

# **SMALL PROJECT ANALYSIS LEVEL ASSESSMENT**

**Camino Media – University Square  
Bakersfield, CA**

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# 1. EXECUTIVE SUMMARY

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## 1.1 Executive Summary

Trinity Consultants has completed a limited air quality assessment for 120-unit multi-family residential community near the intersection of Camino Media and Old River Road in Bakersfield, California. The Project includes the construction of a 120 single-story attached duplexes.

This limited air quality assessment uses the San Joaquin Valley Air Pollution Control District's (SJVAPCD) screening tool, Small Project Analysis Level (SPAL) (SJVAPCD 2020). This SPAL assessment was prepared pursuant to the SJVAPCD's Guidance for Assessing and Mitigating Air Quality Impacts (GAMAQI) (SJVAPCD 2015), the California Environmental Quality Act (CEQA) (Public Resources Code 21000 to 21189) and the CEQA Guidelines (California Code of Regulations Title 14, Division 6, Chapter 3, Sections 15000 – 15387).

## 1.2 Statement of Finding

Based on the SPAL established by the SJVAPCD's GAMAQI, the emissions estimates prepared pursuant to this SPAL assessment do not exceed the SJVAPCD's established emissions thresholds and significance thresholds for all CEQA air quality determinations; this Project would therefore not pose a significant impact to the San Joaquin Valley Air Basin and would have a less than significant air quality impact.

## 2. PROJECT INFORMATION

### 2.1 Introduction

The Project site is located in the City of Bakersfield east of the intersection of Camino Media and Old River Road on APNs 390-300-29 and 390-300-30. The Project includes the construction of 120 single-story attached duplexes. The Project was assessed as if it would be developed in one phase. This assessment examines the projected gross impacts to air quality posed by this Project to the San Joaquin Valley Air Basin to determine whether or not the Project remains below established air quality thresholds of significance.

### 2.2 Project Location

The Project is located in the City of Bakersfield east of the intersection of Camino Media and Old River Road. **Figure 2-1** depicts the Project location within the City of Bakersfield and **Figure 2-2** depicts the proposed site plan.

**Figure 2-1. Project Location**





### 3. SMALL PROJECT ANALYSIS LEVEL QUALIFICATION

This assessment was prepared pursuant to the SJVAPCD’s GAMAQI (SJVAPCD 2015), the CEQA (Public Resources Code 21000 to 21189) and CEQA Guidelines (California Code of Regulations Title 14, Division 6, Chapter 3, Sections 15000 – 15387). The SJVAPCD created the SPAL screening tool to streamline air quality assessments of commonly encountered projects. According to GAMAQI, the SJVAPCD “pre-calculated the emissions on a large number and types of projects to identify the level at which they have no possibility of exceeding the emissions thresholds”<sup>1</sup>.

The SJVAPCD SPAL process established review parameters to determine whether a project qualifies as a “small project.” A project that is found to be “less than” the established parameters has “no possibility of exceeding criteria pollutant emissions thresholds.” **Table 3-1** presents the SPAL size parameters for residential projects.

**Table 3-1. Small Project Analysis Level in Units for Residential**

<b>Land Use Category – Residential</b>	<b>Project Size (dwelling unit)*</b>
Single Family	155
Apartment, Low Rise	224
Apartment, Mid Rise	225
Apartment, High Rise	340
Condominiums/Townhouse	256
Condominiums, High Rise	352
Mobile Home Park	292
Retirement Community	580
Congregate Care Assisted Living	536
<b>Proposed Project – Condominiums/Townhouse</b>	<b>120</b>
SPAL Exceeded?	No
*Project size based on SPAL Table 1, as posted on SJVAPCD webpage: <a href="http://www.valleyair.org/transportation/CEQA Rules/GAMAQI-SPAL.pdf">http://www.valleyair.org/transportation/CEQA Rules/GAMAQI-SPAL.pdf</a>	

As shown in **Table 3-1**, the proposed Project would not exceed the established SPAL limits for a “Condominiums/Townhouse” residential project. The Project would construct a 120 units compared to the allowable project size for a condominium/townhouse project which is 256 units. Based on the above information, this Project qualifies for a limited air quality analysis applying the SPAL guidance to determine air quality impacts.

