Primary (FPP), and Medium Industrial, Airport Approach Height Combining, Precise

[1] California Department of Finance (CDF). 2023. Populations and Housing Estimates for Cities, Counties, and the State – January 1, 2022 and 2023. Website: https://dof.ca.gov/forecasting/demographics/estimates-e1/. Accessed August 8, 2023.

[2] Kern County Planning and Natural Resources Department. 2023. Interactive County Map. Website: https://maps.kerncounty.com/H5/index.html?viewer=KCPublic. Accessed August 8, 2023.

[3] United States Geological Survey (USGS). 2023. The National Map. Website: https://apps.nationalmap.gov/viewer/. Accessed August 8, 2023.

[4] City of Bakersfield. 2023. Planning and Land Use Map Viewer. Website: https://cob.maps.arcgis.com/apps/webappviewer/index.html?id=9fbb25e825e3425a84e7dea631e42f7b. Accessed August 8, 2023.

Development Combining (M-2 PD H), according to the Kern County Zoning Ordinance.[5] The proposed project site is located approximately 3,700 feet to the northeast of the Meadows Field Airport. The Kern County Airport Land Use Compatibility Plan designates the site for commercial/industrial land use. The project site is outside of the 60 Community Noise Equivalent Level (CNEL) contour for the airport.[6] Table 1, below, summarizes the existing land uses, Metropolitan Bakersfield General Plan designations, and zoning classification for the project site and surrounding area by parcel.

Table 1: Project Site and Surrounding Existing Use, General Land Use Designation, and Zoning Classification

	APN	Existing Land Use	Existing Land Use Designation	Existing Zone Classification
Project Site	483-040-29	Vacant/Undeveloped, Unpaved Beach Avenue	Service Industrial (SI)	Medium Industrial, Airport Approach Height Combining, Precise Development Combining (M-2 PD H)
Project Site	483-040-32	Vacant/Undeveloped	Service Industrial (SI)	Medium Industrial, Airport Approach Height Combining, Precise Development Combining (M-2 PD H); Flood Plain Primary (FPP)
Project Site	483-040-33	Vacant/Undeveloped	Service Industrial (SI)	Medium Industrial, Airport Approach Height Combining, Precise Development Combining (M-2 PD H); Flood Plain Primary (FPP)
Project Site	483-040-42	Vacant/Undeveloped	Service Industrial (SI)	Medium Industrial, Airport Approach Height Combining, Precise Development Combining (M-2 PD H); Flood Plain Primary (FPP)
Project Site	483-040-43	Vacant/Undeveloped	Service Industrial (SI)	Medium Industrial, Airport Approach Height Combining, Precise Development Combining (M-2 PD H); Flood Plain Primary (FPP)
Project Site	483-040-45	Vacant/Undeveloped	Service Industrial (SI), General Commercial (GC)	Light Industrial, Airport Approach Height Combining, Precise

[5] Kern County Planning and Natural Resources Department. 2023. Interactive County Map. Website: https://maps.kerncounty.com/H5/index.html?viewer=KCPublic. Accessed August 8, 2023.

[6] Kern County. 2012. Airport Land Use Compatibility Plan. Website: https://www.shafter.com/DocumentCenter/View/5050/Airport-Land-Use-Compatibility-Plan. Accessed August 9, 2023.

	APN	Existing Land Use	Existing Land Use Designation	Existing Zone Classification
				Development Combining (M-1 PD H)
Project Site	483-040-46	Vacant/Undeveloped	Service Industrial (SI)	Medium Industrial, Airport Approach Height Combining, Precise Development Combining (M-2 PD H); Flood Plain Primary (FPP); Limited Agriculture (A-1)
North		Vacant, Undeveloped, Light Industrial	Service Industrial (SI)	Medium Industrial, Airport Approach Height Combining, Precise Development Combining (M-2 PD H)
East		Vacant/Undeveloped, Residential, Recreation	Low Medium Density Residential (LMR) (4-10 du/ac), Service Industrial (SI), General Commercial (GC)	Natural Resource 20 Acres (NR 20), General Commercial, Precise Development Combining (C-2 PD), Low Density Residential (R-1), General Commercial, Precise Development Combining (C-2 PD)
South		Vacant/Undeveloped, Light Industrial, Residential	Service Industrial (SI), Light Industrial (LI), Public Transportation Corridors (PT), General Commercial (GC)	Medium Industrial, Airport Approach Height Combining, Precise Development Combining (M-2 PD H), Light Industrial, Airport Approach Height Combining, Precise Development Combining (M-1 PD H), Medium Industrial, Airport Approach Height Combining (M-2 H)
West		Vacant/Undeveloped, Amazon Fulfillment Center BFL1, Meadows Field Airport	Service Industrial (SI), Public Transportation Corridors (PT),	Medium Industrial, Airport Approach Height Combining, Precise Development Combining (M-2 PD H), Exclusive Agriculture (A)

Sources:

[1] Kern County Planning and Natural Resources Department. 2023. Interactive County Map. Website: https://maps.kerncounty.com/H5/index.html?viewer=KCPublic. Accessed August 8, 2023.

[2] City of Bakersfield. 2023. Planning and Land Use Map Viewer. Website: https://cob.maps.arcgis.com/apps/webappviewer/index.html?id=9fbb25e825e3425a84e7dea631e42f7b. Accessed August 8, 2023.

1.3 - Project Description

Bakersfield 239 Partners, LP (Applicant) proposes to develop four single-story industrial buildings totaling 1,505,440 square feet, consisting of 625,446 square feet of warehouse, 393,624 square feet of cold storage, 335,826 square feet of industrial manufacturing or assembly and 150,544 square feet of office, along with two retail buildings totaling 9,410 square feet. Building 1 would have a footprint of 257,580 square feet with 231, 822 square feet of warehouse and 25,758 square feet of office, 43 dock-high doors, two grade-level doors, and 244 parking stalls (inclusive of seven accessible stalls). Building 2 would have a footprint of 192,780 square feet with 173,502 of industrial manufacturing or assembly (food or beverage products) and 19,278 square feet of office, 43 dock-high doors, two grade-level doors, and 143 parking stalls (inclusive of five accessible stalls). Building 3 would have a footprint of 180,360 square feet with 162,324 square feet of industrial manufacturing or assembly (food or beverage products) and 18,036 square feet of office, 18 dock-high doors, two grade-level doors, 140 parking stalls (inclusive of five accessible stalls), and 89 trailer stalls. Building 4 would have a footprint of 874,720 square feet with 393,624 square feet of warehouse, 393,624 square feet of cold storage and 87,472 square feet of office, 151 dock-high doors, four grade-level doors, 666 parking stalls (inclusive of 13 accessible stalls), and 283 trailer stalls. Retail Pad 1 would be 1.65 acres in size and would include a building with a footprint of 5,570 square feet with 75 parking stalls. Retail Pad 2 would consist of 1 acre and include a building with a footprint of 3,840 square feet with 60 parking stalls. The proposed project would also include a trailer yard with 72 additional trailer stalls along the northwest border of the site (Exhibit 3).

1.3.1 - Roadway Improvements

The proposed project would include a total of approximately 11.36 acres of improved and built roadways, which consists of frontage areas that are to be paved and improved as part of the proposed project. Portions of this area would also be dedicated to the County(Exhibit 4). The proposed project would include the construction of one 30-foot and one 35-foot driveway along Petrol Road, two 20-foot driveways separated by a 10-foot median, as well as two additional 35-foot driveways along Airport Drive, two 35-foot and one 26 foot driveway along Merle Haggard Drive, and one 30-foot and one 35-foot driveway along Landings Way, each of which would include paving, curb and gutter improvements. An existing 10-inch sewer main and 24-inch water line installed in Merle Haggard Drive would be extended to the site for service to the proposed project. Water would be provided by Oildale Mutual Water, and sewer would be provided by North of River Sanitary District. Public fire hydrants would be provided on project frontages to adhere to Kern County spacing requirements.

1.3.2 - Site Access and Circulation

The proposed project would provide a total of 1,187 automobile stalls, including 30 Americans with Disabilities Act (ADA) stalls, for the four warehouse buildings, which would be located throughout the site. The proposed project would also include 444 trailer stalls, 72 of which would be in a trailer truck yard located at the northwest corner of the site. Access to the site would be provided via two 20-foot (right-in and right-out) and two 35-foot driveways along Airport Drive, two 35-foot and one 26-foot driveway along Merle Haggard Drive, and one 30-foot and one 35-foot driveway along

Landings Way. The proposed project would include a minimum of 26-foot-wide fire lane around all sides of the buildings for emergency access. Drive aisles would be 35 feet in some areas of the site.

1.3.3 - Fencing

The site would include a chain-link fence which would surround the entire site.

1.3.4 - Design and Appearance

The proposed industrial buildings would be tilt-up panel construction for the main portion of building massing, with further articulation and refinement at the corner office conditions. Design and appearance of the buildings would utilize materials and color that would follow Kern County design guidelines and contextual examples to create a campus that is visually compatible with the surrounding area. Buildings would be designed with a maximum height ranging from 41 to 44 feet (Exhibit 3 and Exhibit 5a-c). The proposed buildings would be energy efficient and would meet the California Green Building Standards Code (CALGreen) Title 24 requirements, including finish specifications such as low-volatile organic compound (low-VOC) paint, etc. The proposed retail buildings would be designed in accordance with similar quick-service restaurant (QSR) and retail uses along the corridor.

The proposed retail buildings would be wood frame or metal construction, with a maximum height of approximately20 feet. Design and appearance of the buildings would utilize materials and color that would follow Kern County design guidelines and contextual examples to integrate with both the industrial campus as well as the surrounding area.

1.3.5 - Landscaping

The proposed project would include a landscaped area of approximately 971,770 square feet around the perimeter and throughout parking areas.

The proposed project would include drought-tolerant plants and would employ a low-flow irrigation system to ensure that water efficiency would meet or surpass the current State-mandated Assembly Bill (AB) 1881 Water Efficient Landscape Ordinance and Kern County Municipal Code 19.86.065, which is included under Section 19.86, Landscaping. [8]

1.3.6 - Lighting

The surface parking provided throughout would be fully illuminated at all times (while maintaining compliance with applicable dark skies ordinances), ensuring a safe and secure site for employees and the public alike. The site lighting would be installed in accordance with applicable State and local Kern County codes, standards, and requirements. All proposed site lighting would consist of light-emitting diode (LED) bulbs in accordance with Title 24 requirements.

[8] Kern County Department of Planning and Natural Resources. 2023. Kern County, California Municipal Code. Ordinance 19.86.065. Website:https://library.municode.com/ca/kern_county/codes/code_of_ordinances?nodeId=TIT19ZO_CH19.86LA_19.86.065LAIRPLATEFGU. Accessed August 8, 2023.

Standard Conditions

Standard Conditions, as required by CALGreen, are identified throughout this document and applied where appropriate.

1.3.7 - Storm Drainage

Detention basins would be provided to accommodate storm events as specified in the County design guidelines. A Hydrology Study and Drainage Report would also be prepared in compliance with these guidelines. The proposed project would be designed to conform to the requirements of the Kern County Hydrology Manual and Central Valley Regional Water Quality Control Board (Central Valley RWQCB) Order No. R8-2002-0012 (National Pollutant Discharge Elimination System [NPDES] Permit No. CAS618036), and relevant design would be documented in technical report formats (i.e., Hydrology Study and Drainage Report).

The proposed project would construct four detention basins totaling 425,033 square feet. Detention basins would be located throughout the site. One basin would be located on the northern border of the proposed project site fronting Petrol Road. Two would be located in the southeastern corner of the proposed project site between Buildings 3 and 4, and one would be located on the southwest corner fronting Landings Way. The proposed project would install an on-site storm drain system consisting of ribbon gutters, catch basin inlets, and underground pipes. Runoff would be directed toward underground infiltration basins located within the parking areas around the site. Stormwater quality low-flows from the site are expected to be retained and infiltrated into the native soil while the excess overflow would be released toward Airport Drive. In terms of drainage and stormwater quality, the proposed project would be designed to conform to the requirements of Kern County Hydrology Manual, and Central Valley RWQCB Order No. R8-2002-0012 (NPDES Permit No. CAS618036) and relevant design would be documented in technical report formats (i.e., Water Quality Management Plan [WQMP] and Drainage Report).

1.3.8 - Wastewater

The project site would be served by existing sewer in Merle Haggard Drive and Landings Way. Wastewater service would be provided by North of River Sanitary District.

1.3.9 - Natural Gas

The project site would not require natural gas; the buildings would all be electrically operated.

1.3.10 - Electricity

The proposed project would be served by existing electricity poles located around the site. The proposed project would be all electrically operated. Electricity would be provided by the Pacific Gas and Electric Company (PG&E).

1.3.11 - Phasing and Construction

Construction of the proposed project's on-site and off-site roadway improvements is estimated to be completed in four overlapping phases; site preparation and grading would be encompassed within these timeframes. Construction is assumed to occur 7 days a week.

- Building 4 is planned to start construction in September 2025 and conclude in March 2027.
- Construction of Buildings 1 and 2 would start in January 2026 and conclude in March 2027.
- Construction of Building 3 would start in September 2026 and conclude in December 2027.
- Construction of off-site improvements would start in September 2025 and conclude in March 2027.
- Construction of the retail buildings would start in June 2025 and conclude in March 2026.

The proposed project is expected to be operational in December 2027.

1.3.12 - Operation and Employment

Industrial Buildings

Hours of operation for the proposed industrial buildings would vary depending on the future tenants that occupy the project. Hours of operation could be up to 24 hours a day, 7 days a week if multiple shifts are required. Operational activities within the project site would comply with the permitted uses of M-2 PD H zones, as described in the Kern County Municipal Code. The exact activities undertaken would depend on the tenants that occupy the buildings. For the purposes of this analysis, the industrial portion of the proposed project would consist of 625,446 square feet of warehouse, 393,624 square feet of cold storage, 335,826 square feet of industrial manufacturing or assembly and 150,544 square feet of office. Building 1 would have a footprint of 257,580 square feet with 231, 822 square feet of warehouse and 25,758 square feet of office. Building 2 would have a footprint of 192,780 square feet with 173,502 of industrial manufacturing or assembly (food or beverage products) and 19,278 square feet of office. Building 3 would have a footprint of 180,360 square feet with 162,324 square feet of industrial manufacturing or assembly (food or beverage products) and 18,036 square feet of office. Building 4 would have a footprint of 874,720 square feet with 393,624 square feet of warehouse, 393,624 square feet of cold storage and 87,472 square feet of office.

The proposed project would employ approximately 532 employees on-site during operations. During construction, there would be a maximum of 100 employees on-site per day.

Retail Buildings

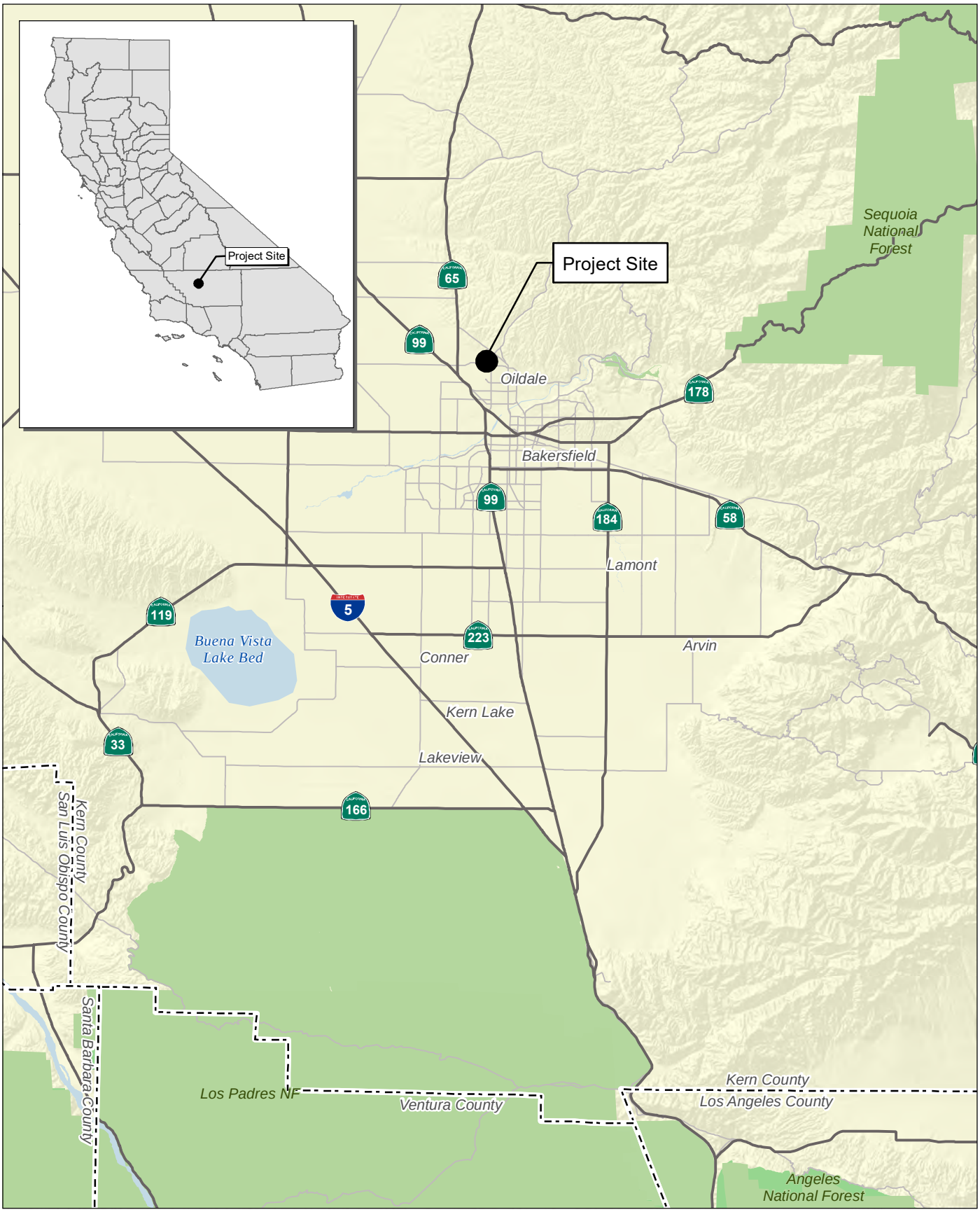
Hours of operation for the proposed retail buildings would operate 24 hours per day. Employment on-site would depend on tenancy, but based similar projects, retail operations would employ approximately 40 employees. Activities occurring on-site are likely to include quick-service restaurants or other community-serving retail.

Project Design Features

The proposed project would incorporate sustainable features including LED lighting, high-efficiency mechanical and plumbing systems, low-VOC paint, and electric vehicle (EV) stalls. The project would comply with CALGreen Title 24 requirements. Approximately 65 stalls would be EV charging stations, with an additional 258 being EV-capable stalls being dedicated per Title 24 code requirement.

Truck Traffic

During project operation, heavy truck traffic to the site would be primarily routed down Merle Haggard Drive from SR-99, while the remaining truck traffic would be routed from Airport Drive to James Road to SR-65.



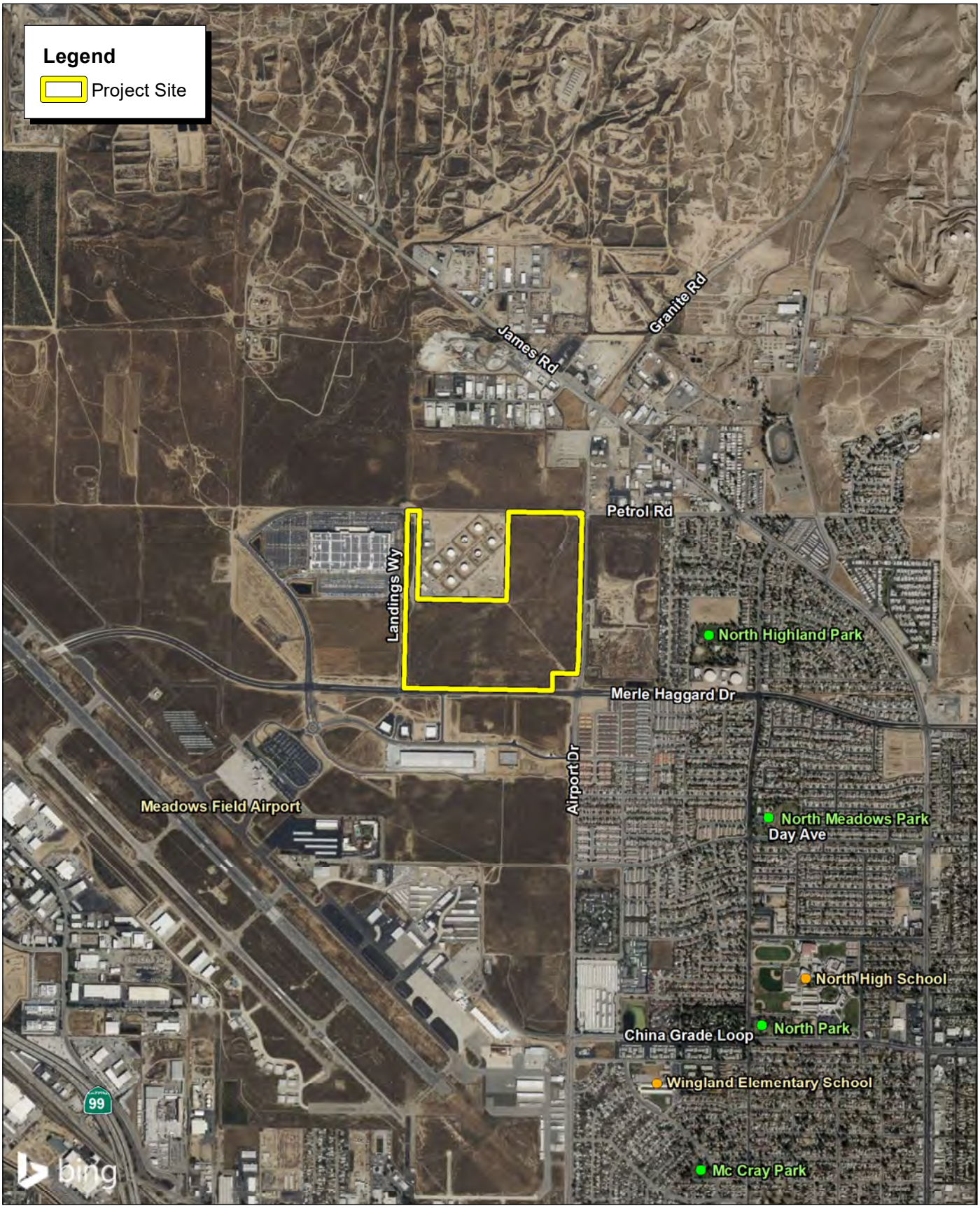
Source: Census 2000 Data, The California Spatial Information Library (CaSIL).

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Miles

Exhibit 1
Regional Location Map

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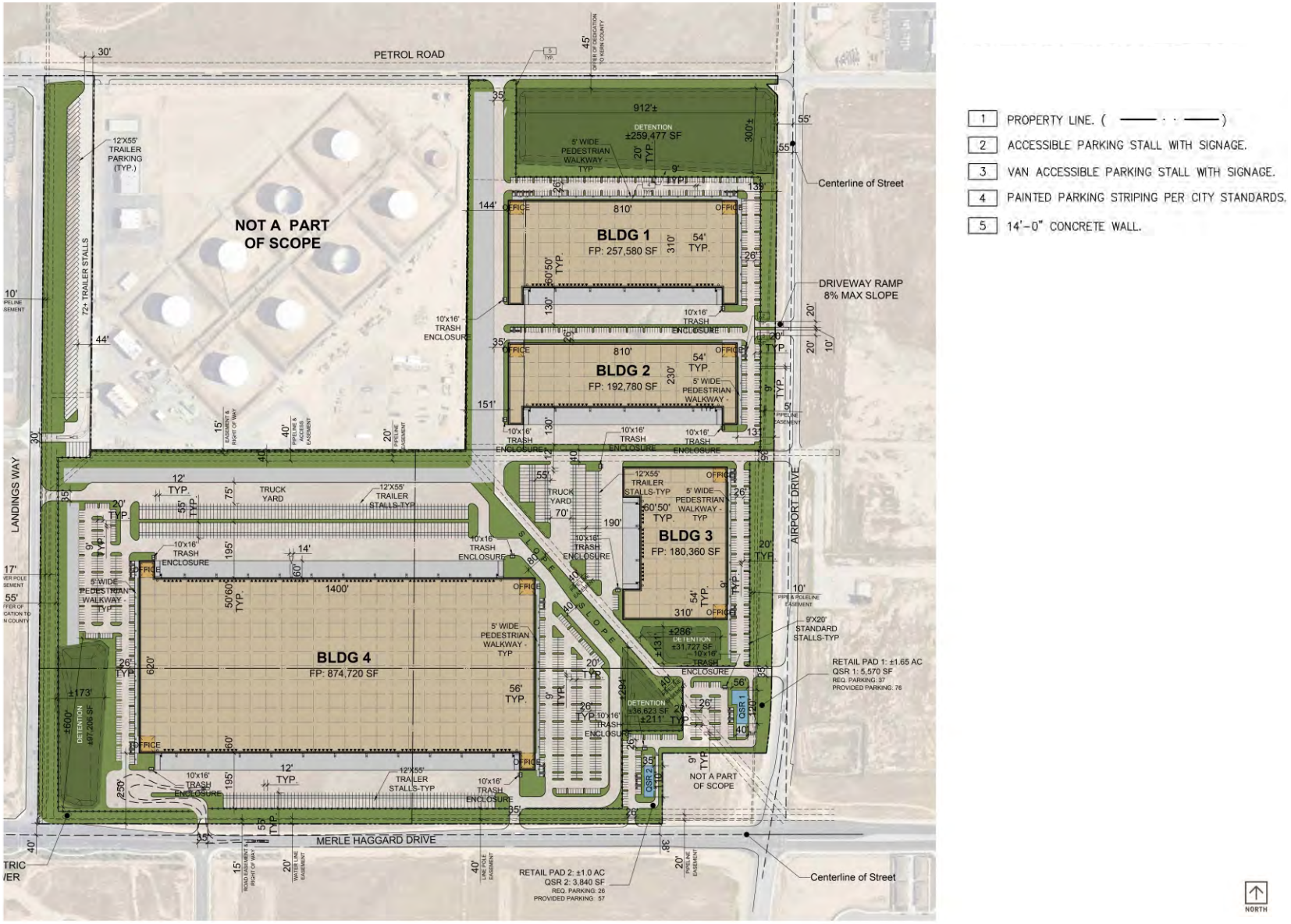
Source: Bing Aerial Imagery. New Gen Engineering Group, Inc. dba McIntosh & Associates, 01/18/2024.

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1,900 950 0 1,900
Feet

Exhibit 2
Local Vicinity Map

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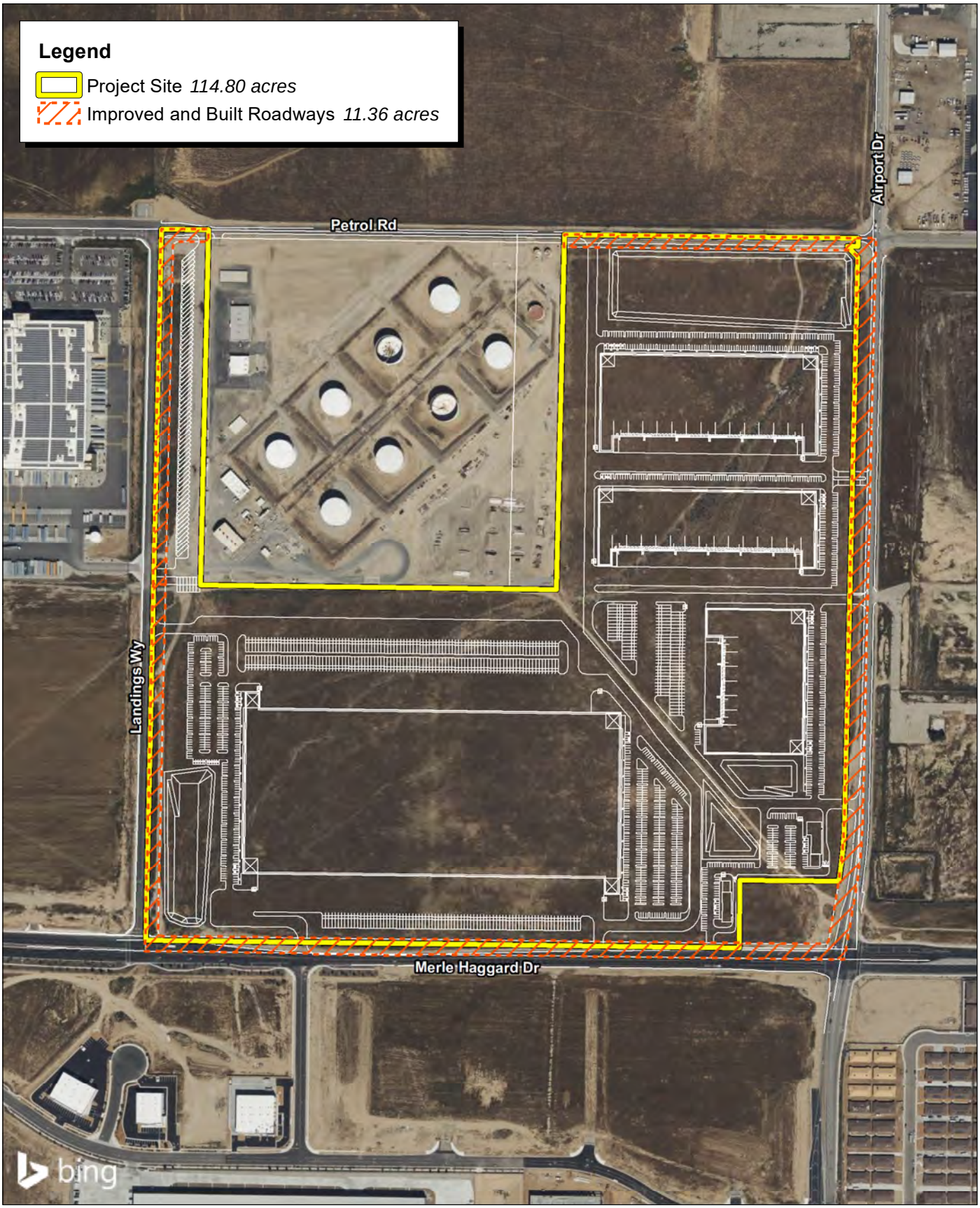


Source: Ware Malcomb, 2024.

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Exhibit 3
Site Plan

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Source: Bing Aerial Imagery. New Gen Engineering Group, Inc. dba McIntosh & Associates, 01/18/2024.

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500 250 0 500 Feet

Exhibit 4
Improved and Built Roadways

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Source: Ware Malcomb, 10/24/2023.

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Exhibit 5a
Conceptual Building Elevations

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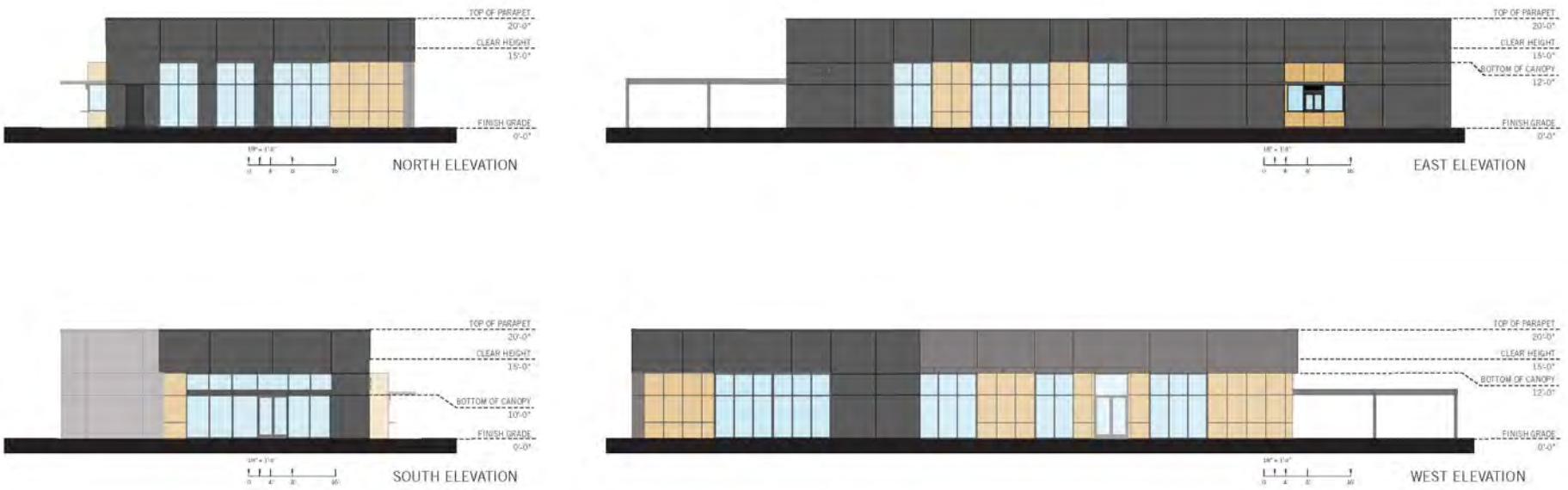


Source: Ware Malcomb, 10/24/2023.

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Exhibit 5b
Conceptual Building Elevations

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Source: Ware Malcomb, 10/24/2023.

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Exhibit 5c
Conceptual Building Elevations

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Appendix K

Final Noise Impact Analysis

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FCS
An ADEC Innovation

Airport Commerce Center Industrial Project

Final Noise Impact Analysis Report

Unincorporated Kern County, California

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July 2, 2025

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Table of Contents

Acronyms and Abbreviations v

1 - Introduction 1

1.1 - Purpose of Analysis and Study Objectives 1
1.2 - Project Summary 1

2 - Noise and Vibration Fundamentals 9

2.1 - Characteristics of Noise 9
2.2 - Characteristics of Groundborne Vibration and Noise 14

3 - Regulatory Setting 19

3.1 - Federal Regulations 19
3.2 - State Regulations 20
3.3 - Local Regulations 21

4 - Thresholds of Significance and Impact Analysis 25

4.1 - Thresholds of Significance 25
4.2 - Substantial Noise Increase in Excess of Standards 25
4.3 - Groundborne Vibration/Noise Levels 34
4.4 - Excessive Noise Levels from Airport Activity 35

Appendix A: Noise Modeling Data

Tables

Table 1: Sound Terminology 11
Table 2: Typical Construction Equipment Maximum Noise Levels, L_{max} 13
Table 3: Vibration Levels of Construction Equipment 15
Table 4: Summary of EPA Recommended Noise Levels to Protect Public Welfare 19
Table 5: Federal Transit Administration Construction Vibration Impact Criteria 20
Table 6: Noise Level Performance Standards-Exterior Noise Level Standards 23
Table 7: Traffic Noise Increase Summary 28
Table 8: Traffic Noise Levels at Receiving Residential Land Uses 29
Table 9: 24-hour Average Stationary Source Operational Noise Levels 33

Exhibits

Exhibit 1: Regional Location Map 3
Exhibit 2: Local Vicinity Map, Aerial Base 5
Exhibit 3: Site Plan 7

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ACRONYMS AND ABBREVIATIONS

ADA	Americans with Disabilities Act
ADT	Average Daily Traffic
ALUCP	Airport Land Use Compatibility Plan
Caltrans	California Department of Transportation
CBC	California Building Standards Code
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CNEL	Community Noise Equivalent Level
dB	decibel
dBA	A-weighted decibel
DNL	Day-Night Level
EPA	United States Environmental Protection Agency
FCS	FirstCarbon Solutions
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
GPA	General Plan Amendment
in/sec	inches per second
L_{dn}	day-night average sound level
L_{eq}	equivalent continuous sound level
L_{max}	maximum noise/sound level
MBGP	Metropolitan Bakersfield General Plan
OSHA	Occupational Safety and Health Administration
PPV	peak particle velocity
rms	root mean square
VdB	vibration in decibels

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1 - INTRODUCTION

1.1 - Purpose of Analysis and Study Objectives

This Noise Impact Analysis Report has been prepared by FirstCarbon Solutions (FCS) to determine and document the off-site and on-site noise impacts associated with the proposed Airport Commerce Center Project (proposed project). The following is provided in this report:

- A description of the study area, project site, and proposed project
- Information regarding the fundamentals of noise and vibration
- A description of the local noise guidelines and standards
- A description of the existing noise environment
- An analysis of the potential short-term construction-related noise and vibration impacts from the proposed project
- An analysis of long-term operations-related noise and vibration impacts from the proposed project

1.2 - Project Summary

1.2.1 - Site Location

The proposed project is a proposal by ACC Bakersfield JV, LLC (project proponent) for the construction and operation of an industrial warehouse facility with associated quick serve restaurants. The proposed project would include the construction of four single-story warehouses totaling approximately 1,505,440 square feet (including 150,544 square feet for dedicated office space), two single-story quick serve restaurants totaling 9,410 square feet, and related site improvements. The proposed project is located on six parcels totaling approximately 110 acres (Assessor's Parcel Numbers [APNs] 483-040-32, 483-040-33, 483-040-42, 483-040-43, 483-040-45, and 483-040-46) of privately owned land at the southern end of the San Joaquin Valley in unincorporated Kern County, California (Exhibit 1). The project site is bounded by Petrol Road (north), Airport Drive (east), Merle Haggard Drive (south), and Landings Way (west), as shown in Exhibit 2.

The project site is located in the Oildale area of unincorporated Bakersfield in Kern County. The project site is located within the Metropolitan Bakersfield General Plan (MBGP) (unincorporated Planning Area). The City of Shafter lies approximately 3 miles west of the project site. The project site is situated approximately 1.54 miles east of State Route (SR) 65 and approximately 2.19 miles east of SR-99. Regional access to the project site is available from SR-99 via the Seventh Standard Road exit. Local access to the project site is available from Airport Drive and Merle Haggard Drive.

The project vicinity is characterized by industrial, commercial, and residential uses, including logistics facilities, industrial manufacturing and storage, housing tracts, and vacant land. Wingland Elementary School is located approximately 1.15 miles southeast of the project site at Douglas Street and Diane Drive, and North High School is located approximately 1 mile southeast of the project site at West China Grade Loop and McCray Street.

1.2.2 - Project Description

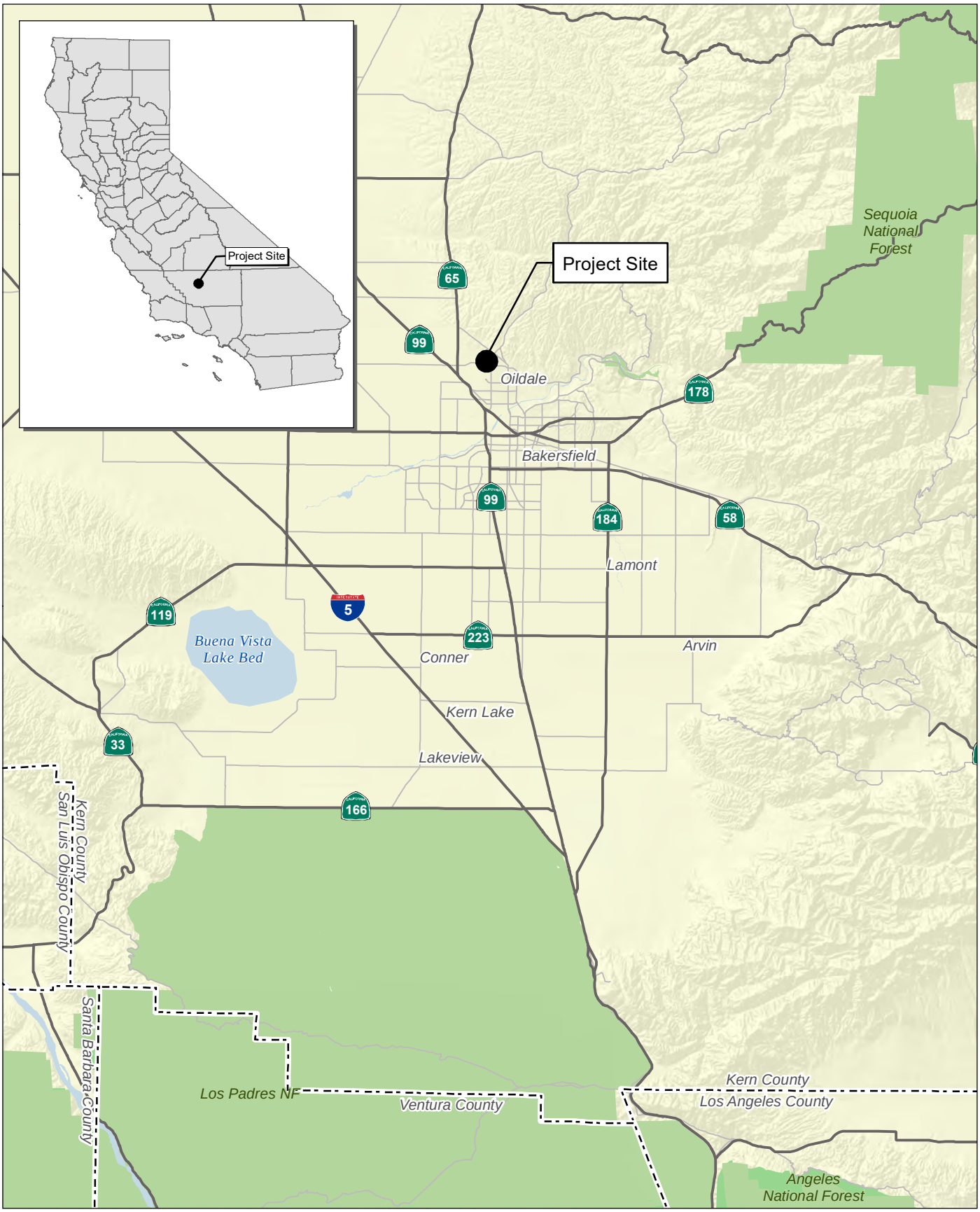
The proposed project consists of four single-story warehouses totaling approximately 1,505,440 square feet, including two single-story quick-serve restaurants totaling 9,410 square feet and related site improvements (Exhibit 3). The warehouse buildings would be primarily tilt-up panel construction of architecturally enhanced concrete panels with a maximum height of 60 feet above ground level. Additional design elements such as refinement and articulation of the building corners would be included in the construction. The quick serve restaurants would be wood frame or metal construction with a maximum height of 20 feet above ground level. The building designs and selected colors would comply with all required County ordinances and development standards and meet the standards for all California Green Building Standards Code (CALGreen) (Title 24 requirements). The quick serve restaurants would be wood frame or metal construction with a maximum height of 20 feet above ground level.

The warehouses would provide dock-high doors which would be utilized by delivery trucks. Approximately 215 dock-high doors and 10 grade-level doors would be included. The proposed project would include approximately 2,001 automobile parking stalls, 401 truck trailer parking stalls, 46 accessible parking stalls, and 102 electric vehicle charging stations.

The proposed project would include roadway and frontage improvements along Airport Drive, Merle Haggard Drive, Landings Way, and Petrol Road in addition to entryways into the site. Such improvements would be necessary to meet applicable Kern County Public Works Department development standards. The total roadway frontage improvement area would be 11.36 acres.

The existing roads would be improved with new pavement, curb and gutter, and sidewalk. Additionally, signing and markings would be constructed for the new pavement delineations. The proposed facility would operate 24 hours a day, 365 days a year and typically consist of multiple shifts rotating throughout the day and night. The facility would employ approximately 532 employees over the course of the shifts. Once operational, the proposed project would utilize standard equipment such as electric forklifts and pallet jacks.

The proposed project would generate approximately 824 daily truck trips. Ingress to the proposed project would be taken from three driveway entrances off Airport Drive, three off Merle Haggard Drive, one off Landings Way, and one off Petrol Road.



Source: Census 2000 Data, The California Spatial Information Library (CaSIL).

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Exhibit 1
Regional Location Map

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Source: Bing Aerial Imagery. New Gen Engineering Group, Inc. dba McIntosh & Associates, 02/12/2025.

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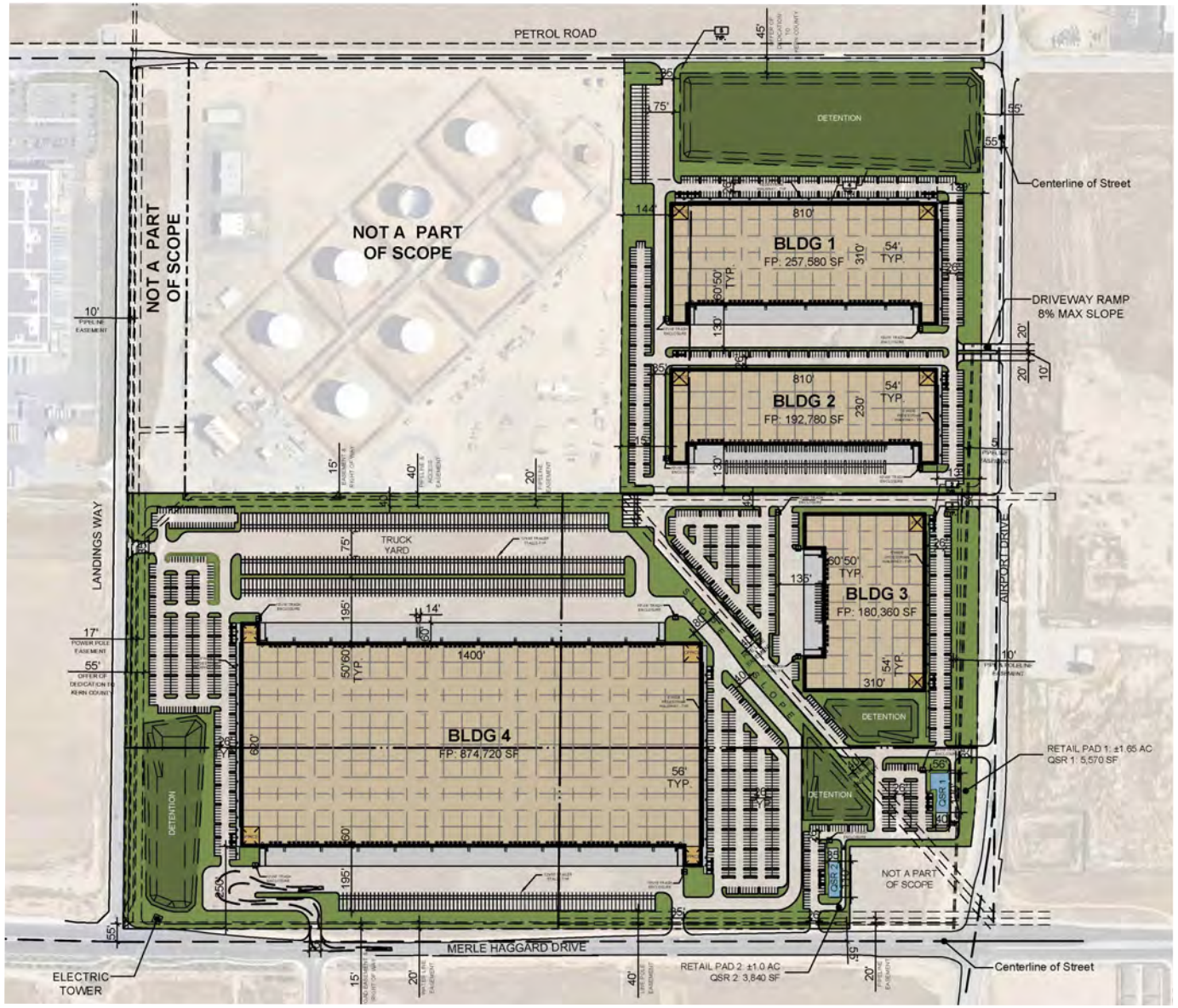
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Exhibit 2
Local Vicinity Map

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BAYSPRING REAL ESTATE PARTNERS
AIRPORT COMMERCE CENTER PROJECT
NOISE IMPACT ANALYSIS REPORT

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Source: Ware Malcomb, 02/06/2025.

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Exhibit 3
Site Plan

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2 - NOISE AND VIBRATION FUNDAMENTALS

2.1 - Characteristics of Noise

Noise is generally defined as unwanted or objectionable sound. Sound becomes unwanted when it interferes with normal activities, when it causes actual physical harm, or when it has adverse effects on health. The effects of noise on people can include general annoyance, interference with speech communication, sleep disturbance, and, in the extreme, hearing impairment. Noise effects can be caused by pitch or loudness. *Pitch* is the number of complete vibrations or cycles per second of a wave that result in the range of tone from high to low; higher-pitched sounds are louder to humans than lower-pitched sounds. *Loudness* is the intensity or amplitude of sound.

Sound is produced by the vibration of sound pressure waves in the air. Sound pressure levels are used to measure the intensity of sound and are described in terms of decibels. The decibel (dB) is a logarithmic unit, which expresses the ratio of the sound pressure level being measured to a standard reference level. The 0 point on the dB scale is based on the lowest sound level that the healthy, unimpaired human ear can detect. Changes of 3 dB or less are only perceptible in laboratory environments. Audible increases in noise levels generally refer to a change of 3 dB or more, as this level has been found to be barely perceptible to the human ear in outdoor environments. Only audible changes in existing ambient or background noise levels are considered potentially significant.

The human ear is not equally sensitive to all frequencies within the audible sound spectrum, so sound pressure level measurements can be weighted to better represent frequency-based sensitivity of average healthy human hearing. One such specific “filtering” of sound is called “A-weighting.” A-weighted decibels (dBA) approximate the subjective response of the human ear to a broad frequency noise source by discriminating against very low and very high frequencies of the audible spectrum. They are adjusted to reflect only those frequencies that are audible to the human ear. Because decibels are logarithmic units, they cannot be added or subtracted by ordinary arithmetic means. For example, if one noise source produces a noise level of 70 dB, the addition of another noise source with the same noise level would not produce 140 dB; rather, they would combine to produce a noise level of 73 dB.

As noise spreads from a source, it loses energy so that the farther away the noise receiver is from the noise source, the lower the perceived noise level. Noise levels diminish or attenuate as distance from the source increases based on an inverse square rule, depending on how the noise source is physically configured. Noise levels from a single-point source, such as a single piece of construction equipment at ground level, attenuate at a rate of 6 dB for each doubling of distance (dBA/DD) between the single-point source of noise and the noise-sensitive receptor of concern. Heavily traveled roads with few gaps in traffic behave as continuous line sources and attenuate roughly at a rate of 3 dBA/DD.

2.1.1 - Noise Descriptors

There are many ways to rate noise for various time periods, but an appropriate rating of ambient noise affecting humans also accounts for the annoying effects of sound. Equivalent continuous sound level (L_{eq}) is the total sound energy of time-varying noise over a sample period. However, the predominant rating scales for human communities in the State of California are the L_{eq} and community noise equivalent level (CNEL) or the day-night average level (L_{dn}) based on dBA. CNEL is the time-varying noise over a 24-hour period, with a 5 dBA weighting factor applied to the hourly L_{eq} for noises occurring from 7:00 p.m. to 10:00 p.m. (defined as relaxation hours) and a 10 dBA weighting factor applied to noise occurring from 10:00 p.m. to 7:00 a.m. (defined as sleeping hours). L_{dn} is similar to the CNEL scale but without the adjustment for events occurring during the evening hours. CNEL and L_{dn} are within 1 dBA of each other and are normally exchangeable. The noise adjustments are added to the noise events occurring during the more sensitive hours.

Other noise rating scales of importance when assessing the annoyance factor include the maximum noise level (L_{max}), which is the highest exponential time-averaged sound level that occurs during a stated time period. The noise environments discussed in this analysis are specified in terms of maximum levels denoted by L_{max} for short-term noise impacts. L_{max} reflects peak operating conditions and addresses the annoying aspects of intermittent noise.

2.1.2 - Noise Propagation

From the noise source to the receiver, noise changes both in level and frequency spectrum. The most obvious is the decrease in noise as the distance from the source increases. The manner in which noise reduces with distance depends on whether the source is a point or line source, as well as ground absorption, atmospheric conditions (wind, temperature gradients, and humidity) and refraction, and shielding by natural and manmade features. Sound from point sources, such as an air conditioning condenser, a piece of construction equipment, or an idling truck, radiates uniformly outward as it travels away from the source in a spherical pattern.