<sup>1</sup> SJVAPCD GAMAQI, Section 8.3.4, Page 85.



## 4. AIR QUALITY IMPACTS THRESHOLDS AND EVALUATION METHODOLOGY

Significance thresholds are based on the CEQA Appendix G Environmental Checklist Form (not included herein) and SJVAPCD air quality thresholds (SJVAPCD 2015). A potentially significant impact to air quality, as defined by the CEQA Checklist, would occur if the project caused one or more of the following to occur:

- ▶ Conflict with or obstruct implementation of the applicable air quality plan;
- ▶ Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard;
- ▶ Expose sensitive receptors to substantial pollutant concentrations; and/or
- ▶ Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

The SJVAPCD has identified quantitative emission thresholds to determine whether the potential air quality impacts of a project require analysis in the form of an Environmental Impact Report. The SJVAPCD air quality thresholds from the GAMAQI are presented in **Table 4-1** (SJVAPCD 2015). The SJVAPCD separates construction emissions from operational emissions, and further separates permitted operational emissions from non-permitted operational emissions, for determining significance thresholds for air pollutant emissions.

**Table 4-1. SJVAPCD Air Quality Thresholds of Significance - Criteria Pollutants**

Pollutant/ Precursor	Construction Emissions	Operational Emissions	
		Permitted Equipment and Activities	Non-Permitted Equipment and Activities
	Emissions (tpy)	Emissions (tpy)	Emissions (tpy)
CO	100	100	100
NOx	10	10	10
ROG	10	10	10
SOx	27	27	27
PM <sub>10</sub>	15	15	15
PM <sub>2.5</sub>	15	15	15

Source: SJVAPCD 2015

Criteria pollutant emissions were estimated using the California Emissions Estimator Model (CalEEMod) version 2016.3.2 (California Air Pollution Control Officers Association (CAPCOA) 2016). This project would generate short-term construction emissions and long-term operational emissions.

An air quality evaluation also considers: 1) exposure of sensitive receptors to substantial pollutant concentrations; and 2) the creation of other emissions (such as those leading to odors) adversely affecting a substantial number of people. The criteria for this evaluation are based on the Lead Agency's determination of the proximity of the proposed Project to sensitive receptors. A sensitive receptor is a location where human populations, especially children, senior citizens and sick persons, are present, and where there is a reasonable expectation of continuous human exposure to pollutants, according to the averaging period for ambient air quality standards, i.e. the 24-hour, 8-hour or 1-hour standards. Commercial and industrial sources are not considered sensitive receptors.

## 5. PROJECT-RELATED EMISSIONS

This document was prepared pursuant to the SJVAPCD’s GAMAQI and SPAL guidelines and provides a cursory review of the Project emissions to demonstrate that it would not exceed established air quality emissions thresholds.

### 5.1 Short-Term Emissions

**Table 5-1** shows the construction emission levels using default CalEEMod factors for construction of a 120 units condominium/townhouse project (see Attachment A).

Construction emission estimates also included the following SJVAPCD’s required measures for all projects:

- ▶ Water exposed area 3 times per day; and
- ▶ Reduce vehicle speed to less than 15 miles per hour.

Based on these anticipated activity levels, the Project construction activities would not exceed construction thresholds (**Table 4-1**). Therefore, construction emissions were found to be less than significant, and no further evaluation is required.

**Table 5-1. Project Construction Emissions**

Emissions Source	Pollutant					
	ROG	NOx	CO	SOx	PM <sub>10</sub>	PM <sub>2.5</sub>
	(tons/year)					
2022 Construction Emissions	0.24	2.25	2.05	0.00	0.28	0.17
2023 Construction Emissions	0.24	2.03	2.36	0.00	0.19	0.11
2024 Construction Emissions	1.16	0.30	0.42	0.00	0.03	0.02
SJVAPCD Construction Emissions Thresholds	10	10	100	27	15	15
Is Threshold Exceeded?	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>