The attenuation, or sound drop-off, rate is dependent on the conditions of the land between the noise source and receiver. To account for this ground-effect attenuation (absorption), two types of site conditions are commonly used in noise models: soft-site and hard-site conditions. Soft-site conditions account for the sound propagation loss over natural surfaces such as normal earth and ground vegetation. For point sources, a drop-off rate of 7.5 dBA/DD is typically observed over soft ground with landscaping, as compared with a 6 dBA/DD drop-off rate over hard ground such as asphalt, concrete, stone, and very hard packed earth. For line sources, such as traffic noise on a roadway, a 4.5 dBA/DD is typically observed for soft-site conditions compared to the 3 dBA/DD drop-off rate for hard-site conditions. Table 1 briefly defines these measurement descriptors and other sound terminology used in this section.

Table 1: Sound Terminology

Term	Definition
Sound	A vibratory disturbance created by a vibrating object which, when transmitted by pressure waves through a medium such as air, can be detected by a receiving mechanism such as the human ear or a microphone.
Noise	Sound that is loud, unpleasant, unexpected, or otherwise undesirable.
Ambient Noise	The composite of noise from all sources near and far in a given environment.
Decibel (dB)	A unitless measure of sound on a logarithmic scale, which represents the squared ratio of sound pressure amplitude to a reference sound pressure. The reference pressure is 20 micropascals, representing the threshold of human hearing (0 dB).
A-Weighted Decibel (dBA)	An overall frequency-weighted sound level that approximates the frequency response of the human ear.
Equivalent Noise Level (L_{eq})	The average sound energy occurring over a specified time period. In effect, L_{eq} is the steady-state sound level that in a stated period would contain the same acoustical energy as the time-varying sound that actually occurs during the same period.
Maximum and Minimum Noise Levels (L_{max} and L_{min})	The maximum or minimum instantaneous sound level measured during a measurement period.
Day-Night Level (DNL or L_{dn})	The energy average of the A-weighted sound levels occurring during a 24-hour period, with 10 dB added to the A-weighted sound levels occurring between 10:00 p.m. and 7:00 a.m. (nighttime).
Community Noise Equivalent Level (CNEL)	The energy average of the A-weighted sound levels occurring during a 24-hour period, with 5 dB added to the A-weighted sound levels occurring between 7:00 p.m. and 10:00 p.m. and 10 dB added to the A-weighted sound levels occurring between 10:00 p.m. and 7:00 a.m. (nighttime).

Source: Data compiled by FCS. 2021.

2.1.3 - Traffic Noise

The level of traffic noise depends on the three primary factors: (1) the volume of the traffic, (2) the speed of the traffic, and (3) the number of trucks in the flow of traffic. Generally, the loudness of traffic noise is increased by heavier traffic volumes, higher speeds, and greater number of trucks. Vehicle noise is a combination of the noise produced by the engine, exhaust, and tires. Because of the logarithmic nature of noise levels, a doubling of the traffic volume (assuming that the speed and truck mix do not change) results in a noise level increase of 3 dBA. Based on the Federal Highway Administration (FHWA) community noise assessment criteria, this change is “barely perceptible.” For reference, a doubling of perceived noise levels would require an increase of approximately 10 dBA. The truck mix on a given roadway also has an effect on community noise levels. As the number of heavy trucks increases and becomes a larger percentage of the vehicle mix, adjacent noise levels increase.

2.1.4 - Stationary Noise

A stationary noise producer is any entity in a fixed location that emits noise. Examples of stationary noise sources include machinery, engines, energy production, and other mechanical or powered equipment and activities such as loading and unloading or public assembly that may occur at commercial, industrial, manufacturing, or institutional facilities. Furthermore, while noise generated by the use of motor vehicles over public roads is preempted from local regulation, the use of these vehicles is considered a stationary noise source when operated on private property such as at a construction site, a truck terminal, or warehousing facility.

The effects of stationary noise depend on factors such as characteristics of the equipment and operations, distance and pathway between the generator and receptor, and weather. Stationary noise sources may be regulated at the point of manufacture (e.g., equipment or engines), with limitations on the hours of operation, or with provision of intervening structures, barriers, or topography.

Construction activities are a common source of stationary noise. Construction-period noise levels are higher than background ambient noise levels but eventually cease once construction is complete. Construction is performed in discrete steps, each of which has its own mix of equipment and, consequently, its own noise characteristics. These various sequential phases would change the character of the noise generated on each construction site and, therefore, would change the noise levels as construction progresses. Despite the variety in the type and size of construction equipment, similarities in the dominant noise sources and patterns of operation allow construction-related noise ranges to be categorized by work phase. Table 2 shows typical noise levels of construction equipment as measured at a distance of 50 feet from the operating equipment.

Table 2: Typical Construction Equipment Maximum Noise Levels, L_{max}

Type of Equipment	Impact Device? (Yes/No)	Specification Maximum Sound Levels for Analysis (dBA at 50 feet)
Impact Pile Driver	Yes	95
Auger Drill Rig	No	85
Vibratory Pile Driver	No	95
Jackhammers	Yes	85
Pneumatic Tools	No	85
Pumps	No	77
Scrapers	No	85
Cranes	No	85
Portable Generators	No	82
Rollers	No	85
Bulldozers	No	85
Tractors	No	84
Front-End Loaders	No	80
Backhoe	No	80
Excavators	No	85
Graders	No	85
Air Compressors	No	80
Dump Truck	No	84
Concrete Mixer Truck	No	85
Pickup Truck	No	55

Notes:
dBA = A-weighted decibel
Source: Federal Highway Administration (FHWA). 2006. Highway Construction Noise Handbook. August.

2.1.5 - Noise from Multiple Sources

Because sound pressure levels in decibels are based on a logarithmic scale, they cannot be added or subtracted in the usual arithmetical way. Therefore, sound pressure levels in decibels are logarithmically added on an energy summation basis. In other words, adding a new noise source to an existing noise source, both producing noise at the same level, will not double the noise level. Instead, if the difference between two noise sources is 10 dBA or more, the louder noise source will

dominate, and the resultant noise level will be equal to the noise level of the louder source. In general, if the difference between two noise sources is 0–1 dBA, the resultant noise level will be 3 dBA higher than the louder noise source, or both sources if they are equal. If the difference between two noise sources is 2–3 dBA, the resultant noise level will be 2 dBA above the louder noise source. If the difference between two noise sources is 4–10 dBA, the resultant noise level will be 1 dBA higher than the louder noise source.

2.2 - Characteristics of Groundborne Vibration and Noise

Groundborne vibration consists of rapidly fluctuating motion through a solid medium, specifically the ground, that has an average motion of zero and in which the motion's amplitude can be described in terms of displacement, velocity, or acceleration. The effects of groundborne vibration typically only causes a nuisance to people, but in extreme cases, excessive groundborne vibration has the potential to cause structural damage to buildings. Although groundborne vibration can be felt outdoors, it is typically only an annoyance to people indoors where the associated effects of the shaking of a building can be notable. Groundborne noise is an effect of groundborne vibration and only exists indoors, since it is produced from noise radiated from the motion of the walls and floors of a room and may also consist of the rattling of windows or dishes on shelves.

Several different methods are used to quantify vibration amplitude, such as the maximum instantaneous peak in the vibration's velocity, which is known as the peak particle velocity (PPV) or the root mean square (rms) amplitude of the vibration velocity. Because of the typically small amplitudes of vibrations, vibration velocity is often expressed in decibels—denoted as LV—and is based on the reference quantity of 1 microinch per second. To distinguish these vibration levels referenced in decibels from noise levels referenced in decibels, the unit is written as "VdB."

Although groundborne vibration can be felt outdoors, it is typically only an annoyance to people indoors where the associated effects of the shaking of a building can be notable. When assessing annoyance from groundborne vibration, vibration is typically expressed as rms velocity in units of decibels of 1 microinch per second, with the unit written in VdB. Typically, developed areas are continuously affected by vibration velocities of 50 VdB or lower. Human perception to vibration starts at levels as low as 67 VdB. Annoyance due to vibration in residential settings starts at approximately 70 VdB.

Off-site sources that may produce perceptible vibrations are usually caused by construction equipment, steel-wheeled trains, and traffic on rough roads, while smooth roads rarely produce perceptible groundborne noise or vibration. Construction activities, such as blasting, pile driving and operating heavy earthmoving equipment, are common sources of groundborne vibration. Construction vibration impacts on building structures are generally assessed in terms of PPV. Typical vibration source levels from construction equipment are shown in Table 3.

Table 3: Vibration Levels of Construction Equipment

Construction Equipment	PPV at 25 Feet (inches/second)	rms VdB at 25 Feet
Water Trucks	0.001	57
Scraper	0.002	58
Bulldozer—Small	0.003	58
Jackhammer	0.035	79
Concrete Mixer	0.046	81
Concrete Pump	0.046	81
Paver	0.046	81
Pickup Truck	0.046	81
Auger Drill Rig	0.051	82
Backhoe	0.051	82
Crane (Mobile)	0.051	82
Excavator	0.051	82
Grader	0.051	82
Loader	0.051	82
Loaded Trucks	0.076	86
Bulldozer—Large	0.089	87
Caisson drilling	0.089	87
Vibratory Roller—Small	0.101	88
Compactor	0.138	90
Clam shovel drop	0.202	94
Vibratory Roller—Large	0.210	94
Pile Driver (impact-typical)	0.644	104
Pile Driver (impact-upper range)	1.518	112

Notes:
PPV = peak particle velocity
rms = root mean square
VdB = vibration in decibels
Source: Compilation of scientific and academic literature, generated by the Federal Transit Administration (FTA) and Federal Highway Administration (FHWA).

The propagation of groundborne vibration is not as simple to model as airborne noise. This is because noise in the air travels through a relatively uniform medium, while groundborne vibrations travel through the ground, which may contain significant geological differences. Factors that influence groundborne vibration include:

- **Vibration source:** Type of activity or equipment, such as impact or mobile, and depth of vibration source.
- **Vibration path:** Soil type, rock layers, soil layering, depth to water table, and frost depth.
- **Vibration receiver:** Foundation type, building construction, and acoustical absorption.

Among these factors that influence groundborne vibration, there are significant differences in the vibration characteristics when the source is underground compared to at the ground surface. In addition, soil conditions are known to have a strong influence on the levels of groundborne vibration. Among the most important factors are the stiffness and internal damping of the soil and the depth to bedrock. Vibration propagation is more efficient in stiff clay soils than in loose sandy soils, and shallow rock seems to concentrate the vibration energy close to the surface and can result in groundborne vibration problems at large distance from the source. Factors such as layering of the soil and depth to the water table can have significant effects on the propagation of groundborne vibration. Soft, loose, sandy soils tend to attenuate more vibration energy than hard, rocky materials. Vibration propagation through groundwater is more efficient than through sandy soils. There are three main types of vibration propagation: surface, compression, and shear waves. Surface waves, or Rayleigh waves, travel along the ground's surface. These waves carry most of their energy along an expanding circular wave front, similar to ripples produced by throwing a rock into a pool of water. P-waves, or compression waves, are body waves that carry their energy along an expanding spherical wave front. The particle motion in these waves is longitudinal (i.e., in a "push-pull" fashion). P-waves are analogous to airborne sound waves. S-waves, or shear waves, are also body waves that carry energy along an expanding spherical wave front. However, unlike P-waves, the particle motion is transverse, or side-to-side and perpendicular to the direction of propagation.

As vibration waves propagate from a source, the vibration energy decreases in a logarithmic nature and the vibration levels typically decrease by 6 VdB per doubling of the distance from the vibration source. As stated above, this drop-off rate can vary greatly depending on the soil type, but it has been shown to be effective enough for screening purposes, in order to identify potential vibration impacts that may need to be studied through actual field tests. The vibration level (calculated below as PPV) at a distance from a point source can generally be calculated using the vibration reference equation:

$$PPV = PPV_{ref} * (25/D)^n \text{ (in/sec)}$$

Where:

PPV_{ref} = reference measurement at 25 feet from vibration source
D = distance from equipment to property line
n = vibration attenuation rate through ground

According to Section 7 of the Federal Transit Administration (FTA) Transit Noise and Vibration Impact Assessment Manual, an “n” value of 1.5 is recommended to calculate vibration propagation through typical soil conditions.[1]

[1] Federal Transit Administration (FTA). 2018. Transit Noise and Vibration Impact Assessment Manual. September.

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3 - REGULATORY SETTING

3.1 - Federal Regulations

Currently, no federal noise standards regulate environmental noise associated with temporary construction activities or the long-term operations of development projects. As such, both temporary and long-term noise impacts resultant from the proposed project would be largely regulated or otherwise evaluated by State and local agency standards designed to protect public well-being and health.

3.1.1 - United States Environmental Protection Agency

In 1972, Congress enacted the Noise Control Act. This Act authorized the United States Environmental Protection Agency (EPA) to publish descriptive data on the effects of noise and establish levels of sound "requisite to protect the public welfare with an adequate margin of safety." These levels are separated into health (hearing loss levels) and welfare (annoyance levels) categories, as shown in Table 4. The EPA cautions that these identified levels are not standards because they do not take into account the cost or feasibility of the levels.

For protection against hearing loss, 96 percent of the population would be protected if sound levels were less than or equal to an $L_{eq}(24)$ of 70 dBA. The EPA activity and interference guidelines are designed to ensure reliable speech communication at about 5 feet distance in the outdoor environment. For outdoor and indoor environments, interference with activity and annoyance should not occur if levels are below 55 dBA and 45 dBA, respectively.

Table 4: Summary of EPA Recommended Noise Levels to Protect Public Welfare

Effect	Level	Area
Hearing loss	$L_{eq}(24)$ <70 dB	All areas
Outdoor activity interference and annoyance	L_{dn} <55 dB	Outdoors in residential areas, farms, other outdoor areas where people spend widely varying amounts of time, and other places in which quiet is a basis for use
	$L_{eq}(24)$ <55 dB	Outdoor areas where people spend limited amounts of time, such as school yards, playgrounds, etc.
Indoor activity interference and annoyance	L_{eq} <45 dB	Indoor residential areas
	$L_{eq}(24)$ <45 dB	Other indoor areas with human activities such as schools, etc.

Effect	Level	Area
Notes: (24) signifies an L_{eq} duration of 24 hours. dB = decibel L_{dn} = day/night average sound level L_{eq} = equivalent sound level Source: United States Environmental Protection Agency (EPA). 1978. Protective Noise Levels, EPA 550/9-79-100.		

3.1.2 - Federal Transit Administration

The FTA has established industry accepted standards for vibration impact criteria and impact assessment. These guidelines are published in its Transit Noise and Vibration Impact Assessment Manual.[2] The FTA guidelines include thresholds for construction vibration impacts for various structural categories as shown in Table 5.

Table 5: Federal Transit Administration Construction Vibration Impact Criteria

Building Category	PPV (in/sec)	Approximate VdB
I. Reinforced Concrete, Steel or Timber (no plaster)	0.5	102
II. Engineered Concrete and Masonry (no plaster)	0.3	98
III. Nonengineered Timber and Masonry Buildings	0.2	94
IV. Buildings Extremely Susceptible to Vibration Damage	0.12	90

Notes:
VdB = velocity in decibels
PPV = peak particle velocity
in/sec = inches per second
Source: Federal Transit Administration (FTA). 2018. Transit Noise and Vibration Impact Assessment Manual. September.

3.2 - State Regulations

3.2.1 - California General Plan Guidelines

Established in 1973, the California Department of Health Services Office of Noise Control was instrumental in developing regularity tools to control and abate noise for use by local agencies. One significant model is the Land Use Compatibility for Community Noise Environments Matrix, which

[2] Federal Transit Administration (FTA). 2018. Transit Noise and Vibration Impact Assessment Manual. September.

allows the local jurisdiction to delineate compatibility of sensitive uses with various incremental levels of noise.[3]

Government Code Section 65302 mandates that the legislative body of each county and city in California adopt a noise element as part of its comprehensive general plan. The local noise element must recognize the land use compatibility guidelines published by the State Department of Health Services. The guidelines rank noise/land use compatibility in terms of normally acceptable, conditionally acceptable, normally unacceptable, and clearly unacceptable. The proposed project is also subject to review under CEQA Guidelines. Appendix G of the CEQA Guidelines provides impact thresholds for potential noise and vibration impacts.

3.2.2 - California Building Standards Code

The State of California has established noise insulation standards for new hotels, motels, apartment houses, and dwellings (other than single-family detached housing). These requirements are provided in the 2022 California Building Standards Code (CBC) (California Code of Regulations [CCR] Title 24). As provided in the CBC, the noise insulation standards set forth an interior standard of 45 dBA CNEL as measured from within the structure's interior. Title 24 standards are typically enforced by local jurisdictions through the building permit application process.

3.3 - Local Regulations

The project site is located within unincorporated Kern County. Kern County and the City of Bakersfield separately adopted a coordinated general plan for the unincorporated metropolitan area, the MBGP, in 2002. Therefore, this analysis evaluates noise impacts compared to the policies and standards of the MBGP and in the Kern County Municipal Code.

The applicable regulations are summarized below.

Metropolitan Bakersfield General Plan

Chapter VII: Noise Element

Policies

Policy 1 Identify noise impact areas exposed to existing or projected noise levels exceeding 65 dB CNEL (exterior) or the performance standards described in Table VII-2 [of the General Plan, provide as Table 6 below]. The noise exposure contour maps on file at the City of Bakersfield and County of Kern indicate areas where existing and projected noise exposures exceed 65 dB CNEL (exterior) for the major noise sources identified.

[3] California Department of Health Services Office of Noise Control. 1976. Land Use Compatibility for Community Noise Environments Matrix.

Policy 3 Review discretionary industrial, commercial or other noise-generating land use projects for compatibility with nearby noise-sensitive land uses.

Additionally, the development of new noise-generating land uses which are not preempted from local noise regulation will be reviewed if resulting noise levels will exceed the performance standards contained within Table VII-2 [Table 6] in areas containing residential or other noise-sensitive land uses.

Implementation Measures

Measure 4 Require proposed commercial and industrial uses or operations to be designed or arranged so that they will not subject residential or other noise-sensitive land uses to exterior noise levels in excess of 65 dB CNEL and interior noise levels in excess of 45 dB CNEL and so that impacts on noise-sensitive uses shall not exceed the performance standards in Table VII-2 [Table 6].

At time of any discretionary approval, such as a request for zone change or subdivision, the developer may be required to submit an acoustical report indicating the means by which the developer proposes to comply with the noise standards. The acoustical report shall:

a) Be the responsibility of the applicant.
b) Be prepared by a qualified acoustical consultant experienced in the fields of environmental noise assessment and architectural acoustics.
c) Include representative noise level measurements with sufficient sampling periods and locations to adequately describe local conditions.
d) Include estimated noise levels in terms of CNEL and the standards of Table VII-2 [Table 6] (if applicable) for existing and projected future (10-20 years hence) conditions, with a comparison made to the adopted policies of the Noise Element.
e) Include recommendations for appropriate mitigation to achieve compliance with the adopted policies and standards of the Noise Element.
f) Include estimates of noise exposure after the prescribed mitigation measures have been implemented. If compliance with the adopted standards and policies of the Noise Element will not be achieved, a rationale for acceptance of the project must be provided.

Measure 5 Develop implementation procedures to ensure that requirements imposed pursuant to the findings of an acoustical analysis are conducted as part of the project permitting process.

Measure 10 **Standard for Project Noise Impacts for Mobile Sources**

A significant increase of existing ambient noise levels affecting existing noise-sensitive land uses (receptors), and requiring the adoption of practical and feasible mitigation measures is deemed to occur where a project will cause:

- An increase of noise levels of the existing ambient noise level by 5 dB or more, where the existing ambient level is less than 60 dB CNEL
- An increase of the existing ambient noise level by 3 dB or more, where the existing ambient level is 60 to 65 dB CNEL
- An increase of the existing ambient noise level by 1.5 dB or more, where the existing ambient level is greater than 65 dB CNEL

Standards for Cumulative Noise Impacts

A project's contribution to noise increase would normally be considered cumulatively considerable and considering significant when ambient noise levels affect noise-sensitive land uses (receptors) and when the following occurs:

- A project increases the ambient (cumulative without project) noise level by 1 dB or more; and
- The cumulative with project noise levels cause the following:
  - An increase of the existing ambient noise level by 5 dB or more, where the existing ambient level is less than 60 dB CNEL;
  - An increase of the existing ambient noise level by 3 dB or more, where the existing ambient level is 60 to 65 dB CNEL;
  - An increase on the existing ambient noise level by 1.5 dB or more, where the existing ambient level is greater than 65 dB CNEL.

Table 6: Noise Level Performance Standards-Exterior Noise Level Standards

Category	Cumulative Number of Minutes in Any One-Hour Time Period	Daytime 7:00 a.m. to 10:00 p.m.	Nighttime 10:00 p.m. to 7:00 a.m.
1	30	55	50
2	15	60	55
3	5	65	60
4	1	70	65
5	0	75	70

Note:
Each of the noise level standards specified in this table shall be reduced by five (5) dBA for pure tone noises, noises consisting primarily of speech or music, or for recurring impulsive noises. These noise level standards should be applied at a residential or other noise-sensitive land use and not on the property of a noise-generating land use.
Source: City of Bakersfield and County of Kern. 2002. Metropolitan Bakersfield General Plan. December.

Kern County General Plan

The Kern County General Plan,[4] Policy 6, requires that new development ensures compliance with existing and projected airport noise levels set forth in the ALUCP[5] for new developments in the vicinity of airports.

Kern County Zoning Ordinance

Section 19.80.030.S(1) of the Kern County Zoning Ordinance (Kern County 2021) restricts noise generated by commercial or industrial uses within 500 feet of a residential use or residential zone district. The commercial or industrial use shall not generate noise that exceeds an average 65 dB L_{dn} between the hours of 7:00 a.m. and 10:00 p.m. and shall not generate noise that exceeds 65 dB, or which would result in an increase of 5 dB or more from ambient sound levels, whichever is greater, between the hours of 10:00 p.m. and 7:00 a.m. Commercial or industrial facilities that are located in the M-3 zone district are exempt from these noise-generation restrictions.

Kern County Municipal Code

8.36.020–Prohibited sounds.

The Kern County Municipal Code has established limits on permissible hours of construction. Permissible construction hours are from 6:00 a.m. to 9:00 p.m. on weekdays and from 8:00 a.m. and 9:00 p.m. on weekends. Any exemption to these hours must be granted by a County approved permit. The purpose is to limit loud construction noise which disturbs the peace and quiet of any neighborhood or which causes discomfort or annoyance to any reasonable person of normal sensitiveness sleeping or residing in the area. Therefore, the County has established that these standards do not apply to any construction performed 1,000 feet or more from the nearest residential dwelling.

19.80.030–Development and performance standards–Commercial and industrial districts.

All development in the CO, C-1, C-2, CH, M-1, M-2, and M-3 districts, and, where specified, in the A and NR districts, shall comply with the following standards:

S. All non-mobile sources of noise produced by commercial and industrial uses, except for those located within the M-3 district, and located within 500 feet of property developed residentially and zoned for residential use (E, R-1, R-2 and R-3) shall comply with the following exterior noise standards:

1. The use shall not generate noise that exceeds an average 65 dB L_{dn} (24 hour median) between the hours of 7:00 a.m. and 10:00 p.m. and shall not generate noise that exceeds 65 dB, or which would result in an increase of 5 dB or more from ambient sound levels, whichever is greater, between the hours of 10:00 p.m. and 7:00 a.m.

[4] County of Kern. 2004. Kern County General Plan. Website: https://psbweb.kerncounty.com/planning/pdfs/kcgp/KCGP_Complete.pdf. Accessed: June 17, 2025.

[5] County of Kern. 2012. Airport Land Use Compatibility Plan (ALUCP). Website: https://psbweb.kerncounty.com/planning/pdfs/ALUCP2012.pdf. Accessed: June 17, 2025.

4 - THRESHOLDS OF SIGNIFICANCE AND IMPACT ANALYSIS

4.1 - Thresholds of Significance

According to the California Environmental Quality Act (CEQA) Guidelines Appendix G, to determine whether impacts related to noise and vibration are significant environmental effects, the following questions are analyzed and evaluated.

Would the proposed plan:

a) Generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

b) Generate excessive groundborne vibration or groundborne noise levels?

c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

4.2 - Substantial Noise Increase in Excess of Standards

4.2.1 - Construction Noise Impacts

For purposes of this analysis, a significant impact would occur if construction activities would result in a substantial temporary increase in ambient noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies. The Kern County Municipal Code has established limits on permissible hours of construction from 6:00 a.m. to 9:00 p.m. on weekdays and from 8:00 a.m. and 9:00 p.m. on weekends. The purpose is to limit loud construction noise which disturbs the peace and quiet of any neighborhood or which causes discomfort or annoyance to any reasonable person of normal sensitiveness sleeping or residing in the area.

In addition, while the County does not establish noise level thresholds for construction activities, this analysis uses the noise limits established by the FTA to identify the potential for impacts due to substantial temporary construction noise. The FTA identifies construction noise limits in the Transit Noise and Vibration Impact Assessment Manual. During daytime hours, a significant temporary increase would be an increase in excess of the average daily noise levels of 80 dBA $L_{eq(8\text{-}hour)}$ as measured at a receiving noise-sensitive land use.

Construction-related Traffic Noise

Noise impacts from construction activities associated with the proposed project would be a function of the noise generated by construction equipment, equipment location, sensitivity of nearby land uses, and the timing and duration of the construction activities. One type of short-term noise impact that could occur during project construction would result from the increase in traffic flow on local streets, associated with the transport of workers, equipment, and materials to and from the project site. The transport of workers and construction equipment and materials to the project site would incrementally increase noise levels on access roads leading to the site. Because workers and construction equipment would use existing routes, noise from passing trucks would be similar to existing vehicle-generated noise on these local roadways. Typically, a doubling of the Average Daily Traffic (ADT) hourly volumes on a roadway segment is required in order to result in an increase of 3 dBA in traffic noise levels, which as discussed in the characteristics of noise discussion above, is the lowest change that can be perceptible to the human ear in outdoor environments.

The total existing PM peak-hour trips for Airport Drive north of Merle Haggard Drive is 217; Airport Drive south of Merle Haggard Drive is 176; Merle Haggard Drive east of Airport Drive is 221; and Merle Haggard Drive west of Airport Drive is 496. Based on the air quality analysis, the highest daily project trips during any phase of construction would be 897. The lowest existing daily traffic volume in the project vicinity is estimated to be 1,760 vehicles (based on 176 PM peak-hour trips on Airport Drive south of Merle Haggard Drive). Given that the highest number of daily project-related construction trips would be 897, project-related construction trips would not be anticipated to double the daily traffic volumes along any roadway segment in the project vicinity. For this reason, short-term intermittent noise from construction trips would not be expected to result in a perceptible increase in hourly or daily average traffic noise levels in the project vicinity. Therefore, short-term construction-related noise impacts associated with the transportation of workers and equipment to the project site would be less than significant.

Construction Equipment Operational Noise

The second type of short-term noise impact is related to noise generated during construction on the project site. Construction is completed in discrete steps, each of which has its own mix of equipment and, consequently, its own noise characteristics. These various sequential phases would change the character of the noise generated on the site and, therefore, the noise levels surrounding the site as construction progresses. Despite the variety in the type and size of construction equipment, similarities in the dominant noise sources and patterns of operation allow construction-related noise ranges to be categorized by work phase. Table 1 lists typical construction equipment noise levels, based on a distance of 50 feet between the equipment and a noise receptor. Typical operating cycles for these types of construction equipment may involve 1 or 2 minutes of full power operation followed by 3 or 4 minutes at lower power settings. Impact equipment such as pile drivers are not expected to be used during construction of the proposed project.

The site preparation phase, which includes excavation and grading of the site, tends to generate the highest noise levels because the loudest construction equipment is earthmoving equipment.

Earthmoving equipment includes excavating machinery and compacting equipment, such as bulldozers, draglines, backhoes, front loaders, roller compactors, scrapers, and graders. Typical operating cycles for these types of construction equipment may involve 1 or 2 minutes of full power operation followed by 3 or 4 minutes at lower power settings.

Construction of the proposed project is expected to require the use of a variety of heavy equipment. A reasonable worst-case scenario would be the five loudest pieces of equipment simultaneously operating at and near the closest point on the project site to the nearest sensitive receptor. The five loudest pieces of equipment would include excavators, rubber-tired bulldozers, graders, scrapers, and rollers. Based on the information provided in Table 2, the maximum operational noise level generated by each of these five pieces of equipment is 85 dBA L_{max} at 50 feet from this equipment. The calculation spreadsheet with the detailed modeling assumptions is included in Appendix A. The effect on sensitive receptors is evaluated below.

The closest noise-sensitive receptors to the project site are the single-family residential dwellings located southeast of the project site, south of Merle Haggard Drive and east of Airport Drive. The façade of this nearest sensitive receptor would be located approximately 600 feet from the acoustic center of construction activity where multiple pieces of heavy construction equipment would operate simultaneously during construction. At this distance, relative worst-case maximum construction noise levels would attenuate to below 60 dBA L_{max}, with relative worst-case hourly average construction noise levels attenuating to below 52 dBA L_{eq} at this receptor. The reasonable worst-case calculated 8-hour noise level would be 49 dBA $L_{eq(8\text{-}hour)}$, as measured at this nearest sensitive receptor. The calculation spreadsheet with the detailed modeling assumptions is included in Appendix A.

Additionally, there will be off-site improvements to the roadway. The closest noise sensitive receptors to the off-site improvement areas are the are the single-family residential dwellings located southeast of the project site, south of Merle Haggard Drive and east of Airport Drive. The façade of this nearest sensitive receptor would be located approximately 350 feet from the acoustic center of construction activity where construction equipment would operate simultaneously within the off-site improvement boundaries during construction. At this distance, relative worst-case maximum construction noise levels would attenuate to below 65 dBA L_{max}, with relative worst-case hourly average construction noise levels attenuating to below 56 dBA L_{eq} at this receptor. The reasonable worst-case calculated 8-hour noise level would be 53 dBA L_{eq}(8-hour), as measured at this nearest sensitive receptor. The calculation spreadsheet with the detailed modeling assumptions is included in Appendix A.

The calculated worst-case construction noise levels do not exceed the FTA's 80 dBA $L_{eq(8\text{-}hour)}$ threshold as measured at the nearest residential receptors. Additionally, the proposed project would comply with the City's standard permissible hours for construction (6:00 a.m. to 9:00 p.m. on weekdays and from 8:00 a.m. and 9:00 p.m. on weekends), which would ensure that construction noise would not result in a substantial increase in nighttime noise levels in the project vicinity. Furthermore, since traffic noise levels are the dominant noise source in the project vicinity, the modeled traffic noise levels shown in Table 7, below, are representative of the ambient noise levels in the project vicinity. Therefore, these reasonable worst-case construction noise levels would not exceed

the documented existing traffic noise levels (ranging from 67.2 dBA to 70.8 dBA CNEL). Therefore, temporary or periodic noise impacts from construction activities associated with implementation of the proposed project would be less than significant.

4.2.2 - Mobile Source Operational Noise Impacts

A significant impact would occur if implementation of the proposed project would result in a substantial increase in traffic noise levels in excess of established standards. Per MBGP Measure 10, a significant mobile source noise impact would occur where a project will cause:

- An increase of noise levels of the existing ambient noise level by 5 dB or more, where the existing ambient level is less than 60 dB CNEL
- An increase of the existing ambient noise level by 3 dB or more, where the existing ambient level is 60 to 65 dB CNEL
- An increase of the existing ambient noise level by 1.5 dB or more, where the existing ambient level is greater than 65 dB CNEL

Traffic noise levels along selected roadway segments in the project vicinity were modeled using the FHWA Traffic Noise Prediction Model (FHWA-RD-77-108). Site-specific information is entered, such as roadway traffic volumes, roadway active width, source-to-receiver distances, travel speed, noise source and receiver heights, and the percentages of automobiles, medium trucks, and heavy trucks that the traffic is made up of throughout the day, among other variables. The peak-hour traffic volumes were obtained from the traffic analysis prepared for the proposed project by Ruettgers & Schuler Civil Engineers.[7] The model inputs and outputs—including the 60 dBA, 65 dBA, and 70 dBA CNEL noise contour distances—are provided in the Appendix A of this document. Table 7, shows the traffic noise levels as measured at 50 feet from the centerline of the outermost travel lane.

Table 7: Traffic Noise Increase Summary

Roadway Segment	Existing No Project (dBA) CNEL[1]	Existing plus Project (dBA) CNEL[1]	Increase over Existing (dBA)
Airport Drive north of Merle Haggard Drive	67.7	69.7	2.0
Airport Drive south of Merle Haggard Drive	66.5	67.6	1.1
Merle Haggard Drive east of Airport Drive	66.5	67.0	0.5
Merle Haggard Drive west of Airport Drive	70.1	71.1	1.0

[7] Ruettgers & Schuler Civil Engineers. 2025. Traffic Study Warehousing, Manufacturing, and Retail Commercial Development Northwest Corner of Merle Haggard Drive & Airport Drive. February.

Roadway Segment	Existing No Project (dBA) CNEL[1]	Existing plus Project (dBA) CNEL[1]	Increase over Existing (dBA)

Notes:
CNEL = Community Noise Equivalent Level
dBA = A-weighted decibel
[1] As measured at 50 feet from the centerline of the outermost travel lane.
Source: FirstCarbon Solutions (FCS). 2025.

These calculated noise levels are measured at 50 feet from the centerline of the outermost travel lane. As shown in Table 7, the highest traffic noise level increase with implementation of the proposed project would be 2 dBA compared to existing traffic noise levels. These modeling results do not account for any shielding from existing soundwalls that are around the residential receptors along these roadway segments.

When minimal reductions are assumed for the existing soundwalls around receiving residential land uses along these roadway segments, and taking into account the additional attenuation due to distance, the calculated noise levels at the nearest receptors along these roadway segments are shown in Table 8.

Table 8: Traffic Noise Levels at Receiving Residential Land Uses

Roadway Segment	Distance to Residential Receptor[1]	Existing No Project (dBA) CNEL	Existing plus Project (dBA) CNEL	Increase over Existing (dBA)
Airport Drive north of Merle Haggard Drive	1,130	54.7	56.7	2.0
Airport Drive south of Merle Haggard Drive	50	60.5	61.6	1.1
Merle Haggard Drive east of Airport Drive	40	61.22	61.7	0.5
Merle Haggard Drive west of Airport Drive	NA3	NA	NA	NA

Notes:
CNEL = Community Noise Equivalent Level
dBA = A-weighted decibel
[1] As measured from the centerline of the outermost travel lane to nearest outdoor active use areas along the modeled roadway segment in the vicinity of the project site.
[2] Calculated as 66.5 dBA plus 0.7 dBA for the distance being closer than 50 feet from the outermost travel lane, minus 6 dBA for the soundwall shielding.
[3] NA = not applicable, because there are no residential receptors adjacent to this roadway segment.
Source: FirstCarbon Solutions (FCS). 2025.

These calculations assume standard distance attenuation rates for a line source, such as a roadway. The calculation also assumed a conservative 6 dBA shielding for any of the approximately 8-foot-high soundwalls surrounding these residential receptors.

The existing traffic noise levels along Airport Drive north of Merle Haggard Drive are below 60 dBA as measured at the nearest outdoor active use areas of residential land uses along this modeled roadway segment. Therefore, a 5 dBA increase would be considered a significant increase. However, the results show that the project increase would only be a 2 dBA increase, which would be a less than significant increase.

The existing traffic noise levels along Airport Drive south of Merle Haggard Drive are above 60 dBA but below 65 dBA, as measured at the nearest outdoor active use areas of residential land uses along this modeled roadway segment. Therefore, a 3 dBA increase would be considered a significant increase. However, the results show that the project increase would only be a 1.1 dBA increase, which would be a less than significant increase.

The existing traffic noise levels along Merle Haggard Drive east of Airport Drive are above 60 dBA but below 65 dBA, as measured at the nearest outdoor active use areas of residential land uses along this modeled roadway segment. Therefore, a 3 dBA increase would be considered a significant increase. However, the results show that the project increase would only be a 0.5 dBA increase, which would be a less than significant increase.

While there are no residential land uses along Merle Haggard Drive east of Airport Drive, the modeled traffic noise levels as measured at 50 feet from the centerline of the outermost travel lane are shown in Table 7 to be above 70 dBA, therefore, it can conservatively be assumed that a 1.5 dBA increase could be considered a significant increase. However, the results show that the project increase would only be a 1 dBA increase, which would be a less than significant increase.

This analysis demonstrates that project-related traffic would not result in a substantial permanent increase above existing traffic noise levels as measured at existing residential land uses along these modeled roadway segments. Therefore, impacts from project-related traffic noise levels would be less than significant.

4.2.3 - Stationary Source Operational Noise Impacts

A significant impact would occur if operational noise levels generated by stationary noise sources at the proposed project site would result in a substantial permanent increase in ambient noise levels in excess of applicable noise performance thresholds. The MBGP Noise Element (Chapter VII, Measure 4) establishes an exterior noise limit of 65 dBA CNEL and an interior noise limit of 45 dBA CNEL for stationary noise sources as measured at receiving noise-sensitive land uses. Furthermore, this measure also establsihes that operational noise levels shall not exceed 55 dBA L_{eq} during dayitme hours or 50 dBA L_{eq} during nighttime hours for a cumulative of 30 minutes in any 1-hour time period, as measured at the exterior of any residential receptor.

It should be noted that based on the EPA's Protective Noise Levels,[8] with a combination of walls, doors, and windows, standard construction in accordance with building code requirements for residential developments would provide 25 dBA in exterior-to-interior noise reduction with windows

[8] United States Environmental Protection Agency (EPA). Protective Noise Levels. EPA 550/9-79-100, November 1978

closed. Therefore, this analysis assumes that if exterior noise levels do not exceed 65 dBA CNEL, then they would also not exceed the interior noise threshold of 45 dBA CNEL (because 65 – 25 = 40).

The proposed project would generate noise from truck delivery loading and unloading activities at commercial loading areas; from parking lot activities, which includes people conversing, doors shutting, engine startup, and slow-moving vehicles; and from new exterior mechanical equipment sources, such as rooftop ventilation systems on proposed commercial uses. Potential impacts from these noise sources are discussed below.

Truck Loading Activities

Noise would be also generated by truck loading and unloading activities at the loading docks along the south side of Building 1, the north side of Building 2, the west side of Building 3, and the north and south sides of Building 4. Typical noise levels from truck loading and unloading activity range from 70 dBA to 80 dBA L_{max} as measured at 50 feet. These maximum noise level range includes noise from associated truck loading/unloading activity, including trucks maneuvering, truck trailer loading, truck trailer unloading, backup alarms or beepers, and truck docking noise.

The nearest noise-sensitive receptors are the single-family residential land uses located southeast of the project site, east of Airport Drive and south of Merle Haggard Drive, approximately 1,100 feet from the nearest proposed loading dock. Because of distance attenuation, reasonable worst-case maximum noise levels from truck loading and unloading activities would attenuate to below 48 dBA dBA L_{eq}. Assuming these hourly average noise levels occurred every hour for a 24-hour period, they would result in a reasonable worst-case noise level of 54 dBA CNEL as measured at the property line of this nearest receptor. The calculation spreadsheet with the detailed modeling assumptions is included in Appendix A.

These noise levels would not exceed the exterior noise limit of 65 dBA CNEL or the interior noise limit of 45 dBA CNEL, or the nighttime noise performance threshold of 50 dBA L_{eq} for stationary noise sources as measured at the nearest receiving noise-sensitive land use. Since traffic noise levels are the dominant noise source in the project vicinity, the modeled traffic noise levels shown in Table 7 are representative of the ambient noise levels in the project vicinity. Therefore, these truck loading/unloading activity noise levels would not exceed the documented existing traffic noise levels (ranging from 67.2 dBA to 70.8 dBA CNEL) as measured at the nearest receptor, therefore these operational noise levels would not result in an increase of 5 dB or more above ambient sound levels.

Therefore, noise levels from truck loading and unloading activities would not generate a substantial temporary or permanent increase in ambient noise levels in the project vicinity in excess of standards established in the local general plan or noise ordinance, and the impact would be less than significant. A discussion of the combined stationary source operational noise levels is provided below.

Parking Lot Activities

Typical parking lot activities include people conversing, doors shutting, and vehicles idling, which generate noise levels ranging from approximately 60 dBA to 70 dBA L_{max} at 50 feet. These activities

are expected to occur sporadically throughout the day, as visitors and staff arrive and leave parking lot areas at the project site.

The nearest noise-sensitive receptors to proposed parking areas are the single-family residential dwellings located single-family residential land uses located southeast of the project site, east of Airport Drive and south of Merle Haggard Drive. Proposed parking areas could be located approximately 750 feet from this closest sensitive receptor. At this distance, noise generated by typical parking lot activity would attenuate to below 25 dBA L_{eq}. Assuming these hourly average noise levels occurred every hour for a 24-hour period, they would result in a reasonable worst-case noise level of 31 dBA CNEL as measured at the property line of this nearest receptor. The calculation spreadsheet with the detailed modeling assumptions is included in Appendix A.

These noise levels would not exceed the exterior noise limit of 65 dBA CNEL or the interior noise limit of 45 dBA CNEL, or the nighttime noise performance threshold of 50 dBA L_{eq} for stationary noise sources as measured at the nearest receiving noise-sensitive land use. Since traffic noise levels are the dominant noise source in the project vicinity, the modeled traffic noise levels shown in Table 7 are representative of the ambient noise levels in the project vicinity. Therefore, these mechanical equipment operational noise levels would not exceed the documented existing traffic noise levels (ranging from 67.2 dBA to 70.8 dBA CNEL) as measured at the nearest receptor, therefore these operational noise levels would not result in an increase of 5 dB or more above ambient sound levels.

Therefore, noise levels from parking lot activity would not generate a substantial temporary or permanent increase in ambient noise levels in the project vicinity in excess of standards established in the local general plan or noise ordinance, and the impact would be less than significant. A discussion of the combined stationary source operational noise levels is provided below.

Mechanical Equipment Operations

At the time of preparation of this analysis, details were not available pertaining to the proposed rooftop mechanical ventilation systems for the project; therefore, a reference noise level for typical rooftop mechanical ventilation systems was used. Noise levels from commercially available rooftop mechanical ventilation equipment range from 50 dBA to 60 dBA L_{eq} at a distance of 25 feet.

The nearest noise-sensitive receptor to proposed rooftop mechanical ventilation equipment is the single-family residential dwelling located southeast of the project site, east of Airport Drive and south of Merle Haggard Drive. Rooftop mechanical ventilation equipment could be located approximately 1,120 feet from this closest sensitive receptor. At this distance, noise generated by typical rooftop mechanical ventilation equipment would attenuate to below 28 dBA $L_{eq.}$ Assuming these hourly average noise levels occurred every hour for a 24-hour period, they would result in a reasonable worst-case noise level of 35 dBA CNEL as measured at the property line of this nearest receptor. The calculation spreadsheet with the detailed modeling assumptions is included in Appendix A.

These noise levels would not exceed the exterior noise limit of 65 dBA CNEL or the interior noise limit of 45 dBA CNEL, or the nighttime noise performance threshold of 50 dBA L_{eq} for stationary noise sources as measured at the nearest receiving noise-sensitive land use. Since traffic noise levels are

the dominant noise source in the project vicinity, the modeled traffic noise levels shown in Table 7 are representative of the ambient noise levels in the project vicinity. Therefore, these mechanical equipment operational noise levels would not exceed the documented existing traffic noise levels (ranging from 67.2 dBA to 70.8 dBA CNEL) as measured at the nearest receptor, therefore these operational noise levels would not result in an increase of 5 dB or more above ambient sound levels.

Therefore, noise levels from on-site mechanical equipment operations would not generate a substantial temporary or permanent increase in ambient noise levels in the project vicinity in excess of standards established in the local general plan or noise ordinance, and the impact would be less than significant. A discussion of the combined stationary source operational noise levels is provided below.

Combined Stationary Source Operational Noise Impact Conclusion

Table 9, below, provides a summary of the calculated 24-hour average stationary source operational noise levels and the resulting combined stationary operational noise level from the simultaneous operation of all on-site stationary noise sources as measured at the nearest residential property line.

Table 9: 24-hour Average Stationary Source Operational Noise Levels

Source	24-hour Average Noise Levels at Nearest Residential Property Line (dBA, CNEL)	Calculated Interior Noise Level (dBA, CNEL)[1]	Exterior Noise Performance Thresholds (dBA, CNEL)	Interior Noise Performance Thresholds (dBA, CNEL)	Exceed Thresholds? (Yes/No)
Mechanical Ventilation Equipment	35	10	65	45	**No**
Truck Loading and Unloading Activities	54	29	65	45	**No**
Parking Lot Activities	31	6	65	45	**No**
Combined Noise Levels	54	29	65	45	**No**

Notes
dBA = A-weighted decibel
CNEL = Community Noise Equivalent Level
DNL = day/night average sound level
[1] Based on the EPA's Protective Noise Levels (550/9-79-100, November 1978), with a combination of walls, doors, and windows, standard construction in accordance with building code requirements for residential developments would provide 25 dBA in exterior-to-interior noise reduction with windows closed.
Source: FirstCarbon Solutions (FCS). 2025.

As shown in Table 8, the combined stationary source operational noise levels measured at the nearest residential property line would be 54 dBA CNEL. As a result, these combined stationary source operational noise levels would not exceed the exterior noise limit of 65 dBA CNEL and the resulting interior noise level of 29 dBA CNEL would not exceed the interior noise limit of 45 dBA CNEL for stationary noise sources as measured at the nearest receiving noise-sensitive land use.

Documented existing traffic noise levels along roadway segments adjacent to existing residential land uses range from 56.7 dBA to 57.8 dBA CNEL, as measured at 50 feet from the centerline of the outermost travel lane (see Table 7). Therefore, the combined stationary source operational noise levels would not exceed existing traffic noise levels at the nearest residential land use property lines, and these operational noise levels would not result in an increase of 5 dB or more above ambient sound levels.

Therefore, noise levels from combined stationary source operational noise levels would not generate a substantial temporary or permanent increase in ambient noise levels in the project vicinity in excess of standards established in the local general plan or noise ordinance and the impact would be less than significant.

4.3 - Groundborne Vibration/Noise Levels

This section analyzes both construction and operational groundborne vibration and noise impacts. Groundborne vibrations consist of rapidly fluctuating motions within the ground that have an average motion of zero. Vibrating objects in contact with the ground radiate vibration waves through various soil and rock strata to the foundations of nearby buildings. Groundborne noise is generated when vibrating building components radiate sound, or noise generated by groundborne vibration. In general, if groundborne vibration levels do not exceed levels considered to be perceptible, then groundborne noise levels would not be perceptible in most interior environments. Therefore, this analysis focuses on determining exceedances of groundborne vibration levels.

A significant impact would occur if the proposed project would generate groundborne vibration or groundborne noise levels in excess of established standards. Kern County has not adopted criteria for groundborne vibration impacts. Therefore, for purposes of this analysis, the FTA's vibration impact criteria are utilized. The FTA has established industry accepted standards for vibration impact criteria and impact assessment. These guidelines are published in its Transit Noise and Vibration Impact Assessment Manual.[9] These guidelines are summarized in Table 5.

4.3.1 - Short-term Construction Vibration Impacts

A significant impact would occur if existing structures at the project site or in the project vicinity would be exposed to groundborne vibration levels in excess of levels established by the FTA's Construction Vibration Impact Criteria for the listed type of structure, as shown in Table 5.

[9] Federal Transit Administration (FTA). 2018. Transit Noise and Vibration Impact Assessment Manual. September.

Of the variety of equipment used during construction, the large vibratory rollers that could be used in the site preparation and roadway improvement phases of construction would produce the greatest groundborne vibration levels. Large vibratory rollers produce groundborne vibration levels ranging up to 0.210 inches per second (in/sec) PPV at 25 feet from the operating equipment.

The nearest off-site structure to the project construction footprint where the heaviest construction equipment would operate is a structure located north of the project site, east of Landings Way. The façade of this structure would be located approximately 135 feet from the nearest point on the project site where large vibratory rollers equipment would potentially operate. At this distance, groundborne vibration levels would attenuate to below 0.016 PPV from operation of the types of equipment that would produce the highest vibration levels. This is well below the FTA's Construction Vibration Impact Criteria of 0.3 PPV for structures of engineered concrete construction. Therefore, the impact of short-term groundborne vibration associated with construction to off-site receptors would be less than significant.

4.3.2 - Operational Vibration Impacts

A significant operational vibration impact would occur if the proposed project would generate groundborne vibration levels in excess of 70 VdB for frequent events as measured at residences where people normally sleep.

Operation of the proposed project would involve operational traffic, including regular trips by delivery trucks (generating approximately 86 VdB as measured at 25 feet). The closest residential receptor are located over 60 feet from the nearest travel lane along roadway segments where project-related heavy trucks are projected to travel. At this distance vibration levels would attenuate to below 48 VdB. This is well below the FTA's vibration impact criteria of 70 VdB for frequent events as measured at residences where people normally sleep. Additionally, there are no active sources of groundborne vibration in the project vicinity that would produce vibration levels that would be perceptible without instruments within the project site. Therefore, the proposed project would not generate groundborne vibration or groundborne noise levels in excess of established standards and there would be no impact related to operational groundborne vibration.

4.4 - Excessive Noise Levels from Airport Activity

A significant impact would occur if the proposed project would expose people residing or working in the project area to excessive noise levels for a project located in the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport. A significant impact would also occur if compliance is not met with existing and projected airport noise levels set forth in the ALUCP for new developments in the vicinity of airports.

The nearest public airport to the project site is the Meadows Field Airport, located approximately 0.7 miles southwest of the project site. However, due to the orientation of the runways and flight patterns,

the project site is located outside of the 60 dBA CNEL airport noise contours.[10] Furthermore, the proposed project be in compliance with existing and projected airport noise levels set forth in the ALUCP.

While aircraft noise is occasionally audible on the project site from aircraft flyovers, aircraft noise associated with nearby airport activity would not expose people residing or working near the project site to excessive noise levels. Therefore, implementation of the proposed project would not expose persons residing or working in the project vicinity to noise levels from airport activity that would be in excess of normally acceptable standards for the proposed land use development and no impact would occur.

[10] City of Bakersfield. 2025. Airport Land Use Compatibility Plan. Website: https://docs.bakersfieldcity.us/WebLink/DocView.aspx?dbid=0&id=932206&page=1. Accessed March 7, 2025

Appendix A:

Noise Modeling Data

Mobile Construction Activity Noise Calculation

Receptor:	Receiving residential property line	Noise Level Calculation Prior to Implementation of Noise Attenuation Requirements								
		Reference (dBA) 50 ft	Quantity (pieces of	Usage	Distance to	Ground	Shielding	Calculated (dBA)		
No.	Equipment Description	Lmax	equipment)	factor[1]	Receptor	Effect[2]	(dBA)[3]	Lmax	Leq	Energy
1	Grader	85	1	40	600	1	3	60.4	45.6	36687.34242
2	Excavator	85	1	40	650	1	3	59.7	44.6	28855.58839
3	Dozer	85	1	40	650	1	3	59.7	44.6	28855.58839
4	Scraper	85	1	40	650	1	3	59.7	44.6	28855.58839
5	Rollers	85	1	40	650	1	3	59.7	44.6	28855.58839
6										
7										
8										
9										
10										
							Lmax[4]	60	Leq	52

Notes:
[1] Percentage of time activity occurs each hour
[2] Soft ground terrain between project site and receptor.
[3] Shielding due to existing 8-foot high soundwall around nearest residential receptors
[4] Calculated Lmax is the Loudest value.