### 5.2 Long-Term Emissions

**Table 5-2** presents the Project’s long-term operations emissions generated from mobile, energy, and area sources as well as from water use and waste generation emissions. Most of these emissions impacts are from mobile sources traveling to and from the Project area. The following changes to default values were incorporated during the CalEEMod analysis:

- ▶ Daily trip rate was updated to 1,227 trips per day according to the Traffic Study (Ruetters & Schuler 2021)

Operational emission estimates also included the following mitigation measures even though the project was less than significant before mitigation:

- ▶ Improved Walkability Design;
- ▶ Improved Destination Accessibility;
- ▶ Increased Transit Accessibility;
- ▶ Improved Pedestrian Network;
- ▶ Use electric lawnmower, leaf blower, and chainsaw (3% per SJVAPCD);

- Installation of solar panels.

**Table 5-2. Total Project Operational Emissions**

Emissions Source	Pollutant					
	ROG	NOx	CO	SOx	PM <sub>10</sub>	PM <sub>2.5</sub>
<b>(tons/year)</b>						
<b>Unmitigated</b>						
Operational Emissions	0.89	1.08	4.18	0.01	1.27	0.35
SJVAPCD Operational Emissions Thresholds	10	10	100	27	15	15
Is Threshold Exceeded Before Mitigation?	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>
<b>Mitigated</b>						
Operational Emissions	0.88	0.92	3.87	0.01	1.12	0.31
SJVAPCD Operational Emissions Thresholds	10	10	100	27	15	15
Is Threshold Exceeded?	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>

As calculated (see **Attachment A**), the long-term operational emissions associated with the proposed Project would be less than SJVAPCD significance threshold levels and would, therefore, not pose a significant impact to criteria air pollutants. This finding is consistent with the SPAL screening thresholds.

### 5.3 Greenhouse Gas Emissions

The Project’s greenhouse gas (GHG) emissions are primarily from mobile source activities. Not all GHGs exhibit the same ability to induce climate change; as a result, GHG contributions are commonly quantified as carbon dioxide equivalents (CO<sub>2</sub>e) (**see Attachment A**). The proposed Project’s operational CO<sub>2</sub>e emissions were estimated using CalEEMod. These emissions are summarized in **Table 5-3**.

**Table 5-3. Estimated Annual Greenhouse Gas Emissions**

	CO <sub>2</sub> Emissions metric tons	CH <sub>4</sub> Emissions metric tons	N <sub>2</sub> O Emissions metric tons	CO <sub>2</sub> e Emissions metric tons
2024 Project Operations	982.96	0.96	0.01	1,008.83
2005 BAU	1,974.77	1.59	0.01	2,017.85
<b>BAU less Project emissions</b>				50.0%

The current inventory and forecast for GHG emissions in the California Air Resources Board’s 2008 Climate Change Scoping Plan supports the 2011 IPPC estimates. The 2008 Climate Change Scoping Plan also indicates that GHG emissions will increase to 596.41 million metric tons of CO<sub>2</sub>e by 2020. It is widely understood that climate change is a “global” issue and, as such, GHG emissions are a cumulative problem and can only be evaluated as such.

The amount of CO<sub>2</sub> that would be generated by the Project is so small in relation to the California CO<sub>2</sub> equivalent estimates for 2020 (596 million metric tons CO<sub>2</sub>e) that it’s not possible for the contribution of the project to be cumulatively considerable. Additionally, the Project’s GHG emissions are less than the 2005 business as usual emissions for the Project by 1,009.02 metric tons CO<sub>2</sub>e, which is a 50.0% reduction. Therefore, the Project would not generate a cumulatively considerable GHG impact, nor would it conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs. The Project will also not conflict with any elements of the California Air Resources Board’s 2008 Climate Change Scoping Plan. Therefore, this potential impact is less than significant.

## 5.4 Potential Impact on Sensitive Receptors

The proposed Project is located east of the intersection between Camino Media and Old River Road. Sensitive receptors are defined as areas where young children, chronically ill individuals, the elderly, or people who are more sensitive than the general population reside. Schools, hospitals, nursing homes and daycare centers are locations where sensitive receptors would likely reside. There are currently sensitive receptors at the existing Rosewood senior living and health center located on the proposed Project site. The closest school is Ronald Reagan Elementary School at 0.64 miles to the west. The closest hospital is Mercy Hospital Southwest at 0.45 miles north, and the closest daycare facility is Childtime of Bakersfield at 0.13 miles to the southwest of the Project. There are no other known schools, hospitals, or nursing homes within a one-mile radius of the Project.