Assumes equipment operates at closest point to residential property line as shown above
Assumes equipment operates at 650-feet from residential property line
Assumes equipment operates at 700-feet from residential property line
Assumes equipment operates at 750-feet from residential property line

Assumes equipment operates at 800-feet from residential property line
Assumes equipment operates at 850-feet from residential property line
Assumes equipment operates at 900-feet from residential property line
Assumes equipment operates at 950-feet from residential property line

8-Hour Average Noise Levels					
	Time	Hourly Leq	Leq'	0.1*Leq	antiLog
Night	12:00 AM	0.0	10.0	1	10
	1:00 AM	0.0	10.0	1	10
	2:00 AM	0.0	10.0	1	10
	3:00 AM	0.0	10.0	1	10
	4:00 AM	0.0	10.0	1	10
	5:00 AM	0.0	10.0	1	10
	6:00 AM	0.0	10.0	1	10
Day	7:00 AM	0.0	0.0	0	1
	8:00 AM	52.0	52.0	5.2	158489.3192
	9:00 AM	51.0	51.0	5.1	125892.5412
	10:00 AM	50.0	50.0	5	100000
	11:00 AM	49.0	49.0	4.9	79432.82347
	12:00 PM	0.0	0.0	0	1
	1:00 PM	48.0	48.0	4.8	63095.73445
	2:00 PM	48.0	48.0	4.8	63095.73445
	3:00 PM	47.0	47.0	4.7	50118.72336
	4:00 PM		0.0	0	1
	5:00 PM	0.0	0.0	0	1
	6:00 PM	0.0	0.0	0	1
Evening	7:00 PM	0.0	5.0	0.5	3.16227766
	8:00 PM	0.0	5.0	0.5	3.16227766
	9:00 PM	0.0	5.0	0.5	3.16227766
Night	10:00 PM	0.0	10.0	1	10
	11:00 PM	0.0	10.0	1	10
			Sum		640229.363
			Sum/8		80028.67037
			Log10(Sum/8)		4.903245601
			10*Log10(Sum/8)		49.03245601
			8-Hour Average		49

Mobile Construction Activity Noise Calculation - Offsite Improvements

Receptor:	Receiving residential property line	Noise Level Calculation Prior to Implementation of Noise Attenuation Requirements								
		Reference (dBA) 50 ft		Usage	Distance to	Ground	Shielding	Calculated (dBA)		
No.	Equipment Description	Lmax	Quantity	factor[1]	Receptor	Effect[2]	(dBA)[3]	Lmax	Leq	Energy
1	Excavator	85	1	40	350	1	3	65.1	52.7	184827.1945
2	Rollers	85	1	40	400	1	3	58.9	45.9	39155.25263
3	Skid Steer Loaders	80	1	40	400	1	3	58.9	49.9	98353.5478
4	Tractors/Loaders/Backhoes	84	1	40	400	1	3	62.9	49.9	98353.5478
5	Pumps	77	1	40	400	1	3	55.9	42.9	19624.11275
6										
7										
8										
9										
10										
							Lmax[4]	65	Leq	56

Notes:
[1] Percentage of time activity occurs each hour
[2] Soft ground terrain between project site and receptor.
[3] Shielding due to existing 8-foot high soundwall around nearest residential receptors
[4] Calculated Lmax is the Loudest value.

Assumes equipment operates at closest point to residential property line as shown above
Assumes equipment operates at 400 feet from residential property line
Assumes equipment operates at 450 feet from residential property line
Assumes equipment operates at 500 feet from residential property line
Lunch
Assumes equipment operates at 550 feet from residential property line
Assumes equipment operates at 600 feet from residential property line
Assumes equipment operates at 650 feet from residential property line
Assumes equipment operates at 700 feet from residential property line

8-Hour Average Noise Levels					
	Time	Hourly Leq	Leq'	0.1*Leq	antiLog
Night	12:00 AM	0.0	10.0	1	10
	1:00 AM	0.0	10.0	1	10
	2:00 AM	0.0	10.0	1	10
	3:00 AM	0.0	10.0	1	10
	4:00 AM	0.0	10.0	1	10
	5:00 AM	0.0	10.0	1	10
	6:00 AM	0.0	10.0	1	10
Day	7:00 AM	0.0	0.0	0	1
	8:00 AM	56.0	56.0	5.6	398107.1706
	9:00 AM	55.0	55.0	5.5	316227.766
	10:00 AM	53.0	53.0	5.3	199526.2315
	11:00 AM	52.0	52.0	5.2	158489.3192
	12:00 PM	0.0	0.0	0	1
	1:00 PM	51.0	51.0	5.1	125892.5412
	2:00 PM	50.0	50.0	5	100000
	3:00 PM	49.0	49.0	4.9	79432.82347
	4:00 PM	48.0	48.0	4.8	63095.73445
	5:00 PM	0.0	0.0	0	1
	6:00 PM	0.0	0.0	0	1
Evening	7:00 PM	0.0	5.0	0.5	3.16227766
	8:00 PM	0.0	5.0	0.5	3.16227766
	9:00 PM	0.0	5.0	0.5	3.16227766
Night	10:00 PM	0.0	10.0	1	10
	11:00 PM	0.0	10.0	1	10
			Sum		1440875.073
			Sum/8		180109.3842
			Log10(Sum/8)		5.255536341
			10*Log10(Sum/8)		52.55536341
			8-Hour Average		53

Parking Lot Activity Noise Calculation

Receptor:	Receiving residential property line									
		Reference (dBA) 50 ft		Usage	Distance to	Ground	Shielding	Calculated (dBA)		
No.	Equipment Description	Lmax	Quantity[1]	factor[2]	Receptor	Effect[3]	(dBA)[4]	Lmax	Leq	Energy
1	parking lot activity	70	5	1	750	1	3	43.5	18.7	74.24996054
2	parking lot activity	70	5	1	800	1	3	42.9	17.9	61.18008223
3	parking lot activity	70	5	1	825	1	3	42.7	17.5	55.78509432
4	parking lot activity	70	5	1	850	1	3	42.4	17.1	51.0062318
5	parking lot activity	70	5	1	875	1	3	42.1	16.7	46.75799264
6										
7										
8										
9										
10										
									Leq	25

Notes:
[1] Parking movement per each parking space
[2] Percentage of time activity occurs each hour
[3] Soft ground terrain between project site and receptor.
[4] Shielding due to existing 8-foot high soundwall around nearest residential receptors

CNEL Calculations					
	Time	Hourly Leq	Leq'	0.1*Leq	antiLog
Night	12:00 AM	24.6	34.6	3.460866827	2889.793615
	1:00 AM	24.6	34.6	3.460866827	2889.793615
	2:00 AM	24.6	34.6	3.460866827	2889.793615
	3:00 AM	24.6	34.6	3.460866827	2889.793615
	4:00 AM	24.6	34.6	3.460866827	2889.793615
	5:00 AM	24.6	34.6	3.460866827	2889.793615
	6:00 AM	24.6	34.6	3.460866827	2889.793615
Day	7:00 AM	24.6	24.6	2.460866827	288.9793615
	8:00 AM	24.6	24.6	2.460866827	288.9793615
	9:00 AM	24.6	24.6	2.460866827	288.9793615
	10:00 AM	24.6	24.6	2.460866827	288.9793615
	11:00 AM	24.6	24.6	2.460866827	288.9793615
	12:00 PM	24.6	24.6	2.460866827	288.9793615
	1:00 PM	24.6	24.6	2.460866827	288.9793615
	2:00 PM	24.6	24.6	2.460866827	288.9793615
	3:00 PM	24.6	24.6	2.460866827	288.9793615
	4:00 PM	24.6	24.6	2.460866827	288.9793615
	5:00 PM	24.6	24.6	2.460866827	288.9793615
	6:00 PM	24.6	24.6	2.460866827	288.9793615
Evening	7:00 PM	24.6	29.6	2.960866827	913.8329792
	8:00 PM	24.6	29.6	2.960866827	913.8329792
	9:00 PM	24.6	29.6	2.960866827	913.8329792
Night	10:00 PM	24.6	34.6	3.460866827	2889.793615
	11:00 PM	24.6	34.6	3.460866827	2889.793615
			Sum		32217.39381
			Sum/24		1342.391409
			Log10(Sum/24)		3.127879164
			10*Log10(Sum/24)		31.27879164
			24 Hour CNEL		31

Mechanical Equipment Noise Calculation

Receptor:	Receiving residential property line	Noise Level Calculation Prior to Implementation of Noise Attenuation Requirements								
		Reference (dBA) 25 ft		Usage	Distance to	Ground	Shielding	Calculated (dBA)		
No.	Equipment Description	Lmax	Quantity[1]	factor[2]	Receptor	Effect[3]	(dBA)[4]	Lmax	Leq	Energy
1	Commercial grade mechanical ventilation equipment	60	1	100	1100	0.5	3	24.1	15.9	39.0272822
2	Commercial grade mechanical ventilation equipment	60	2	100	1150	0.5	3	23.7	18.4	69.84501524
3	Commercial grade mechanical ventilation equipment	60	4	100	1200	0.5	3	23.4	21.0	125.5905314
4	Commercial grade mechanical ventilation equipment	60	4	100	1250	0.5	3	23.0	20.5	113.4057253
5	Commercial grade mechanical ventilation equipment	60	4	100	1300	0.5	3	22.7	20.1	102.8138524
6	Commercial grade mechanical ventilation equipment	60	4	100	1350	0.5	3	22.4	19.7	93.55685017
7	Commercial grade mechanical ventilation equipment	60	4	100	1400	0.5	3	22.0	19.3	85.42597098
8	Commercial grade mechanical ventilation equipment	60	4	100	1450	0.5	3	21.7	18.9	78.25102003
9										
10										
									Leq	28

Notes:
[1] Number of units at this distance
[2] Percentage of time activity occurs each hour
[3] Soft ground terrain between project site and receptor.
[4] Shielding due to existing 8-foot high soundwall around nearest residential receptors

CNEL Calculations					
	Time	Hourly Leq	Leq'	0.1*Leq	antiLog
Night	12:00 AM	28.5	38.5	3.84998188	7079.162477
	1:00 AM	28.5	38.5	3.84998188	7079.162477
	2:00 AM	28.5	38.5	3.84998188	7079.162477
	3:00 AM	28.5	38.5	3.84998188	7079.162477
	4:00 AM	28.5	38.5	3.84998188	7079.162477
	5:00 AM	28.5	38.5	3.84998188	7079.162477
	6:00 AM	28.5	38.5	3.84998188	7079.162477
Day	7:00 AM	28.5	28.5	2.84998188	707.9162477
	8:00 AM	28.5	28.5	2.84998188	707.9162477
	9:00 AM	28.5	28.5	2.84998188	707.9162477
	10:00 AM	28.5	28.5	2.84998188	707.9162477
	11:00 AM	28.5	28.5	2.84998188	707.9162477
	12:00 PM	28.5	28.5	2.84998188	707.9162477
	1:00 PM	28.5	28.5	2.84998188	707.9162477
	2:00 PM	28.5	28.5	2.84998188	707.9162477
	3:00 PM	28.5	28.5	2.84998188	707.9162477
	4:00 PM	28.5	28.5	2.84998188	707.9162477
	5:00 PM	28.5	28.5	2.84998188	707.9162477
	6:00 PM	28.5	28.5	2.84998188	707.9162477
Evening	7:00 PM	28.5	33.5	3.34998188	2238.627735
	8:00 PM	28.5	33.5	3.34998188	2238.627735
	9:00 PM	28.5	33.5	3.34998188	2238.627735
Night	10:00 PM	28.5	38.5	3.84998188	7079.162477
	11:00 PM	28.5	38.5	3.84998188	7079.162477
			Sum		78923.34047
			Sum/24		3288.472519
			Log10(Sum/24)		3.516994217
			10*Log10(Sum/24)		35.16994217
			24 Hour CNEL		35

Loading/Unloading Noise Calculation

Receptor:	Receiving residential property line	Noise Level Calculation Prior to Implementation of Noise Attenuation Requirements								
		Reference (dBA) 50 ft			Distance to	Ground	Shielding	Calculated (dBA)		
No.	Equipment Description	Lmax	Quantity[1]	Usage factor[2]	Receptor	Effect[3]	(dBA)[4]	Lmax	Leq	Energy
1	Loading/Unloading Activity	80	3	25	1180	0.5	3	49.5	41.4	13892.52721
2	Loading/Unloading Activity	80	3	25	1240	0.5	3	49.1	40.9	12272.47232
3	Loading/Unloading Activity	80	3	25	1280	0.5	3	48.8	40.5	11336.03949
4	Loading/Unloading Activity	80	3	25	1330	0.5	3	48.5	40.1	10300.47309
5	Loading/Unloading Activity	80	3	25	1380	0.5	3	48.2	39.7	9392.659057
6										
7										
8										
9										
10										
									Leq	48

Notes:

[1] Number of loading docks at this approximate distance

[2] Percentage of time loading/unloading activity occurs each hour

[3] Soft ground terrain between project site and receptor.

[4] Shielding due to existing 8-foot high soundwall around nearest residential receptors

CNEL Calculations					
	Time	Hourly Leq	Leq'	0.1*Leq	antiLog
Night	12:00 AM	47.6	57.6	5.757351771	571941.7116
	1:00 AM	47.6	57.6	5.757351771	571941.7116
	2:00 AM	47.6	57.6	5.757351771	571941.7116
	3:00 AM	47.6	57.6	5.757351771	571941.7116
	4:00 AM	47.6	57.6	5.757351771	571941.7116
	5:00 AM	47.6	57.6	5.757351771	571941.7116
	6:00 AM	47.6	57.6	5.757351771	571941.7116
Day	7:00 AM	47.6	47.6	4.757351771	57194.17116
	8:00 AM	47.6	47.6	4.757351771	57194.17116
	9:00 AM	47.6	47.6	4.757351771	57194.17116
	10:00 AM	47.6	47.6	4.757351771	57194.17116
	11:00 AM	47.6	47.6	4.757351771	57194.17116
	12:00 PM	47.6	47.6	4.757351771	57194.17116
	1:00 PM	47.6	47.6	4.757351771	57194.17116
	2:00 PM	47.6	47.6	4.757351771	57194.17116
	3:00 PM	47.6	47.6	4.757351771	57194.17116
	4:00 PM	47.6	47.6	4.757351771	57194.17116
	5:00 PM	47.6	47.6	4.757351771	57194.17116
	6:00 PM	47.6	47.6	4.757351771	57194.17116
Evening	7:00 PM	47.6	52.6	5.257351771	180863.8498
	8:00 PM	47.6	52.6	5.257351771	180863.8498
	9:00 PM	47.6	52.6	5.257351771	180863.8498
Night	10:00 PM	47.6	57.6	5.757351771	571941.7116
	11:00 PM	47.6	57.6	5.757351771	571941.7116
			Sum		6376397.008
			Sum/24		265683.2087
			Log10(Sum/24)		5.424364108
			10*Log10(Sum/24)		54.24364108
			24 Hour CNEL		54

TABLE Existing-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/26/2025
ROADWAY SEGMENT: Airport Drive - north of Merle Haggard Drive
NOTES: Airport Commerce Center - Existing

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2200 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	69.50	12.90	9.60
M-TRUCKS	1.44	0.06	1.50
H-TRUCKS	2.40	0.10	2.50

ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.71

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	114.0	358.8	1134.0

TABLE Existing-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/26/2025
ROADWAY SEGMENT: Airport Drive - south of Merle Haggard Drive
NOTES: Airport Commerce Center - Existing

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1800 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	69.50	12.90	9.60
M-TRUCKS	1.44	0.06	1.50
H-TRUCKS	2.40	0.10	2.50

ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.50

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	94.4	293.7	927.1

TABLE Existing-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/26/2025
ROADWAY SEGMENT: Merle Haggard Drive - east of Airport Drive
NOTES: Airport Commerce Center - Existing

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2300 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	69.50	12.90	9.60
M-TRUCKS	1.44	0.06	1.50
H-TRUCKS	2.40	0.10	2.50

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.46

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	100.8	310.6	979.4

TABLE Existing-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/26/2025
ROADWAY SEGMENT: Merle Haggard Drive - west of Airport Drive
NOTES: Airport Commerce Center - Existing

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5000 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	69.50	12.90	9.60
M-TRUCKS	1.44	0.06	1.50
H-TRUCKS	2.40	0.10	2.50

ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.12

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
69.7	213.8	673.9	2130.2

TABLE Existing with Project-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/26/2025
ROADWAY SEGMENT: Airport Drive - north of Merle Haggard Drive
NOTES: Airport Commerce Center - Existing with Project

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 3500 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	69.50	12.90	9.60
M-TRUCKS	1.44	0.06	1.50
H-TRUCKS	2.40	0.10	2.50

ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

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* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.72

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
58.3	180.8	570.6	1803.8

TABLE Existing with Project-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/26/2025
ROADWAY SEGMENT: Airport Drive - south of Merle Haggard Drive
NOTES: Airport Commerce Center - Existing with Project

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2300 SPEED (MPH): 50 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES DAY	EVENING	NIGHT
AUTOS	69.50	12.90	9.60
M-TRUCKS	1.44	0.06	1.50
H-TRUCKS	2.40	0.10	2.50

ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: HARD

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* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.57

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL 70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	119.8	375.0	1184.5

TABLE Existing with Project-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/26/2025
ROADWAY SEGMENT: Merle Haggard Drive - east of Airport Drive
NOTES: Airport Commerce Center - Existing with Project

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2600 SPEED (MPH): 45 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES DAY	EVENING	NIGHT
AUTOS	69.50	12.90	9.60
M-TRUCKS	1.44	0.06	1.50
H-TRUCKS	2.40	0.10	2.50

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL 70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	113.3	350.9	1107.1

TABLE Existing with Project-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/26/2025
ROADWAY SEGMENT: Merle Haggard Drive - west of Airport Drive
NOTES: Airport Commerce Center - Existing with Project

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* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6200 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	EVENING	NIGHT
AUTOS	69.50	12.90	9.60
M-TRUCKS	1.44	0.06	1.50
H-TRUCKS	2.40	0.10	2.50

ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: HARD

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.05

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
85.5	264.8	835.5	2641.4

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Memorandum

Date:	February 2, 2026
To:	Bryce Holman, Principal, ACC Bakersfield JV, LLC
From:	Philip Ault, Director of Noise and Air Quality, FirstCarbon Solutions
Subject:	Airport Commerce Center Industrial Project–Supplemental Cumulative Noise Impact Analysis

At the request of ACC Bakersfield JV, LLC (project applicant), FirstCarbon Solutions (FCS) has prepared this memorandum to provide supplemental cumulative noise impact analysis for the Airport Commerce Center Industrial Project that can be incorporated into the Environmental Impact Report (EIR).

Cumulative Noise and Vibration Impact Methodology

The cumulative impact analysis evaluates whether the impacts of the proposed project, together with the impacts of cumulative development listed in the Cumulative Projects List (Attachment A), could result in a cumulatively significant impact with respect to noise. The analysis also considers whether the incremental contribution of impacts associated with the implementation of the proposed project would be significant. Both conditions must apply for a project's cumulative effects to rise to the level of a significant impact. If there is no impact associated with respect to a particular California Environmental Quality Act (CEQA) threshold, discussion of cumulative impacts is not required.

Existing Ambient Noise Environment

Since traffic noise levels are the dominant noise source in the project vicinity, the modeled traffic noise levels shown in Table 1 (which is the same as Table 8 of the Noise Impact Analysis Report) are representative of the ambient noise levels in the project vicinity. In addition, as is noted in the airport noise impact analysis, the project site is located well outside of the 65 A-weighted decibels (dBA) Community Noise Equivalent Level (CNEL) airport noise contours and is not located within an airport land use plan planning area. Therefore, the traffic noise contour data is a conservative representation of the existing noise environment in the vicinity of sensitive receptors in the project vicinity.

Table 1: Traffic Noise Levels at Receiving Residential Land Uses

Roadway Segment	Distance to Residential Receptor[1]	Existing No Project (dBA) CNEL	Existing plus Project (dBA) CNEL	Increase over Existing (dBA)
Airport Drive north of Merle Haggard Drive	1,130	54.7	56.7	2.0
Airport Drive south of Merle Haggard Drive	50	60.5	61.6	1.1
Merle Haggard Drive east of Airport Drive	40	61.22	61.7	0.5
Merle Haggard Drive west of Airport Drive	NA3	NA	NA	NA

Notes:
CNEL = Community Noise Equivalent Level
dBA = A-weighted decibel
[1] As measured from the centerline of the outermost travel lane to nearest outdoor active use areas along the modeled roadway segment in the vicinity of the project site.
[2] Calculated as 66.5 dBA plus 0.7 dBA for the distance being closer than 50 feet from the outermost travel lane, minus 6 dBA for the sound wall shielding.
[3] NA = not applicable, because there are no residential receptors adjacent to this roadway segment.
Source: FirstCarbon Solutions (FCS). 2025.

Geographic Scope for Cumulative Analysis

The geographic scope of the cumulative noise analysis is limited by the range of potential noise impacts. Noise impacts tend to be localized; therefore, the geographic scope for evaluating cumulative noise impacts for construction, traffic and stationary noise sources are limited to approximately 500 feet from the source. Noise impacts for airport-related noise sources are limited to the areas within an airport's 65 dBA CNEL noise contours.

Groundborne vibration impacts are even more localized than noise impacts, such that the geographic scopes for evaluating cumulative noise impacts are areas within approximately 50 feet of construction groundborne vibration sources or within 100 feet of a railroad or similar permanent groundborne vibration sources.

Cumulative Noise and Vibration Impact Analysis

Substantial Noise Increase in Excess of Standards

Construction Noise Impacts

As explained above, the geographic scope is limited to 500 feet from the property edge. The significance threshold for a cumulative construction noise impact would be a substantial temporary noise increase at any receptor in the project vicinity that is already exposed to excessive noise levels.

The nearest project on the Cumulative Projects List (Attachment A) is at James Road and Carrier Parkway Avenue, over 1,200 feet north of the project site property line. Therefore, none of the cumulative projects are located within the 500-foot geographic scope of the project site where they could contribute

to a cumulative construction noise impact with the proposed project. In addition, since traffic noise levels are the dominant noise source in the project vicinity, the modeled traffic noise levels shown in Table 1 are representative of the ambient noise levels in the project vicinity. These documented existing traffic noise levels along roadway segments adjacent to existing residential land uses range from 54.7 dBA to 61.2 dBA CNEL, as measured at receiving residential land uses in the project vicinity. These noise levels are considered normally acceptable for residential land uses and do not constitute a cumulative noise impact. Therefore, since there is not a cumulative noise impact in the project vicinity, implementation of the proposed project would result in a less than significant contribution to a cumulative impact related to stationary source noise.

In addition, as shown in the construction noise impact analysis, the proposed project's reasonable worst-case construction noise levels would not result in a substantial temporary increase in ambient noise levels as measured at the nearest sensitive receptors in the project vicinity.

Therefore, construction noise impacts associated with implementation of the proposed project would not result in a potentially significant cumulatively considerable contribution to the already less than significant cumulative noise impact in the project vicinity. This would result in no impact.

Operational Mobile Source Noise Impacts

The significance threshold for a cumulative mobile source operational noise impact would be a substantial permanent noise increase at any receptor in the project vicinity that is already exposed to excessive noise levels. Since traffic noise levels are the dominant noise source in the project vicinity, the modeled traffic noise levels shown in Table 1 are representative of the ambient noise levels in the project vicinity. These documented existing traffic noise levels along roadway segments adjacent to existing residential land uses range from 54.7 dBA to 61.2 dBA CNEL as measured at receiving residential land uses in the project vicinity. These existing ambient noise levels are considered normally acceptable for residential land uses and do not constitute a cumulative noise impact.

In addition, as is shown in Table 1, the proposed project's maximum contribution to traffic noise levels on roadway segments in the project vicinity is a 2 dBA increase. Audible increases in noise levels generally refer to a change of 3 dB or more as this level has been found to be barely perceptible to the human ear in outdoor environments. Therefore, this increase is less than a perceptible increase. Furthermore, the resulting traffic noise levels with implementation of the project would range up to only 61.7 dBA CNEL as measured at 50 feet from the centerline of the outermost travel lane. These noise levels are considered normally acceptable for noise-sensitive residential land uses and thus would not constitute a significant impact.

Therefore, traffic noise impacts associated with implementation of the proposed project would not result in a potentially significant cumulatively considerable contribution to the already less than significant cumulative noise impact in the project vicinity. This impact would be less than significant.

Operational Stationary Noise Impacts

The significance threshold for a cumulative stationary source operational noise impact would be a substantial permanent noise increase at any receptor in the project vicinity that is already exposed to

excessive noise levels. The proposed project would introduce new stationary noise sources, including rooftop mechanical ventilation systems, parking lot activity, and truck loading/unloading operations.

The nearest project on the Cumulative Projects List (Attachment A), is the project at James Road and Carrier Parkway Avenue located over 1,200 feet north of the project site property line. Therefore, none of the cumulative projects are located within 500 feet of the project site that could contribute to a cumulative operational stationary source noise impact with the proposed project. In addition, since traffic noise levels are the dominant noise source in the project vicinity, the modeled traffic noise levels shown in Table 1 are representative of the ambient noise levels in the project vicinity. These documented existing traffic noise levels along roadway segments adjacent to existing residential land uses range from 54.7 dBA to 61.2 dBA CNEL as measured at receiving residential land uses in the project vicinity. These noise levels are considered normally acceptable for residential land uses and do not constitute a cumulative noise impact. Therefore, since there is not a cumulative noise impact in the project vicinity, implementation of the proposed project would result in a less than significant cumulative impact related to stationary source noise.

It should be noted that the proposed project noise impact analysis demonstrates that the combined reasonable worst-case operational noise level from project-related stationary noise sources would attenuate to 54 dBA CNEL as measured at the nearest residential property line. This combined reasonable worst-case operational noise level would not exceed the documented existing ambient noise levels as measured at the nearest residential receptor property line.

Therefore, stationary source noise impacts associated with implementation of the proposed project would not result in a potentially significant cumulatively considerable contribution to the already less than significant cumulative noise impact in the project vicinity. This impact would be less than significant.

Excessive Groundborne Vibration Levels

Construction Vibration Impacts

Construction-related groundborne vibration impacts are highly localized; therefore, only areas within approximately 50 feet of a construction site could potentially be affected by groundborne vibration resulting from construction activities. There are no significant permanent sources of groundborne vibration located within 100 feet of the project site. In addition, the nearest project on the cumulative project list (attached), is at James Road and Carrier Parkway Avenue, over 1,200 feet north of the project site property line, which is well beyond the 50-foot distance where a cumulative construction vibration impact could occur. Thus, since there is not a cumulative groundborne vibration impact in the project vicinity, there would be no cumulative impact related to construction groundborne vibration.

Therefore, construction groundborne vibration impacts associated with implementation of the proposed project would not result in a potentially significant cumulatively considerable contribution to the already less than significant cumulative groundborne vibration impacts in the project vicinity. This would result in no impact.

Operational Groundborne Vibration Impacts

The only cumulatively considerable contribution to groundborne vibration conditions in the project vicinity would result from introduction of new permanent/operational sources of groundborne vibration to an existing impacted environment. There are no significant operational sources of groundborne vibration located within 100 feet of the project site, and none of the cumulative projects are within 100 feet of the project site. In addition, implementation of the proposed project would not include any significant permanent/operational sources that would expose persons in the project vicinity to groundborne vibration levels that could be perceptible without instruments at any sensitive land use in the project vicinity.

Therefore, operational groundborne vibration impacts associated with implementation of the proposed project would not result in a potentially significant cumulatively considerable impact. Moreover, the proposed project would not contribute to the already less than significant cumulative groundborne vibration impacts in the project vicinity. This would result in no impact.

Excessive Noise Levels from Airport Activity

The geographic scope of the cumulative noise analysis is limited by the range of potential noise impacts. Noise impacts for airport-related noise sources are limited to the areas within the airport's 65 dBA CNEL noise contours or within an airport land use plan planning area. As noted in the proposed project airport impact analysis, the project site is located well outside of the 65 dBA CNEL airport noise contours and is not located within an airport land use plan planning area.

Therefore, implementation of the proposed project would not result in a significant cumulative airport noise impact to this already less than significant cumulative impact for the project vicinity and there would be no impact in this regard.

Conclusion

Noise impacts associated with implementation of the proposed project would not result in a potentially significant cumulatively considerable contribution to the already less than significant cumulative noise impact in the project vicinity. This impact would be less than significant.

Sincerely,



Philip Ault, Director of Noise and Air Quality
FirstCarbon Solutions
2999 Oak Road, Suite 250
Walnut Creek, CA 94597

Attachments: Attachment A–Cumulative Projects List

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Attachment A:

Cumulative Projects List

Name	Project Location	Project	Zone Map	Section/Township/Range	Approx. Acreages	Status
IPG Industrial	Southwest Corner of Boughton Drive and Airport Drive in Bakersfield, CA	Industrial Park/Distribution Warehousing	102	Section 2, Township 29S, Range 27E	49	Deemed Complete
Malibu Vineyards	34344 Imperial Avenue, Bakersfield, CA	Industrial Park/Distribution Warehousing	80 & 81	Section 24, Township 28S, Range 26E	739	EIR Circulation
N/A	6400 Price Way, Bakersfield, CA	Warehouse and outdoor industrial storage yard	102	Section 22, Township 29S, Range 27E	N/A	applied
PD 34, Map 102-10	7117 Dole Court, Bakersfield, CA	Trucking facility with truck service, repair, and truck wash	102-10	Section 10, Township 29S, Range 27E	10.5	Applied
ZCC, Map 102	5950 State Road, Bakersfield, CA	Industrial retail operations	102	Section 11, Township 29S, Range 27E	0.6	Applied
N/A	0 Downing Avenue, Bakersfield, CA	Warehouse and Office	102	N/A	3.51	In Review
PD 86, ZV 24	3017 Fruitvale Avenue, Bakersfield, CA	Office warehouse for industrial services	102	Section 21, Township 29S, Range 27E	2.35	Applied
Commerce Construction Co by John R Burroughs	SE corner of Imperial Avenue and Highway 65	Four warehouse buildings for passenger vehicles and trailers	81	Section 33, T. 28S/ R.27ESE	266	Deemed Complete
PD Mod	Intersection of Carrier Parkway Avenue and James Road, Bakersfield, CA	Concrete tilt-up warehouse	81-35	Section 35, Township 28S, Range 27E	N/A	Applied
City of Shafter						
Tract 7244–Phase 1	Marcona Preserve Specific Plan Area	Development Agreement, Improvement Agreement, CFD Annexation, Final Map for development of 188 SFR units	80	Section 36/T.28S/R.27E	60.3	In review

Name	Project Location	Project	Zone Map	Section/Township/Range	Approx. Acreages	Status
Tract 7388–Phase 2	Gossamer Grove Specific Plan Area	Final Map for 13 SFR units	81	Section 31/T.28S/R.27E	2.2	In Review
Tract 7422	Gossamer Grove Specific Plan Area	Tentative Map for 1,251 SFR units	81	Section 31/T.28S/R.27E	352.0	In Review
Tract 7447	Gossamer Grove Specific Plan Area	Tentative Map for 147 SFR lots	81	Section 31/T.28S/R.27E	32.2	In Review
Wonderful Industrial Park Expansion	NE Corner of 7th Standard Road/Santa Fe Way	Expansion of Development of industrial and logistics center	80	Multiple Sections; T.28S/R.26E	1,800	In Review
City of Bakersfield						
Rosedale Ranch Trade and Transportation Park	SE corner of 7th Standard Road/ Santa Fe Way; North of Olive Drive	Drive development of logistics center	101	Multiple sections; T.29S/R.26E	1,600	In Review
GPA/ZCC 22-01278; PDR 22-0073	North of Hwy 178 between Vista Montana Drive and Valley Street	Mini warehouse storage	104_16	Section 16/T.29S/R.29E	44.32	DENIED
GPA/ZCC 21-0136	612 Fairview Road	LR to HMR; R-1 to R-2	124_19	Section 19/T.30S/R.28E	17.32	Applied
GPA/ZCC 21-0322	7100 South H Street	LR/LMR to GC; R-1/R-1 PUD to C-2/PCD	124_30	Section 124_30/T.30S/R.28E	25.83	Approved
GPA/ZCC 21-0302	9700 & 9850 Camino Media	OC to HMR; C-O to R-2	123	Section 6/T.30S/R.27E	11.22	Approved
GPA/ZC 21-0326	3300 Rio Mirada Drive	HC to HR; M-1 to R-4	102-14	Section 14/T.29S/R.27E	4.33	Approved
GPA/ZC 22-0125	SW Corner of Berkshire Road and Ashe Road	336-unit apartment complex	123	Section 28/T.30S/R.27E	19.96	Approved
GPA/ZC 20-0109	4021 Mt Vernon Avenue; SE Corner of Mt Vernon Frontage Road and Church Avenue	OC to HR; C-O to R-3	103	Section 15/T.29S/28E	0.68	Applied
GPA/ZC 20-0339	(1/4) mile south of Renfro on Santa Fe Way	LR to LI; R-1 to M-1	101-14	Section 14/T.29S/R.26E	3.5	Approved

Name	Project Location	Project	Zone Map	Section/Township/Range	Approx. Acreages	Status
GPA/ZC 20-0397	2323 Chester Lane; SE corner of Chester Lan and A Street	GC to HR; R-2/R-3 to R-4	102_36	Section 36/T.29S/R.27E	0.64	Approved
GPA/ZC 21-0008	1108 H Street; SE Corner of California Ave and H Street	OC to GC; C-O to C-1	103	Section 31/T.29S/R.28E	0.15	Approved
GPA/ZC 20-0172	NW corner of Fairfax and College Avenue	LR to HMR/GC; R-1 to R-2/C-2	103	Section 24/T.29S/28E	15.45	Applied
GPA/ZC 23-0015; CUP 23-0023	SE Corner of 7th Standard and Rudd Avenue	LR/LMR/HMR/MUC/GC to LI; R-1/R-1-PUD/R-2-PUD/C-1/C-2-P.C.D/DI to M-1; CUP for freight terminal	101	Section 3/T.29S/R26E	920	Approved
GPA/ZC 21-0179	south of Hosking Avenue and West of South H Street	LR to GC; R-1 to C-2-PCD	123_36	Section 36/T.30S/27E	21.4	Approved
GPA/ZC 22-0027; CUP 22-0310	SW Corner of 7th Standard and Rudd Avenue	LMR/HMR to LI; R-1-PUD/R-2-PUD to M-1; CUP for freight terminal	101	Section 3/T.29S/R26E	458.54	Approved
GPA/ZC 22-0421	2700 White Lane	GC to HR; C-2 to R-4	123	Section 13/T.30S/27E	2.49	REFERRED BACK
GPA (Circ) 21-0089	Etchart Road between Shane Street and Jewetta	removed planned collector	101	Section1/T.29S/R.26E	n/a	approved
GPA (Circ) 21-0265	SW of Knudsen Drive/Hageman Road intersection, between Knudsen Drive and 7th Standard Street	removed planned collector	102	Section15/T.29S/R.26E	n/a	approved
GPA/ZC 22-0104	North of Fairview Road between Monitor Street and S. Union Avenue	LR to GC; R-1 to C-2-PCD	124_19	Section 19/T.30S/R.28E	19.35	Approved

Name	Project Location	Project	Zone Map	Section/Township/Range	Approx. Acreages	Status
Majestic Gateway Industrial Project; GPA/ZC 21-0184	NW Corner of Hosking Avenue and South H Street	GC to LI (90.5 ac); C-2/PCD to M-1 (56.75 ac portion) & C-2/PCD to PCD (33.75 ac portion)	123_25	Section 25/T.30S/R.27E	90.5	Approved
GPA/ZC 22-0337; PDR 23-0331; ZC 23-0508	NE corner of South Allen Road and Pensinger Road	LR to HMR; R-1 to R-3/PUD; Circ delete Pacheco Road between S. Allen and Buena Vista	122_23	Section 23/T.30S/R.26E	80	Approved
GPA/ZC 23-0012	9407 South H Street; NW Corner of Taft Highway and South H	LR/GC to HMR; R-1 to R-3	123	Section 11/T.30S/R.27E	5.65	Approved
GPA/ZC/pdR 22-0122	SE Corner of Hageman Road and Landco Drive	SR to GC; A to C-2/PCD; Truck Rental and Self-Storage	123_36	Section 36/T.30S/27E	11.23	Approved
GPA/ZC 21-0284	North of Taft Highway between Gosford Road and Ashe Road (Kaiser Permanente Sports Village)	HI to SI; M-3 to M-2	102_14	Section 14/T.29S/R.27E	79.84	Approved
GPA/ZC 21-0383	westside of Renfro Road at Brimhall Road	GC to OS-P (25 ac portion) & OS-P to GC (28 ac portion); C-2/PCD to RE (25 ac portion) and RE to C-2 (28 ac portion) and C-2/PCD to C-2 (12 ac portion)	123	Section 33/T.30S/R.27E	65	Approved
N/A	Taft Highway west of Highway 99	Conditional Use Permit: Truck stop	142	Section 1/ T.31S/R.27E	16	In Review
N/A	South Union at Berkshire Road	General Plan Amendment and Zone Change	124	Section 29/T.30S/28E	Unknown	In Review
N/A	Hosking Avenue at Wible Road	General Plan Amendment and Zone Change:	123	Section 35/T.30S/27E	4	In Review
N/A	2901 Calloway Drive	Site Plan Review for 971 sf drive-thru coffee shop	102-19	Section 19/T.29S/R.27E	0.39	In Review

Name	Project Location	Project	Zone Map	Section/Township/Range	Approx. Acreages	Status
N/A	9301-9315 Thistlewood Court	N/A	102-29	Section 29/ T.29S/R.7E	1.07	In Review
N/A	3925 Rosedale Hwy	Site Plan Review for 4,990 sf retail building	102-26	Section 26/T.29S/R.27.E	.39	In Review
N/A	7511 Rosedale Hwy	Site Plan review for warehouse and office	102	Section 28/T.29S/R.27E	5.22	In Review
N/A	3220 Rio Mirada Drive	Site Plan Review for 971 drive-thru coffee shop	102-19	Section 19/T.29S/R.27E	.39	In Review
N/A	4420 Coffee Road	Site Plan review for an 1,811 sf addition (coffee shop with drive-thru)	102-16	Section 16/T.29S/R.27E	1.15	In Review
N/A	4601 Coffee Road	Site Plan Review for the addition of a new pad for a 1,906 sf drive-thru restaurant in a retail center	102	Section 17/T.29S/R.27E	.89	In Review
N/A	4733 Centennial Plaza Way	Site Plan Review for a 8,492 sf office building	102	Section 17/T.29S/R.27E	.74	In Review
N/A	5512 Knudsen Drive	Site Plan Review for a 39,648 sf medical outpatient facility	102-15	Section 15/T.29S/R.27E	10.11	In Review
N/A	2420 Wedding Lane	Conditional Use Permit for expansion of existing legal non-conforming mobile home park	102-28	Section 28/T.29S/R.27E	.20	In Review
N/A	9600 Retail Drive	Conditional Use Permit to allow operation of a cocktail bar	102	Section 20/T.29S/R.27E	.80	In Review
N/A	4301 Verdugo Lane	Conditional Use Permit to allow 200-unit complex in C-1 Zone	102	Section 18/T.29S/R.27E	3.88	In Review

Name	Project Location	Project	Zone Map	Section/Township/Range	Approx. Acreages	Status

Key:
I-5 = Interstate 5
SR = State Route
GPA = General Plan Amendment
ZC = Zone Change
sf = square feet

Appendix L
Traffic Study

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Project No: 675-02

TRAFFIC STUDY

WAREHOUSING, MANUFACTURING, AND RETAIL COMMERCIAL DEVELOPMENT

NORTHWEST CORNER OF MERLE HAGGARD DRIVE & AIRPORT DRIVE

KERN COUNTY, CALIFORNIA

Prepared for:

Bayspring Real Estate Partners

July 2025

Prepared by:

RUETTGERS & SCHULER CIVIL ENGINEERS

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BAKERSFIELD, CA 93301

John D. Schuler, RCE 51825



TABLE OF CONTENTS

Pg
INTRODUCTION 3
FIGURE 1: VICINITY MAP 4
FIGURE 2: LOCATION MAP 5
FIGURE 3: SITE PLAN 6
VEHICLE MILES TRAVELED (VMT) 10
TABLE 1: VMT ANALYSIS RESULTS 11
PROJECT TRIP GENERATION AND DESIGN HOUR VOLUMES 12
TABLE 1: PROJECT TRIP GENERATION 13
TRIP DISTRIBUTION AND ASSIGNMENT 13
TABLE 2: PROJECT TRIP DISTRIBUTION 13
EXISTING AND FUTURE TRAFFIC 14
FIGURE 4: PROJECT PEAK HOUR TRAFFIC 15
FIGURE 5: EXISTING PEAK HOUR TRAFFIC 16
FIGURE 6: EXISTING+PROJECT PEAK HOUR TRAFFIC 17
FIGURE 7: 2043 PEAK HOUR TRAFFIC 18
FIGURE 8: 2043+PROJECT PEAK HOUR TRAFFIC 19
INTERSECTION ANALYSIS 20
TABLE 3a: PM INTERSECTION LOS 21
TABLE 3b: AM INTERSECTION LOS 23
QUEUE LENGTH ANALYSIS 25
TABLE 4a: PM QUEUE LENGTH ANALYSIS 25
TABLE 4b: AM QUEUE LENGTH ANALYSIS 25
TRAFFIC SIGNAL WARRANT ANALYSIS 26
TABLE 5b: AM TRAFFIC SIGNAL WARRANTS 27
ROADWAY CAPACITY ANALYSIS 27
TABLE 6: ROADWAYADT & CAPACITY 27
TABLE 7: ROADWAY LEVEL OF SERVICE 28
IMPROVEMENTS 29
TABLE 8: FUTURE INTERSECTION IMPROVEMENTS 31
TABLE 9: FUTURE ROADWAY IMPROVEMENTS 31
SUMMARY AND CONCLUSIONS 32
REFERENCES 34
APPENDIX 35

INTRODUCTION

The purpose of this study is to evaluate the potential traffic deficiencies of a warehousing, manufacturing, and retail commercial development on 111.40 acres, located north of Merle Haggard Drive and west of Airport Drive in the unincorporated area of Kern County, California. The proposed warehousing, manufacturing, and retail commercial project is consistent with the site's industrial zoning and land use designation. Traffic impacts are evaluated for vehicle miles travelled (VMT) in accordance with current CEQA requirements. A vicinity map, location map, and site plan are presented in Figures 1 through 3, respectively.

Additionally, this study provides an operational analysis of the existing and future street system with the addition of project traffic, for the purpose of evaluating consistency with the Metropolitan Bakersfield General Plan goals relating to intersection and roadway level of service.

A. Project Description and Land Use

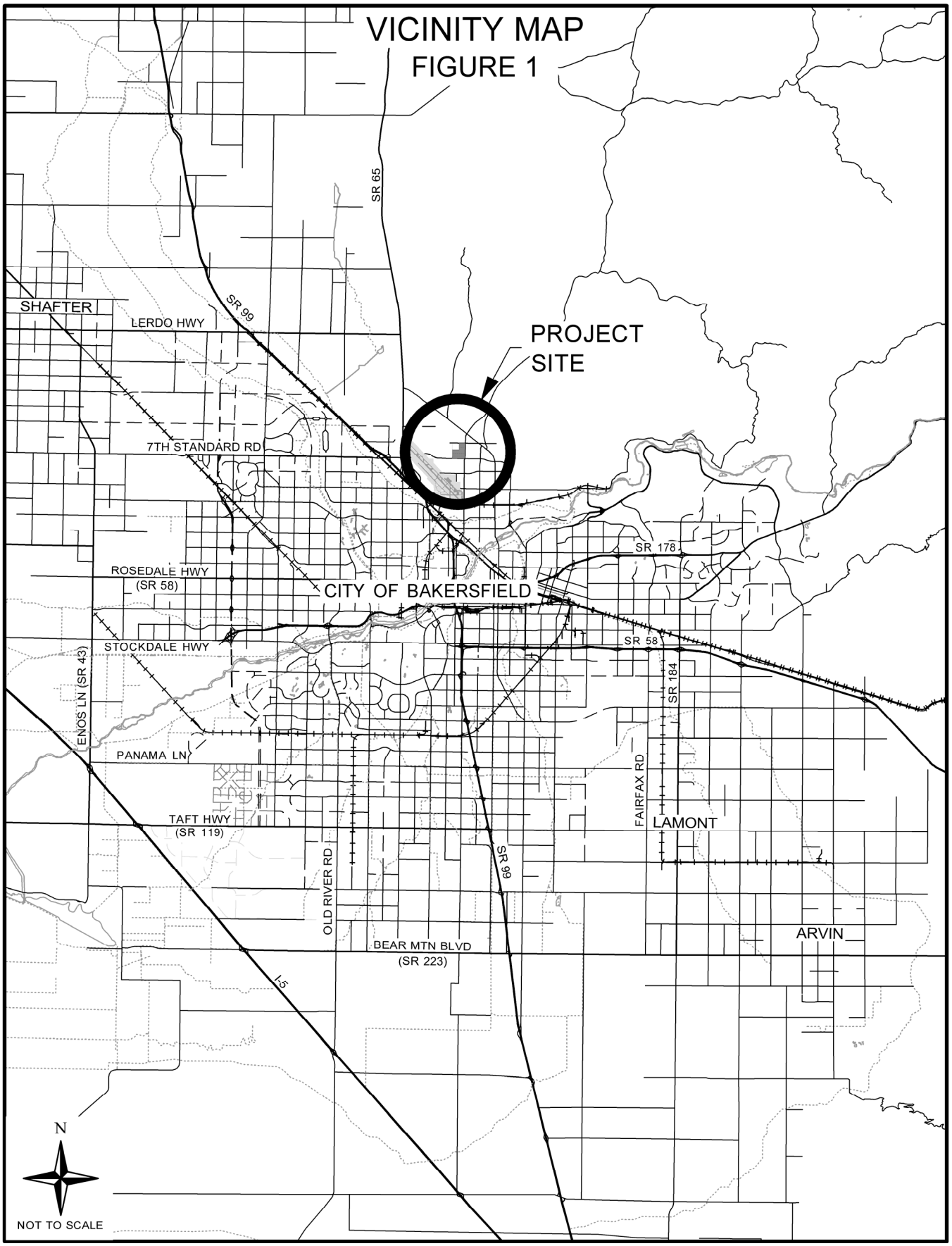
The existing zoning is M-2 PD H (Medium Industrial, Airport Approach Height Combining, Precise Development Combining) and the existing land use is SI (Service Industrial).

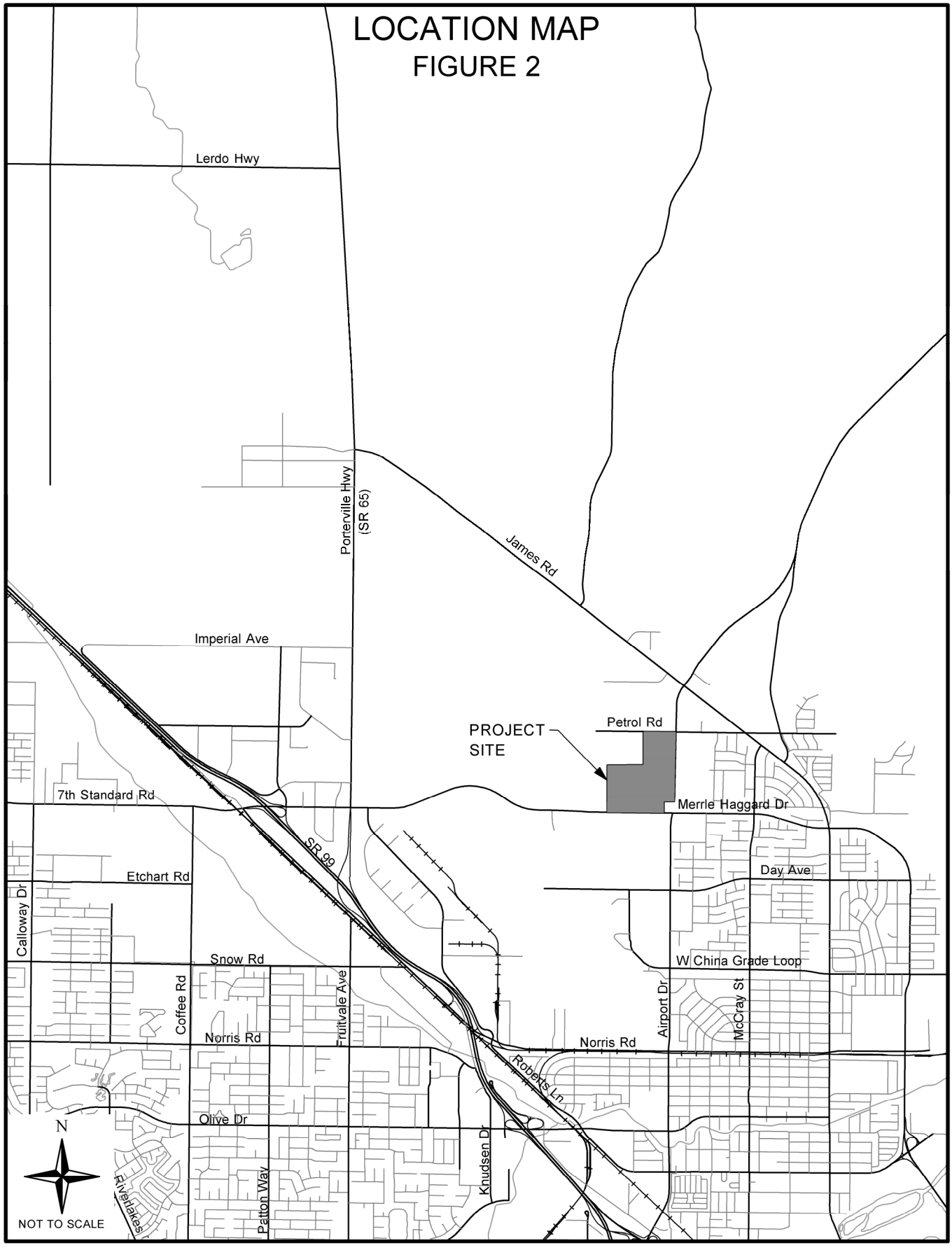
B. Existing Site Uses and Site Access

The project site is currently vacant. As currently planned, access to the proposed development would be provided along Petrol Road, Airport Drive, Merle Haggard Drive, and Landings Way.

C. Existing Uses in Vicinity of the Site

In the vicinity of the project, industrial land uses exist to the north, west, and south and residential areas lie to the east and southeast.


VICINITY MAP
FIGURE 1
SR 65
SHAFTER
LERDO HWY
SR 99
PROJECT SITE
7TH STANDARD RD
SR 178
ROSEDALE HWY (SR 58)
CITY OF BAKERSFIELD
STOCKDALE HWY
SR 58
ENOS LN (SR 43)
SR 184
PANAMA LN
FAIRFAX RD
TAFT HWY (SR 119)
LAMONT
OLD RIVER RD
SR 99
ARVIN
BEAR MTN BLVD (SR 223)
I-5
N
NOT TO SCALE


LOCATION MAP
FIGURE 2
Lerdo Hwy
Porterville Hwy
(SR 65)
James Rd
Imperial Ave
PROJECT
SITE
Petrol Rd
Merrle Haggard Dr
7th Standard Rd
SR 99
Etchart Rd
Day Ave
Calloway Dr
Snow Rd
W China Grade Loop
Coffee Rd
Fruitvale Ave
Airport Dr
McCray St
Norris Rd
Norris Rd
Roberts Ln.
Olive Dr
Knudsen Dr
Patton Way
Riverlakes
N
NOT TO SCALE

SITE PLAN
FIGURE 3



N

NOT TO SCALE

D. Roadway Descriptions

7th Standard Road /Merle Haggard Drive is a major east-west route in the north metropolitan Bakersfield area. It extends from west of Interstate 5 (I-5) to Chester Avenue and Manor Street in Oildale. It is designated as an expressway between Santa Fe Way and State Route 99 and as an arterial for the remaining segments. It has interchanges at both I-5 and State Route 99, intersection connections with State Route 43 and State Route 65 and grade separated crossings of the BNSF Railway and Union Pacific Railroad. It exists at various stages of widening from 2 lanes/undivided west of the BNSF overcrossing and adjacent to the project, and from to 4 to 6 lanes with raised median elsewhere within the project vicinity. This corridor provides access to residential, commercial, industrial, and agricultural land uses, as well as the William Thomas Terminal at Meadows Field. The segment from State Route 99 to Chester Avenue was renamed "Merle Haggard Drive" in 2006.

The local agencies have completed various major widening and improvement projects over the past fifteen years to provide a major corridor from the William Thomas Terminal at Meadows Field to I-5 through the metro area, with the intent of providing a six-lane facility to accommodate anticipated regional growth. However, the roadway section at the airport, which runs under the runway and taxiway, only provides 4 lanes of travel and is constrained by the existing runway and roadway structure configuration.

The Locally Generated Alternative (LGA) alignment of the California High Speed Rail (HSR) is planned to cross the 7th Standard Road between Coffee Road and the Union Pacific Railroad. This crossing will necessitate the reconstruction of the 7th Standard Road and State Route 99 interchange into an elevated configuration over the HSR. Construction is currently anticipated to occur between 2027 and 2030.

Airport Drive is an arterial that extends north through Oildale from its interchange connection at State Route 99. It operates as a four-lane roadway with a raised median between State Route 99 and West China Grade Loop, and as an undivided two-lane roadway at various stages of widening and improvement adjacent to development north of West China Grade Loop. Airport Drive provides access to residential, commercial, and industrial land uses.