Based on the predicted operational emissions and activity types, the proposed Project is not expected to affect any on-site or off-site sensitive receptors and is not expected to have any adverse impacts on any known sensitive receptor.

## 5.5 Potential Impacts to Visibility to Nearby Class 1 Areas

It should be noted that visibility impact analyses are not usually conducted for area sources. The recommended analysis methodology was initially intended for stationary sources of emissions which were subject to the Prevention of Significant Deterioration (PSD) requirements in 40 CFR Part 60. Since the Project's emissions are predicted to be significantly less than the PSD threshold levels, an impact at either the Dome Land Wilderness or the Sequoia National Park Areas (the two nearest Class 1 areas to the Project) is extremely unlikely. Therefore, based on the Project's predicted emissions, the Project is not expected to have any adverse impact to visibility at any Class 1 Area.

## 5.6 Potential Odor Impacts

The proposed Project is a residential community located near other residential neighborhoods. Expected uses are not known to be a source of nuisance odors and are not listed in Table 6 of the SJVAPCD's GAMAQI. The Project is therefore not anticipated to have substantial odor impacts. The Project is therefore anticipated to have a less than significant odor impact.

## 5.7 Ambient Air Quality Impacts

As stated in the of GAMAQI (2015, p 96-97), SJVAPCD has developed screening levels for requiring an Ambient Air Quality Analysis (AAQA). The SJVAPCD recommends that an AAQA be performed for all criteria pollutants when emissions of any criteria pollutant resulting from project construction or operational activities exceed the 100 pounds per day screening level, after compliance with Rule 9510 requirements and implementation of all enforceable mitigation measures.

As shown above in **Table 5-1** and **Table 5-2**, average daily emissions for construction and operational activities associated with this Project would not exceed 100 pounds per day. Therefore, an AAQA is not required for this Project.

## 5.8 Toxic Air Contaminant (TAC) Impacts

TACs, as defined by the California Health & Safety Code (CH&SC) §44321, are listed in Appendices AI and AII in AB 2588 Air Toxic "Hot Spots" and Assessment Act's Emissions Inventory Criteria and Guideline Regulation document. SJVAPCD's risk management objectives for permitting and CEQA are as follows:

- ▶ Minimize health risks from new and modified sources of air pollution.
- ▶ Health risks from new and modified sources shall not be significant relative to the background risk levels and other risk levels that are typically accepted throughout the community.
- ▶ Avoid unreasonable restrictions on permitting.

The proposed Project would result in emissions of Hazardous Air Pollutants (HAPs) during construction and would be located near existing residents; therefore, an assessment of the potential risk to the population attributable to emissions of hazardous air pollutants from the proposed Project is required. To predict the potential health risk to the population attributable to emissions of HAPs from the proposed Project, ambient air concentrations were predicted with dispersion modeling to arrive at a conservative estimate of increased individual carcinogenic risk that might occur as a result of continuous exposure over the construction period for construction emissions. Similarly, predicted concentrations were used to calculate non-cancer chronic and acute hazard indices (HIs), which are the ratio of expected exposure to acceptable exposure. The basis for evaluating potential health risk is the identification of sources with increased HAPs. HAP emissions from anticipated on-site construction activities were evaluated.

Health risk is determined using the Hotspots Analysis and Reporting Program (HARP2) software distributed by the CARB; HARP2 requires peak 1-hour emission rates and annual-averaged emission rates for all pollutants for each modeling source. Assumptions used to calculate the emission rates for the proposed Project are outlined below.

The most recent version of EPA's AMS/EPA Regulatory Model - AERMOD was used to predict the dispersion of emissions from the proposed Project. The analysis employed all of the regulatory default AERMOD model keyword parameters, including elevated terrain options.