Chester Avenue is a north-south arterial that extends from State Route 58 in central Bakersfield to North Chester in Oildale. In the vicinity of the project, it exists as a four-lane roadway with curb and gutter and provides access to residential and industrial land uses.

Freeway 99 (State Route 99) is a major north-south highway that extends through the central valley of California from Interstate 5 to Sacramento. In the vicinity of the project, it exists as a six-lane freeway.

Granite Road is a primarily north-south arterial that extends north from James Road. In the vicinity of the project, it exists as a two-lane roadway and provides access to industrial land uses.

Industry Parkway Drive is a north-south local roadway that provides access to commercial land uses. In the vicinity of the project, it exists as a two-lane roadway with curb and gutter.

James Road is a two-lane arterial that extends northwest from the northerly terminus of North Chester Avenue to Porterville Highway (State Route 65). It provides access primarily to industrial and oil production land uses. James Road has paved shoulders and is widened adjacent to development in the vicinity of the project.

Landings Way is a two-lane north-south collector, which extends along the east side of the Landing Logistic Center and Amazon fulfillment center. It has recently been improved north of Merle Haggard Drive adjacent to new development. It forms the westerly boundary of the project.

McCray Street is a fully improved two-lane collector that extends north from Norris Road to James Road. It provides access to residential land uses as well as North High School.

Pegasus Drive is a north-south collector that extends from Norris Road to Merle Haggard Drive. It exists as a two-lane facility with curb and gutter in the vicinity of the project and provides access to industrial and commercial land uses.

Quinn Road is a north-south collector that extends from Merle Haggard Drive to Imperial Avenue. It exists as a two-lane facility at various stages of widening with curb and gutter adjacent to development. Quinn Road provides access to industrial and agricultural land uses.

State Route 65 (Porterville Highway) is a major highway that extends from State Route 99 to Lindsay, California. State Route 65 is a two-lane highway in the vicinity of the project, with an interchange at State Route 99. It is designated as a four-lane expressway from State Route 99 to Imperial Avenue.

Wings Way is a four-lane north-south collector street, which exists east of Meadows Field Airport and intersects Merle Haggard Drive approximately 0.75 miles west of Airport Drive. It provides access to the William Thomas Terminal and industrial land uses south of Merle Haggard Drive and planned industrial uses to the north. A Specific Plan Line was recently adopted by the County for the ultimate alignment and connection to Imperial Avenue for a future connection to State Route 65.

The Wings Way/Imperial Avenue connection, from Merle Haggard Drive to State Route 65 has been planned as a secondary east-west route due to the four-lane constraint on Merle Haggard Drive under the airport runway. However, since this is a planned route with no specific timeline for construction, it was not included in the analysis. This approach provides a more accurate understanding of the project's impacts and allows for appropriate mitigation based on existing conditions.

STUDY APPROACH

In 2013 the State of California approved legislation (SB 743) to change the primary basis of evaluation of traffic deficiencies in CEQA from Level of Service (LOS) to Vehicle Miles Traveled (VMT). CEQA Guidelines section 15064.3 was approved in December 2018 and became effective in early 2019. Section 15064.3 required agencies to begin implementing the new VMT requirement no later than July 1, 2020. The Governor's Office of Planning and Research (OPR) released a Technical Advisory On Evaluating Transportation Impacts In CEQA in December 2018, which provides guidelines and recommendations for VMT evaluation and thresholds. As of May 2024, the Kern County Planning Department has not finalized or adopted any policies or thresholds for VMT analysis, therefore the OPR Technical Advisory was used as the basis for this evaluation.

In addition to the VMT evaluation, this study also provides an operational analysis of the existing and future street system with the addition of project traffic. The operation analysis includes LOS analysis for peak hour intersection and daily roadway operations as well as queueing and signal warrant evaluation. The purpose of the operational analysis is to evaluate consistency with the County's planning goals relating to intersection and roadway level of service and identify potential LOS or geometric deficiencies.

VEHICLE MILES TRAVELED (VMT)

The Technical Advisory provides initial screening criteria and thresholds of significance for the VMT evaluation. The VMT evaluation is limited to automobiles and light trucks. Given that the project is mixed-use, individual components of the project are evaluated separately for VMT. A 15% reduction in VMT per capita or per employee is recommended for residential and office land uses, and net change in total VMT to evaluate retail land uses. No specific recommendations are provided for industrial land use, therefore an assessment consistent with employees was used for industrial use. The industrial uses were evaluated as office projects because, similar to office projects, employees generate a majority of the passenger vehicle trips. The focus of the per-employee evaluation is the home-based work trips.

Project Screening

Land use developments meeting one or more of the "screening" criteria contained in the OPR Technical Advisory are presumed to create a less than significant transportation impact and no further VMT analysis is required. These criteria relate to project size, low VMT areas, transit availability, and affordable housing. The retail element of the project is approximately 8,000 square feet, which is below the "local serving retail" threshold of 50,000 square feet and therefore screens out as less than significant. The warehouse and manufacturing elements of the project do not meet any of the screening criteria. Therefore, a detailed VMT analysis is required.

Detailed Analysis

The regional transportation model, maintained by the Kern Council of Governments (KernCOG), was used to estimate baseline VMT and project VMT. The KernCOG model is developed for use in adoption of the Regional Transportation Plan (RTP) and Sustainable Communities Strategy (SCS). The KernCOG model contains "gateway" points to State transportation model data and the VMT scripts within the KernCOG model account for Statewide travel, to assure that the model does not terminate at TAZ or jurisdictional boundaries.

The detailed VMT analysis was conducted by LSA Associates, Inc. (Riverside, California) using the KernCOG travel demand model, 2020 baseline. The analysis results are presented in Table 1 (see Appendix for VMT analysis memorandum).

Table 1
VMT Analysis Results
Baseline (2020) Regional and Project VMT Per Employee

2020	Baseline VMT	Threshold VMT	Project VMT	Exceeds Threshold
VMT per employee[1]	16.5[2]	14.04[3]	18.48	Yes

[1] OPR TA metric
[2] Source: KernCOG VMIP III travel demand model
[3] OPR TA significant threshold for office projects equivalent to 85% of Baseline VMT

As shown in Table 1, the project VMT per employee exceeds threshold. The project will require a 24% reduction in VMT to meet the threshold VMT of 14.04.

OPERATIONAL ANALYSIS

The study area is generally defined by James Road to the north, Olive Drive to the south, North Chester Avenue to the east, and Coffee Road to the west. The study includes a total of 17 intersections (15 signalized and two unsignalized). The scope of the study was developed in association with the Kern County Public Works Department.

PROJECT TRIP GENERATION AND DESIGN HOUR VOLUMES

The trip generation and design hour volumes for all land uses were calculated using the Institute of Transportation Engineers (ITE) Trip Generation, 11th Edition. Trip generation and design hour volumes for all land uses are shown in Table 1.

A mix of several warehousing, manufacturing, and retail commercial trip rates were used to represent the probable combination of businesses that will operate within the development. The ADT, AM and PM peak hour rate equations, and peak hour directional splits for ITE Land Use Codes 150 (Warehousing), 140 (Manufacturing), 157 (High-Cube Cold Storage Warehouse), and 934 (Fast Food Restaurant w/ Drive-Thru) were used to estimate the project's traffic.

Note that the ITE Trip Genration Manual does not contain peak directional splits for Land Use Code 157. After reviewing several similar land uses, it was determined that the use of the directional splits for Land Use Code 155 (Fulfillment Center Warehouse) were appropriate for this potential use. The peak hour of adjacent street traffic was determined from the count data to be from 7:00 AM to 8:00 AM and 5:15 PM to 6:15 PM.

Table 1
Project Trip Generation

General Information				Daily Trips		AM Peak Hour Trips			PM Peak Hour Trips		
Building #	ITE Code	Development Type	Variable	ADT RATE	ADT	Rate	In % Split/ Trips	Out % Split/ Trips	Rate	In % Split/ Trips	Out % Split/ Trips
1	150	Warehousing	257.58 1000 sq ft GFA	eq	445	eq	77% 42	23% 13	eq	28% 16	72% 41
2	140	Manufacturing	192.78 1000 sq ft GFA	eq	929	eq	76% 97	24% 31	eq	31% 47	69% 104
3	140	Manufacturing	180.36 1000 sq ft GFA	eq	882	eq	76% 91	24% 29	eq	31% 43	69% 96
4	150	Warehousing	437.36 1000 sq ft GFA	eq	729	eq	77% 59	23% 18	eq	28% 22	72% 57
4	157	High-Cube Cold Storage Warehouse	437.36 1000 sq ft GFA	eq	820	eq	81% 37	19% 9	eq	39% 17	61% 27
5	934	Fast-Food Restaurant w/Drive-Thru	5.57 1000 sq ft GFA	467.48	2604	44.61	51% 127	49% 122	33.03	52% 96	48% 88
6	934	Fast-Food Restaurant w/Drive-Thru	3.84 1000 sq ft GFA	467.48	1795	44.61	51% 87	49% 84	33.03	52% 66	48% 61
	sub-total				8,204		540	306		307	474
	Adjustments										
	Capture[1]		11%		484		24	23		18	16
	Pass-by[1]		30%		1,315		63	62		48	45
	Total				6,405		453	221		241	413

[1]Fast-Food Restaurant w/Drive-Thru Only

TRIP DISTRIBUTION AND ASSIGNMENT

The project trip distribution in Table 2 represents the most likely travel routes for traffic accessing the project. Project traffic distribution was estimated based on a review of the potential draw from population centers within the region and the types of land uses involved. These assumptions were used to distribute project traffic as shown in Figure 4.

Table 2
Project Trip Distribution

Direction	Percent
North	10
East	15
South	35
West	40

EXISTING AND FUTURE TRAFFIC

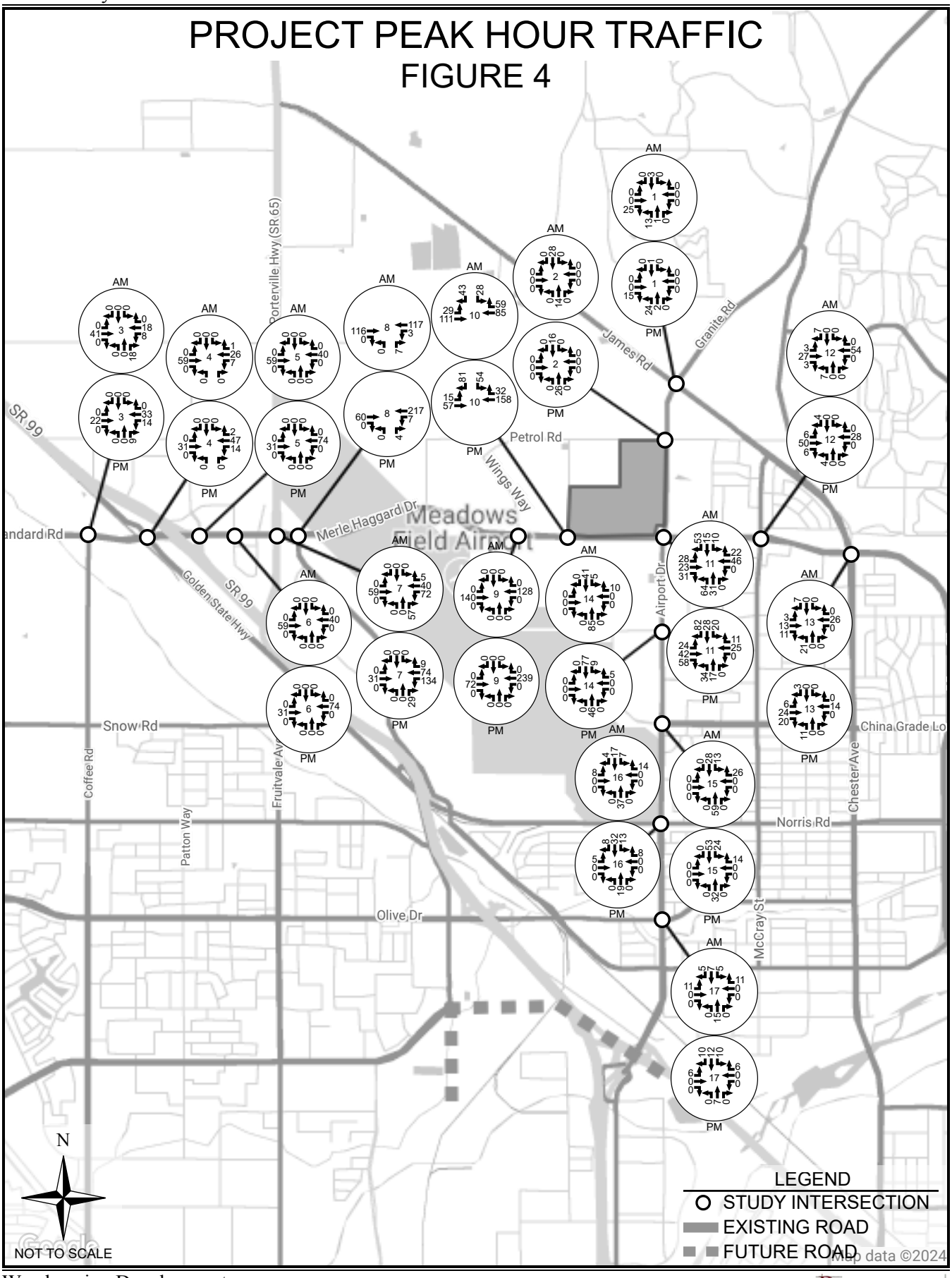
Weekday peak hour turning movements were counted at the following intersections in July 2023 (see Appendix for count data).

- James Road & Granite Road/Airport Drive
- Petrol Road & Airport Drive
- Merle Haggard Drive & Golden State Highway
- Merle Haggard Drive & Quinn Road
- Merle Haggard Drive & Industry Park Way
- Merle Haggard Drive & Porterville Highway (State Route 65)
- Merle Haggard Drive & Pegasus Drive
- Merle Haggard Drive & Wings Way
- Merle Haggard Drive & Landings Way
- Merle Haggard Drive & Airport Drive
- Merle Haggard Drive & McCray Street
- Merle Haggard Drive & Chester Avenue
- Boughton Drive & Airport Drive
- West China Grade Loop & Airport Drive

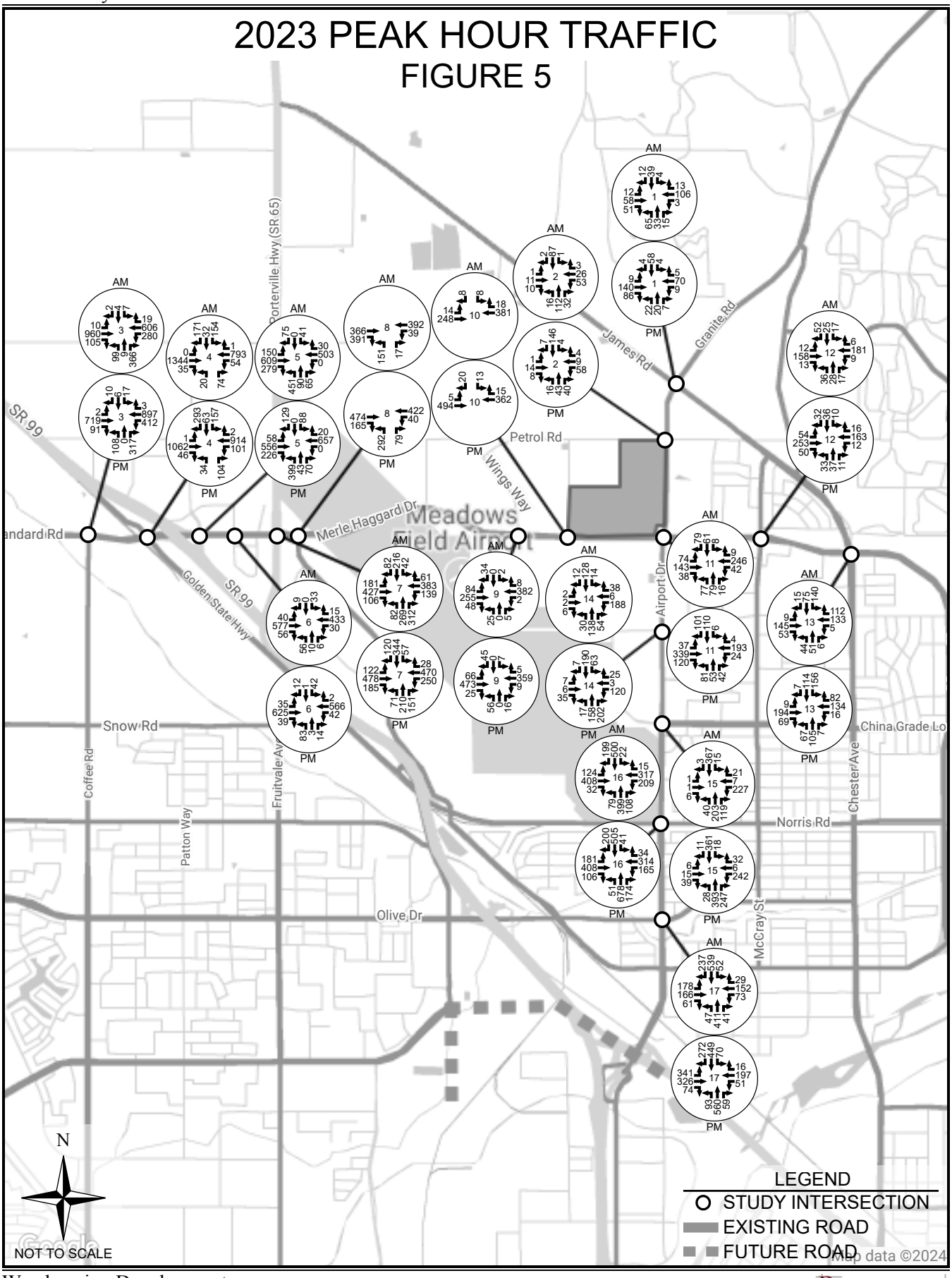
Traffic counts were conducted between the hours of 6:30 to 8:30 AM and 4:00 to 6:00 PM and are shown in Figure 5. Existing + Project peak hour volumes are shown in Figure 6.

Annual growth rates ranging between 0.15% and 3% were applied to existing traffic volumes to estimate future traffic volumes for the year 2043. These growth rates were estimated based on a review of existing and approved future developments in the vicinity of the project and KernCOG traffic model data. The anticipated project traffic from the Silver Wings Commerce Center, Malibu Vineyards Industrial Center and Landings Industrial Center as well as another anticipated development along Airport Drive was also included in 2043 future peak hour traffic. Future peak hour volumes are shown in Figures 7 and 8.

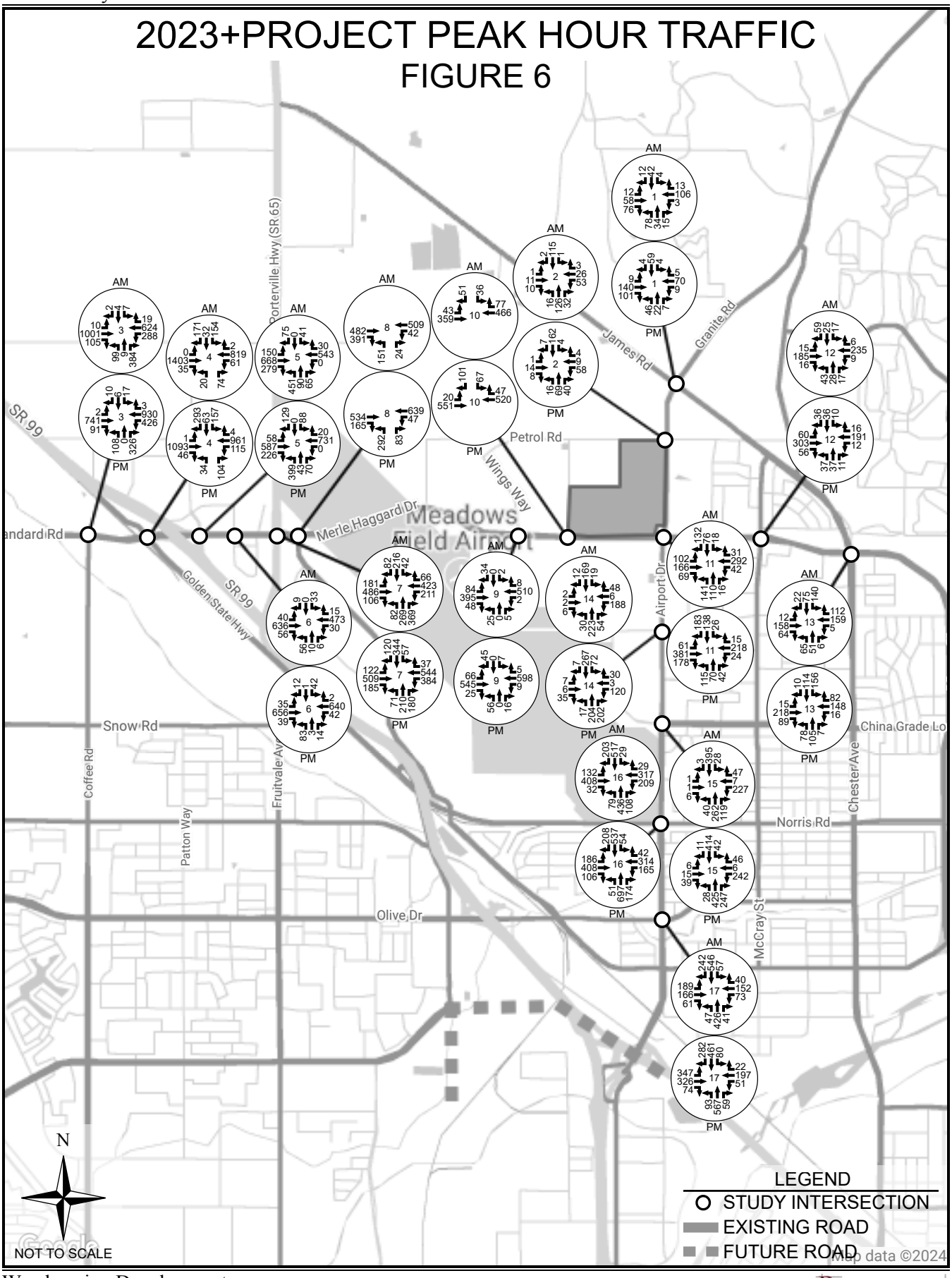
PROJECT PEAK HOUR TRAFFIC
FIGURE 4



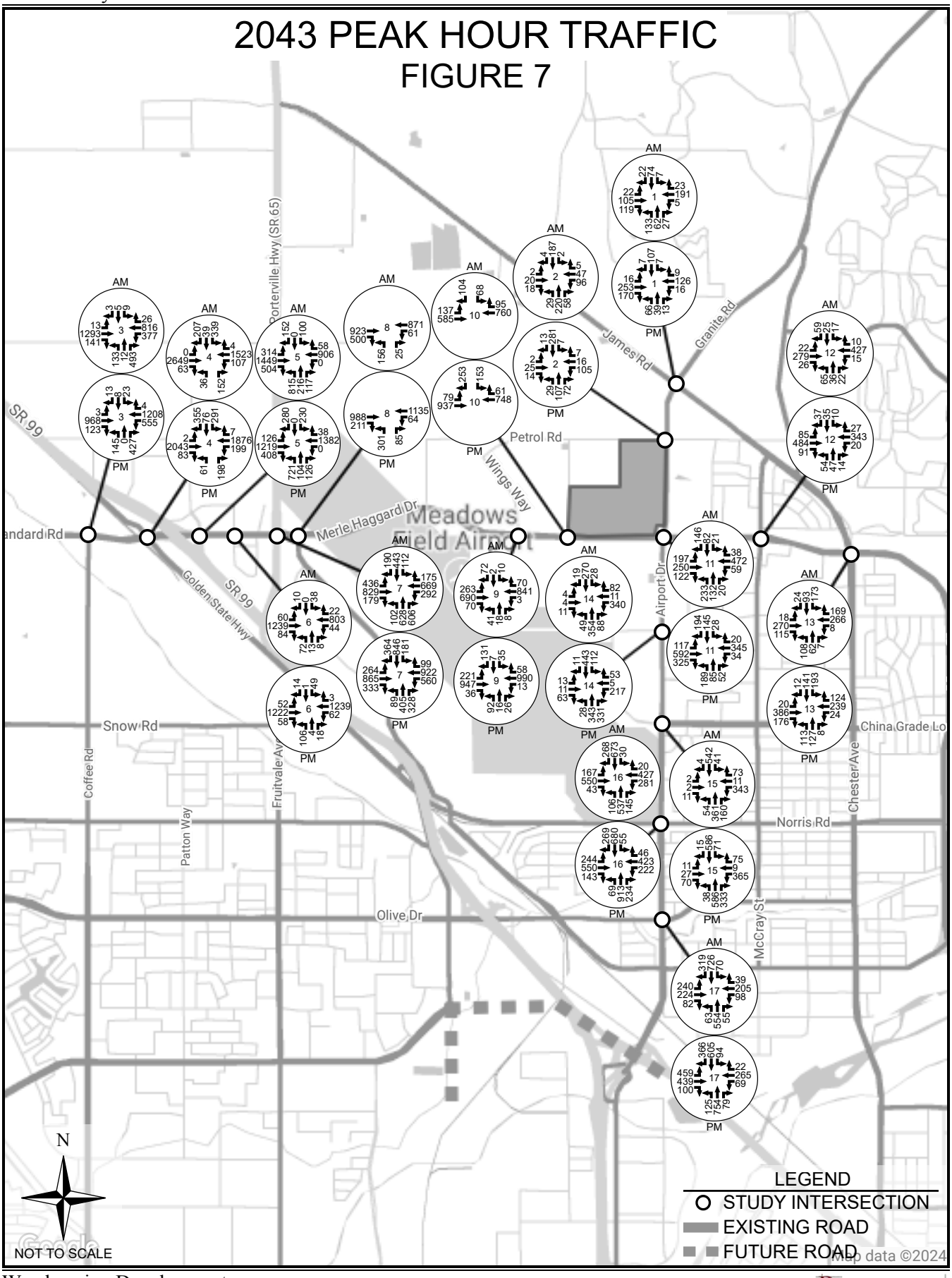
2023 PEAK HOUR TRAFFIC
FIGURE 5



2023+PROJECT PEAK HOUR TRAFFIC
FIGURE 6

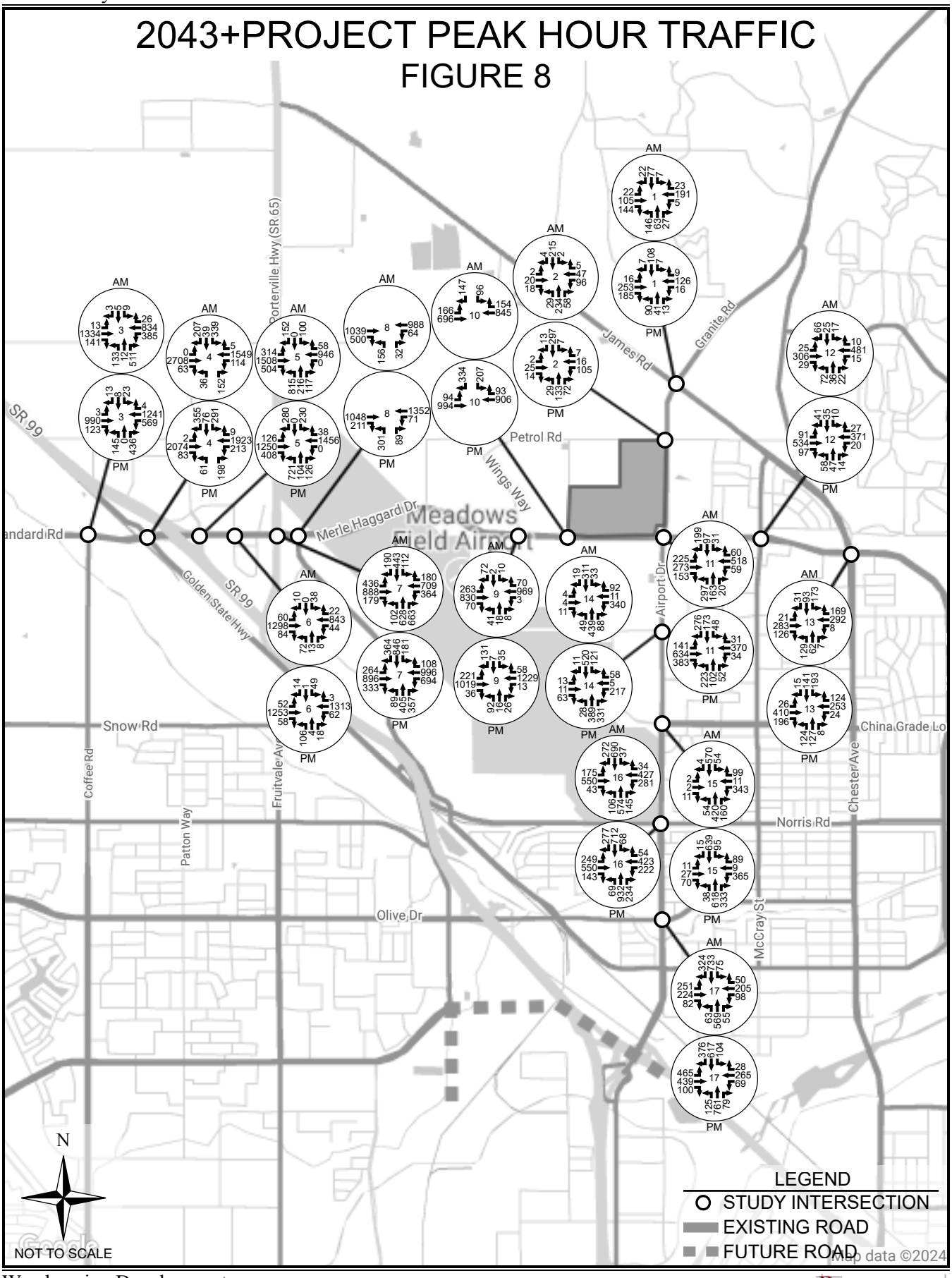


2043 PEAK HOUR TRAFFIC
FIGURE 7



2043+PROJECT PEAK HOUR TRAFFIC

FIGURE 8



INTERSECTION ANALYSIS

A capacity analysis of the study intersections was conducted using Synchro 11 software from Trafficware. This software utilizes the 2010 capacity analysis methodology in the Transportation Research Board's Highway Capacity Manual. The analysis was performed for each of the following traffic scenarios.

- Existing (2023)
- Existing (2023) + Project
- Future (2043)
- Future (2043) + Project

Criteria for intersection level of service (LOS) are shown in the tables below.

LEVEL OF SERVICE CRITERIA
UNSIGNALIZED INTERSECTION

Average Control Delay (sec/veh)	Level of Service	Expected Delay to Minor Street Traffic
≤ 10	A	Little or no delay
> 10 and ≤ 15	B	Short traffic delays
> 15 and ≤ 25	C	Average traffic delays
> 25 and ≤ 35	D	Long traffic delays
> 35 and ≤ 50	E	Very long traffic delays
> 50	F	Extreme delays

LEVEL OF SERVICE CRITERIA
SIGNALIZED INTERSECTIONS

Volume/Capacity	Control Delay (sec/veh)	Level of Service
< 0.60	≤ 10	A
0.61 - 0.70	> 10 and ≤ 20	B
0.71 - 0.80	> 20 and ≤ 35	C
0.81 - 0.90	> 35 and ≤ 55	D
0.91 - 1.00	> 55 and ≤ 80	E
> 1.0	> 80	F

The level of service for the study intersections is presented in Tables 3a and 3b. The level of service goal for roadway facilities in Kern County is LOS "C" within the metropolitan Bakersfield area. Intersection delays are shown for all intersections that operate below LOS "C."

Table 3a
PM Intersection Level of Service

#	Intersection	Control Type	Existing	Existing+ Project	2043	2043+ Project	2043+ Project w/ Improvements[1]
1	Granite Rd/Airport Dr & James Rd	AWSC	A	A	B	B	-
2	Airport Dr & Petrol Rd	AWSC	A	A	B	B	-
3	Coffee Rd & 7th Standard Rd	Signal	D (39.5)	D (40.2)	F (131.4)	F (131.4)	D (45.6)
4	Golden State Hwy & 7th Standard Rd	Signal	C	C	F (156.4)	F (156.4)	F (119.1)
5	Quinn Rd/SR 99 NB Ramp & Merle Haggard Dr/7th Standard Rd	Signal	C	C	C	C	-
6	Industrial Pkwy Dr & Merle Haggard Dr	Signal	B	B	C	C	-
7	Porterville Hwy (SR 65) & Merle Haggard Dr	Signal	D (39.9)	D (40.3)	F (94.4)	F (120.2)	E (57.0)
8	Pegasus Dr & Merle Haggard Dr	Signal	B	B	B	B	-
9	Wings Wy & Merle Haggard Dr	Signal	C	C	D[2] (44.7)	D[2] (44.3)	-
10	Landings Way & Merle Haggard Dr	Signal	C	C	C	D (36.6)	C
11	Airport Dr & Merle Haggard Dr	Signal	C	C	C	C	C[3]

Table 3a
PM Intersection Level of Service Continued

#	Intersection	Control Type	Existing	Existing+ Project	2043	2043+ Project	2043+ Project w/ Improvements[1]
12	McCray & Merle Haggard Dr	Signal	B	B	C	C	-
13	N Chester Ave & Merle Haggard Dr	Signal	C	C	C	C	-
14	Airport Dr & Day Ave/Boughton Dr	Signal	C	C	E (59.9)	E (59.9)	C
15	Airport Dr & China Grade Loop/Skyway Dr	Signal	B	B	C	C	-
16	Norris Rd & Airport Dr	Signal	C	C	C	C	-
17	Olive Dr & Airport Dr	Signal	C	C	C	C	-

[1]See Table 8 for details.
[2] Fully developed in accordance with K.C. Development Standards
[3]Improvements due to AM

Table 3b
AM Intersection Level of Service

#	Intersection	Control Type	Existing	Existing+ Project	2043	2043+ Project	2043+ Project w/ Improvements[1]
1	Granite Rd/Airport Dr & James Rd	AWSC	A	A	B	B	-
2	Airport Dr & Petrol Rd	AWSC	A	A	B	B	-
3	Coffee Rd & 7th Standard Rd	Signal	C	C	F (109.1)	F (112.8)	D (46.4)
4	Golden State Hwy & 7th Standard Rd	Signal	C	C	F (185.2)	F (194.0)	F (148.6)
5	Quinn Rd/SR 99 NB Ramp & Merle Haggard Dr/7th Standard Rd	Signal	C	C	C	C	-
6	Industrial Pkwy Dr & Merle Haggard Dr	Signal	C	C	C	C	-
7	Porterville Hwy (SR 65) & Merle Haggard Dr	Signal	D (39.4)	D (44.9)	E (73.9)	E (79.3)	D (43.3)
8	Pegasus Dr & Merle Haggard Dr	Signal	A	A	A	A	-
9	Wings Wy & Merle Haggard Dr	Signal	B	B	C	C	-
10	Landings Way & Merle Haggard Dr	Signal	C	C	C	C	-
11	Airport Dr & Merle Haggard Dr	Signal	C	C	C	D (40.8)	C

Table 3b
AM Intersection Level of Service Continued

#	Intersection	Control Type	Existing	Existing+ Project	2043	2043+ Project	2043+ Project w/ Improvements[1]
12	McCray & Merle Haggard Dr	Signal	C	C	C	C	-
13	N Chester Ave & Merle Haggard Dr	Signal	C	C	C	C	-
14	Airport Dr & Day Ave/Boughton Dr	Signal	D (42.1)	D (46.6)	F (125.0)	F (117.4)	C
15	Airport Dr & China Grade Loop/Skyway Dr	Signal	B	C	C	C	-
16	Norris Rd & Airport Dr	Signal	C	C	C	C	-
17	Olive Dr & Airport Dr	Signal	C	C	C	C	-

[1]See Table 8 for details.

QUEUE LENGTH ANALYSIS

Existing volumes and future volumes, both with and without project traffic, were used to analyze movements at Golden State Highway & 7th Standard Road, State Route 99 Northbound off ramp & Merle Haggard Drive, and Porterville Highway (State Route 65) & Merle Haggard Drive. Queue length analysis was conducted using Synchro 11 software. The queue analysis was performed at the request of Caltrans; however, Kern County has not defined or adopted any criteria or thresholds for evaluation of queue lengths for specific turning movements at intersections. The results of the queue length analysis are shown for informational purposes in Tables 4a and 4b below.

Table 4a
PM Queue Length Analysis

Intersection	Golden State Hwy & 7th Standard Rd			SR 99 NB Off Ramp & Merle Haggard Dr		Porterville Hwy (SR 65) & Merle Haggard Dr							
Movement	WBL	SBL	SBR	NBL	NBR	EBL	EBR	WBL	WBR	NBL	NBR	SBL	SBR
Storage Length	250	240	240	300	240	250	150	200	150	500	350	250	250
Existing	87	118	118	96	19	203	197	206	49	44	52	38	66
Existing+Project	174	**263**	221	194	40	147	**233**	141	41	70	20	104	131
2043	**325**	**289**	**300**	256	120	**324**	**240**	**225**	**234**	68	**419**	150	121
2043+Project	**321**	**293**	**344**	**392**	84	**404**	**246**	**238**	**263**	108	**444**	221	117

Notes:
NB = Northbound
SB = Southbound L = Left-Turn Lane
WB = Westbound T = Through Lane
EB = Eastbound R = Right-Turn Lane

Table 4b
AM Queue Length Analysis

Intersection	Golden State Hwy & 7th Standard Rd			SR 99 NB Off Ramp & Merle Haggard Dr		Porterville Hwy (SR 65) & Merle Haggard Dr							
Movement	WBL	SBL	SBR	NBL	NBR	EBL	EBR	WBL	WBR	NBL	NBR	SBL	SBR
Storage Length	250	240	240	300	240	250	150	200	150	500	350	250	250
Existing	47	173	119	173	42	246	149	193	32	66	86	28	50
Existing+Project	131	**311**	**256**	168	62	**302**	46	**251**	**171**	81	83	87	24
2043	195	**257**	114	250	85	173	**157**	**233**	57	106	**372**	90	62
2043+Project	111	**281**	**236**	206	68	**404**	**250**	**245**	**165**	106	**433**	104	51

Notes:
NB = Northbound
SB = Southbound L = Left-Turn Lane
WB = Westbound T = Through Lane
EB = Eastbound R = Right-Turn Lane

TRAFFIC SIGNAL WARRANT ANALYSIS

Peak hour signal warrants were evaluated for the unsignalized intersection within the study based on the California Manual on Uniform Traffic Control Devices (MUTCD). Peak hour signal warrants assess delays to traffic on the minor street approaches when entering or crossing a major street. Signal warrant analysis results for PM and AM peak hours are shown in Tables 5a and 5b, respectively.

Table 5a
PM Traffic Signal Warrants

		2023			2023+Project			2043			2043+Project		
#	Intersection	Major Street Total Approach Vol	Minor Street High Approach Vol	Warrant Met	Major Street Total Approach Vol	Minor Street High Approach Vol	Warrant Met	Major Street Total Approach Vol	Minor Street High Approach Vol	Warrant Met	Major Street Total Approach Vol	Minor Street High Approach Vol	Warrant Met
1	Granite Rd at James Rd	222	50	NO	269	61	NO	415	120	NO	456	146	NO
2	Airport Dr at Petrol Rd	274	108	NO	322	119	NO	493	224	NO	531	252	NO

Table 5b
AM Traffic Signal Warrants

		2023			2023+Project			2043			2043+Project		
#	Intersection	Major Street Total Approach Vol	Minor Street High Approach Vol	Warrant Met	Major Street Total Approach Vol	Minor Street High Approach Vol	Warrant Met	Major Street Total Approach Vol	Minor Street High Approach Vol	Warrant Met	Major Street Total Approach Vol	Minor Street High Approach Vol	Warrant Met
1	Granite Rd at James Rd	243	113	NO	256	120	NO	465	222	NO	478	230	NO
2	Airport Dr at Petrol Rd	250	82	NO	264	87	NO	500	148	NO	515	152	NO

ROADWAY ANALYSIS

Published ADT information and future projected traffic, as shown in Table 6, were used to calculate the volume-to-capacity ratios shown in Table 7.

A volume-to-capacity ratio (v/c) greater than 0.80 corresponds to a LOS of less than "C," as defined in the Highway Capacity Manual. As mentioned previously, a level of service "C" is the accepted standard in Kern County within the metropolitan Bakersfield areas.

Table 6
Roadway ADT & Capacity

Street Segment	Project	Existing ADT	Existing+ Project	2043	2043+ Project
7th Standard Rd: Coffee Rd to Golden State Hwy	462	17298	17760	32179	32641
7th Standard Rd: Golden State Hwy to Sr 99 NB Off Ramp/Quinn Rd	481	17298	17779	32179	32660
Merle Haggard Dr: Quinn Rd to Industry Pkwy Dr	481	17791	18272	27188	27669
Merle Haggard Dr: Industry Pkwy Dr to Porterville Hwy (SR 65)	481	24490	24971	36941	37422
Merle Haggard Dr: Porterville Hwy (SR 65) to Pegasus Dr	1469	20788	22257	26951	28420
Merle Haggard Dr: Pegasus Dr to Wings Way	1469	23604	25073	34920	36389
Merle Haggard Dr: Wings Way to Landings Way	1573	12989	14562	19115	20688
Merle Haggard Dr: Landings Way to Airport Dr	1391	8778	10169	11929	13320
Merle Haggard Dr: Airport Dr to McCray St	417	8721	9138	12404	12821
Merle Haggard Dr: McCray St to Chester Ave	338	8499	8837	14475	14813
Airport Dr: Olive Dr to Norris Rd	463	9462	9925	12935	13398
Airport Dr: Norris Rd to China Grade Loop/Skyway Dr	482	9345	9827	12775	13257
Airport Dr: China Grade Loop/Skyway Dr to Day Ave/Boughton Dr	521	9190	9711	16654	17175
Airport Dr: Day Ave/Boughton Dr to Merle Haggard Dr	585	9190	9775	17404	17989
Airport Dr: Merle Haggard Dr to Petrol Rd	910	5647	6557	10971	11881
Airport Dr: Petrol Rd to James Rd	182	4272	4454	9590	9772

Table 7
Roadway Level of Service

Street Segment	Existing Capacity	Mitigated Capacity	v/c Existing	v/c Ext+Proj	v/c 2043	v/c 2043+Proj	v/c (Mit)[1] 2043+Proj
7th Standard Rd: Coffee Rd to Golden State Hwy	40000	60000	0.43	0.44	**0.80**	**0.82**	0.54
7th Standard Rd: Golden State Hwy to Sr 99 NB Off Ramp/Quinn Rd	40000	60000	0.43	0.44	**0.80**	**0.82**	0.54
Merle Haggard Dr: Quinn Rd to Industry Pkwy Dr	60000	-	0.30	0.30	0.45	0.46	-
Merle Haggard Dr: Industry Pkwy Dr to Porterville Hwy (SR 65)	60000	-	0.41	0.42	0.62	0.62	-
Merle Haggard Dr: Porterville Hwy (SR 65) to Pegasus Dr	50000	-	0.42	0.45	0.54	0.57	-
Merle Haggard Dr: Pegasus Dr to Wings Way	40000	-	0.59	0.63	**0.87**[2]	**0.91**[2]	-
Merle Haggard Dr: Wings Way to Landings Way	40000	-	0.32	0.36	0.48	0.52	-
Merle Haggard Dr: Landings Way to Airport Dr	15000	40000	0.59	0.68	0.80	**0.89**	0.33
Merle Haggard Dr: Airport Dr to McCray St	40000	-	0.22	0.23	0.31	0.32	-
Merle Haggard Dr: McCray St to Chester Ave	40000	-	0.21	0.22	0.36	0.37	-
Airport Dr: Olive Dr to Norris Rd	30000	-	0.32	0.33	0.43	0.45	-
Airport Dr: Norris Rd to China Grade Loop/Skyway Dr	30000	-	0.31	0.33	0.43	0.44	-
Airport Dr: China Grade Loop/Skyway Dr to Day Ave/Boughton Dr	15000	40000	0.61	0.65	**1.11**	**1.15**	0.43
Airport Dr: Day Ave/Boughton Dr to Merle Haggard Dr	15000	40000	0.61	0.65	**1.16**	**1.20**	0.45
Airport Dr: Merle Haggard Dr to Petrol Rd	15000	40000	0.38	0.44	0.73	0.79	-
Airport Dr: Petrol Rd to James Rd	15000	40000	0.28	0.30	0.64	0.65	-

[1]See Table 9 for details
[2]Physically constrained segment – no feasible mitigation

IMPROVEMENTS

Regional Transportation Impact Fee Program

As stated in the Road Description section earlier in this report, the 7th Standard Road/Merle Haggard Drive corridor is a major east-west route in the north metropolitan area. Over the past 15 years the local agencies have accomplished significant widening improvements from Wings Way to west of Santa Fe Way. These improvements have been accomplished with a variety of funding sources, including the Regional Transportation Improvement Program (RTIF) for metropolitan Bakersfield. There are two improvement projects on the RTIF, which remain to be accomplished on the 7th Standard Road/Merle Haggard Drive corridor. Additionally, there are projects listed for Porterville Highway (State Route 65), Calloway Drive, Coffee Road, and Norris Road. They are as follows:

- Merle Haggard Drive widening to four lanes, Wings Way to Airport Drive
- 7th Standard Road/State Route 99 interchange - Eastbound bridge replacement and new ramps
- Porterville Highway (State Route 65) widening to four lanes, Merle Haggard Drive to James Rd

The purpose of the RTIF is to provide a funding mechanism for roadway improvements which are regional in nature, and for which cost sharing by all new development is appropriate. The metro RTIF is a program jointly developed, approved, and administered by the County and the City of Bakersfield. The program was adopted in the 1980's and has been updated periodically to reflect the latest development growth patterns and construction costs. The current version of the RTIF is the fourth update to the program and was adopted in 2009. The current version has been held in place for an extended period of time as a stable reference for projects within the Thomas Roads Improvement Program (TRIP). With the near conclusion of the TRIP program the County is working on an update of the RTIF, which would reflect current development conditions along the 7th Standard Road/Merle Haggard corridor, particularly in the vicinity of Meadows Field.

California High Speed Rail

The alignment for the California High Speed Rail (HSR) segment from Shafter to Bakersfield crosses 7th Standard Road between Coffee Road and the Union Pacific Railroad (UPRR). The current design for the HSR project places the HSR at "level2", keeps UPRR at "level1" and elevates 7th Standard Road over the top of both at "level3". This arrangement will require the complete reconstruction of 7th Standard Road and the State Route 99/7th Standard Road interchange from the Beardsley Canal to east of the State Route 99 northbound ramps. The Environmental Document for this section was approved in 2019. The High Speed Rail Authority is currently in the selection process for a design consultant, with

final design to be completed by 2027. It is therefore assumed that the reconstruction of the 7th Standard Road interchange will be completed by 2030. This reconstruction will supersede the interchange improvement listed in the RTIF. Additionally, the County, City of Bakersfield and Caltrans need to coordinate closely with the High Speed Rail Authority to assure the reconstruction along 7th Standard Road includes adequate facilities to accommodate both existing and anticipated future traffic.

Study Area Improvements

Intersection and roadway improvements needed by the year 2043 to maintain or improve the operational level of service of the street system in the vicinity of the project are shown in Tables 8 and 9. The RTIF Facilities List includes many of the facilities needed to maintain a level of service "C" or better for new growth or to prevent the degradation of facilities which are currently operating below LOS C. The RTIF program sets forth the fees to be collected from new development to provide funding for those projects, which are on the RTIF list. Tables 8 and 9 also identify local improvements not covered by the RTIF program or anticipated by adjacent development, and an estimate of the project's percentage share responsibility for the improvement, which will be required prior to the issuance of a building permit.

The percentage share for local improvements is calculated using the following formula:

$$\% \text{ Share} = \frac{\text{Project Traffic}}{(\text{Future+Project Traffic}) - \text{Existing Traffic}} \text{ x100\%}$$

Table 8
Future Intersection Improvements

#	Intersection	Total Improvements Required by 2043	Local Improvements (Improvements not covered by RTIF or adjacent development)	Project % Share for Local Improvements 2043
3	Coffee Rd & 7th Standard Rd	Change NBTR to NBT, Add NBR	-	-
4	Golden State Hwy & 7th Standard Rd	Add SBL, SBR, change NBT/R to NBT, NBR	-	-
7	Porterville Hwy (SR 65) & Merle Haggard Dr	Add NBR	Add NBR	5.01%
10	Landings Way & Merle Haggard Dr	Add EBT	-	-
11	Airport Dr & Merle Haggard Dr	Add EBT, WBT	-	-
14	Airport Dr & Day Ave/Boughton Dr	Change EBTLR to EBL, WBTR	-	-

Table 9
Future Roadway Improvements

Roadway	Total Improvements Required by 2043	Local Improvements (Improvements not covered by RTIF or adjacent development)	Project % Share for Local Improvements 2043
7th Standard Rd: Coffee Rd to Golden State Hwy	Add 1 Lane[1]	-	-
7th Standard Rd: Golden State Hwy to SR 99 NB Off Ramp/Quinn Rd	Add 1 Lane[1]	-	-
Merle Haggard Dr: Landings Way to Airport Dr	Add 2 Lanes	-	-
Airport Dr: China Grade Loop/Skyway Dr to Day Ave/Boughton Dr	Add 2 Lanes	Add 2 Lanes	3.03%
Airport Dr: Day Ave/Boughton Dr to Merle Haggard Dr	Add 2 Lanes	Add 2 Lanes	3.25%

[1]Striping Only

SUMMARY AND CONCLUSIONS

This study evaluated the potential traffic impacts of proposed warehousing, manufacturing, and retail commercial development on a 111.40-acre site north of Merle Haggard Drive and west of Airport Drive in Kern County, California.

VMT

It was determined that the project's VMT exceeds threshold. To help mitigate this, the applicant will provide 102 electric vehicle charging stations throughout the project. Additionally, as the project develops along the frontages of Merle Haggard Drive and Airport Drive, existing bicycle routes in the area will be extended, further reducing VMT impacts.

Operational Analysis

In general, the existing traffic operates at or near acceptable levels within the study area with the existing roadway facilities.

Future traffic is anticipated to result in a deterioration in traffic operations below LOS C or below existing LOS if already below LOS C at the following intersections prior to the addition of project traffic: Coffee Road & 7th Standard Road, Golden State Highway & 7th Standard Road, Porterville Highway (State Route 65) & Merle Haggard Drive, and Airport Drive & Day Avenue/Boughton Drive. The addition of project traffic further increases the anticipated delay, but not to a level which causes a further drop in LOS, except at the following intersections: Landings Way & Merle Haggard Drive and Airport Drive & Merle Haggard Drive.

The roadway LOS is also anticipated to experience a deterioration in traffic operations with future traffic prior to the addition of project traffic, particularly along Merle Haggard Drive between Landings Way & Airport Drive, 7th Standard Road between Coffee Road & Quinn Rd/State Route 99, and Airport Drive between Day Avenue/Boughton Drive & Merle Haggard Drive. The addition of project traffic results in increased traffic through these segments, but does not cause a substantial decrease in operational v/c. The project will improve the capacity along Merle Haggard Drive between Landing Way and Airport Drive through the construction of its frontage.

Conclusion

In conclusion, project traffic does exceed threshold for VMT. The addition of project traffic to the existing and future street system results in LOS deficiencies at certain locations. Each of these deficiencies should be addressed with improvements as shown in Tables 8 and 9.

The roadway segment of Merle Haggard Drive from Pegasus Drive to Wings Way is expected to operate below the acceptable level of service, however, that is due to physical constraints where no feasible mitigation is available to improve the level of service as previously noted.

Therefore, it is proposed that the project contributes to the improvements shown in Tables 8 and 9, which includes payment of its proportionate shares for local improvements required prior to the issuance of building permits, and payment into the RTIF program in accordance with the current fee schedule during the building permit process.

REFERENCES

1. Annual Traffic Census, KernCOG
2. Kern County General Plan, approved September 22, 2009
3. Highway Capacity Manual, Special Report 209, Transportation Research Board
4. California Manual on Uniform Traffic Control Devices for Streets and Highways, 2012 Edition, Federal Highway Administration (FHA)
5. Trip Generation, 11th Edition, Institute of Transportation Engineers (ITE)

APPENDIX