Diesel combustion emissions from diesel on-site construction equipment were modeled as an area source for on-site construction activity on the property. Diesel particulate matter was calculated using CalEEMod for onsite construction equipment. A unit emission rate of 1 grams/second (g/sec) was input to AERMOD for each source. The time-of-day variable emissions rates were applied in AERMOD since construction emissions are expected to be limited to specific work hours provided by the project proponent. This scenario places the highest level of activity and impact in the closest proximity to potential receptors to determine if, at the Project's highest potential impact, it would present adverse health risks to nearby receptors. Operational emissions from the condominium/townhouse community would not generate HAP emissions.

Discrete receptors were placed on residences and businesses within close proximity of the Project site and receptor grids over more densely populated areas. A total of 1650 discrete off-site receptors were analyzed. Elevated terrain options were employed even though there is not complex terrain in the Project area.

SJVAPCD-provided, AERMET processed meteorological datasets for the Bakersfield monitoring station, calendar years 2013 through 2017 was input to AERMOD (SVJAPCD 2018). This was the most recent available dataset available at the time the modeling was conducted. Rural dispersion parameters were used because the operation and the majority of the land surrounding the facility is considered "rural" under the Auer land use classification method (Auer 1978).

Plot files generated by AERMOD were uploaded to the Air Dispersion Modeling and Risk Assessment Tool (ADMRT v21081) program in the Hotspots Analysis and Reporting Program Version 2 (HARP 2) (CARB 2021). ADMRT post-processing was used to assess the potential for excess cancer risk and chronic and acute noncancer effects using the most recent health effects data from the California EPA Office of Environmental Health Hazard Assessment (OEHHA). HARP2 site parameters were set for the mandatory minimum pathways of inhalation, soil ingestion, dermal, and mother's milk for residential receptors and inhalation, soil ingestion,

and dermal for worker receptors. Risk reports were generated using the derived OEHHA analysis method for carcinogenic risk and non-carcinogenic chronic and acute risk. Site parameters are included in the HARP2 output files. Total cancer risk was predicted for each receptor. A hazard index was computed for chronic non-cancer health effects for each applicable endpoint and each receptor. A hazard index for acute non-cancer health effects was not computed since DPM does not have a risk exposure level for acute risk.

SJVAPCD has set the level of significance for carcinogenic risk at twenty in one million, which is understood as the possibility of causing twenty additional cancer cases in a population of one million people. The level of significance for chronic non-cancer risk is a hazard index of 1.0. All receptors were modeled with a 5-year exposure for the construction activities.

The carcinogenic risk and the health hazard index (HI) for chronic non-cancer risk at the maximum exposed individual resident and worker (MEIR and MEIW, respectively) do not exceed the significance levels of twenty in one million (20E-06) and 1.0, respectively for the proposed Project. The MEIR and MEIW are identified by receptor location and risk and are provided in **Table 5-4**. The electronic AERMOD and HARP2 output files are provided in Attachment E.

**Table 5-4. Potential Maximum Health Risk Impacts**

	Value	UTM East	UTM N
Excess Cancer Risk (residence)	2.89E-06	308475	3912742.3
Chronic Hazard Index (residence)	1.69E-03	308475	3912742.3
Excess Cancer Risk (worker)	5.24E-07	308301	3913095.7
Chronic Hazard Index (worker)	2.03E-02	308301	3913095.7

As shown above in **Table 5-4**, the maximum predicted cancer risk for the proposed Project is 2.89E-06. The maximum chronic non-cancer hazard index for the proposed Project is 2.03E-02. Since the PMI remained below the significance threshold for cancer and chronic risk, this Project would not have an adverse effect to any of the surrounding communities.

The potential health risk attributable to the proposed Project is determined to be less than significant based on the following conclusions:

1. Potential carcinogenic risk from the proposed Project is below the significance level of twenty in a million at each of the modeled receptors; and
2. The hazard index for the potential chronic non-cancer risk from the proposed Project is below the significance level of 1.0 at each of the modeled receptors.
3. The hazard index for the potential acute non-cancer risk was not calculated since there is no acute risk associated with DPM emission; therefore, the proposed Project is considered below the significance level.

Therefore, potential risk to the population attributable to emissions of HAPs from the proposed Project would be less than significant.

## 5.9 Cumulative Impacts

Cumulative impacts were also evaluated; however, cumulative emissions were not quantified because no other tentative projects were found within a one-mile radius of the Proposed Project that provided enough project detail information to accurately estimate emissions. Owing to the inherently cumulative nature of air quality impacts, the threshold for whether a project would make a cumulatively considerable contribution to a significant cumulative impact is currently based on whether the proposed Project would exceed established

project-level thresholds. As such, a qualitative evaluation of the cumulative projects supports a finding that the Project's contribution would not be cumulatively considerable because the proposed Project's incremental emissions increase would be less than significant.

## 6. CONCLUSIONS

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Based on the criteria established by the SJVAPCD's GAMAQI and SPAL guidelines, the proposed Project does not meet the minimum standards to require a full Air Quality Impact Analysis. Furthermore, the Project as proposed would not exceed the SJVAPCD's criteria air pollutant emission levels and would generate *less than significant air quality impacts*.



## 7. REFERENCES

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- California Environmental Quality Act (CEQA). 2019. (Public Resources Code 21000 - 21189) and CEQA Guidelines (California Code of Regulations Title 14, Division 6, Chapter 3, Sections 15000 – 15387).
- . 2019. CEQA, Appendix G – Environmental Checklist Form, Final Text.
- California Air Pollution Control Officers Association (CAPCOA). 2016. California Emissions Estimator Model tm (CalEEMod), version 2016.3.2.
- . 2016. "Air Toxic Hot Spots" Facility Prioritization Guidelines, Revised 2016.
- Ruettgers & Schuler. 2021. Camino Media – Single Family Residential.
- San Joaquin Valley Air Pollution Control District (SJVAPCD). 2020. Small Project Analysis Level (SPAL) Memorandum. November 13, 2020.  
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- . 2009. Guidance for Valley Land-use Agencies in Addressing GHG Emission Impacts for New Projects under CEQA. December 17, 2009.

## **APPENDIX A. CALEEMOD EMISSIONS ESTIMATES OUTPUT FILES**

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Camino Media - University Square - Kern-San Joaquin County, Annual

**Camino Media - University Square**  
**Kern-San Joaquin County, Annual**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse	120.00	Dwelling Unit	11.22	120,000.00	343

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.7	<b>Precipitation Freq (Days)</b>	32
<b>Climate Zone</b>	3			<b>Operational Year</b>	2024
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Camino Media - University Square - Kern-San Joaquin County, Annual

Project Characteristics -

Land Use - Total site size is 11.22 acres

Construction Phase - Start date - 4/2022

End date - 4/2024

Trips and VMT -

Grading -

Architectural Coating -

Vehicle Trips - Per traffic letter

Woodstoves - No woodstoves/fireplaces

Area Coating -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Fleet Mix - 2024 residential fleet mix

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	14.00
tblConstructionPhase	NumDays	30.00	42.00
tblConstructionPhase	NumDays	300.00	420.00
tblConstructionPhase	NumDays	20.00	28.00
tblConstructionPhase	NumDays	20.00	28.00
tblFireplaces	NumberGas	66.00	0.00
tblFireplaces	NumberNoFireplace	54.00	0.00
tblFleetMix	HHD	0.15	0.02

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tblFleetMix	LDA	0.49	0.53
tblFleetMix	LDT1	0.03	0.21
tblFleetMix	LDT2	0.17	0.17
tblFleetMix	LHD1	0.02	9.0000e-004
tblFleetMix	LHD2	5.2590e-003	9.0000e-004
tblFleetMix	MCY	5.6980e-003	2.5000e-003
tblFleetMix	MDV	0.11	0.06
tblFleetMix	MH	7.1100e-004	2.0000e-003
tblFleetMix	MHD	0.02	8.0000e-003
tblFleetMix	OBUS	1.5990e-003	0.00
tblFleetMix	SBUS	8.9600e-004	2.0000e-004
tblFleetMix	UBUS	1.5700e-003	4.3000e-003
tblLandUse	LotAcreage	7.50	11.22
tblVehicleTrips	ST_TR	5.67	9.44
tblVehicleTrips	SU_TR	4.84	9.44
tblVehicleTrips	WD_TR	5.81	9.44
tblWoodstoves	NumberCatalytic	11.22	0.00
tblWoodstoves	NumberNoncatalytic	11.22	0.00

## 2.0 Emissions Summary

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Camino Media - University Square - Kern-San Joaquin County, Annual

**2.1 Overall Construction**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.2421	2.2488	2.0516	4.2100e-003	0.3676	0.1028	0.4704	0.1609	0.0958	0.2567	0.0000	369.8540	369.8540	0.0863	0.0000	372.0111
2023	0.2423	2.0252	2.3584	4.7900e-003	0.1014	0.0917	0.1931	0.0272	0.0863	0.1135	0.0000	419.8320	419.8320	0.0755	0.0000	421.7196
2024	1.1614	0.2973	0.4175	7.6000e-004	0.0114	0.0136	0.0250	3.0500e-003	0.0127	0.0158	0.0000	66.5181	66.5181	0.0151	0.0000	66.8954
<b>Maximum</b>	<b>1.1614</b>	<b>2.2488</b>	<b>2.3584</b>	<b>4.7900e-003</b>	<b>0.3676</b>	<b>0.1028</b>	<b>0.4704</b>	<b>0.1609</b>	<b>0.0958</b>	<b>0.2567</b>	<b>0.0000</b>	<b>419.8320</b>	<b>419.8320</b>	<b>0.0863</b>	<b>0.0000</b>	<b>421.7196</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.2421	2.2488	2.0516	4.2100e-003	0.1793	0.1028	0.2822	0.0724	0.0958	0.1682	0.0000	369.8536	369.8536	0.0863	0.0000	372.0107
2023	0.2423	2.0252	2.3584	4.7900e-003	0.1014	0.0917	0.1931	0.0272	0.0863	0.1135	0.0000	419.8316	419.8316	0.0755	0.0000	421.7193
2024	1.1614	0.2973	0.4175	7.6000e-004	0.0114	0.0136	0.0250	3.0500e-003	0.0127	0.0158	0.0000	66.5181	66.5181	0.0151	0.0000	66.8953
<b>Maximum</b>	<b>1.1614</b>	<b>2.2488</b>	<b>2.3584</b>	<b>4.7900e-003</b>	<b>0.1793</b>	<b>0.1028</b>	<b>0.2822</b>	<b>0.0724</b>	<b>0.0958</b>	<b>0.1682</b>	<b>0.0000</b>	<b>419.8316</b>	<b>419.8316</b>	<b>0.0863</b>	<b>0.0000</b>	<b>421.7193</b>

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	39.19	0.00	27.34	46.30	0.00	22.93	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-1-2022	6-30-2022	1.2308	1.2308
2	7-1-2022	9-30-2022	0.6305	0.6305
3	10-1-2022	12-31-2022	0.6309	0.6309
4	1-1-2023	3-31-2023	0.5614	0.5614
5	4-1-2023	6-30-2023	0.5675	0.5675
6	7-1-2023	9-30-2023	0.5737	0.5737
7	10-1-2023	12-31-2023	0.5739	0.5739
8	1-1-2024	3-31-2024	1.0349	1.0349
9	4-1-2024	6-30-2024	0.4389	0.4389
		Highest	1.2308	1.2308

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**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6081	0.0103	0.8906	5.0000e-005		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003	0.0000	1.4555	1.4555	1.4000e-003	0.0000	1.4904
Energy	0.0116	0.0993	0.0423	6.3000e-004		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	307.3298	307.3298	0.0109	3.9100e-003	308.7668
Mobile	0.2731	0.9665	3.2431	0.0128	1.2436	9.6100e-003	1.2532	0.3324	8.9200e-003	0.3413	0.0000	1,173.9636	1,173.9636	0.0521	0.0000	1,175.2669
Waste						0.0000	0.0000		0.0000	0.0000	11.2051	0.0000	11.2051	0.6622	0.0000	27.7602
Water						0.0000	0.0000		0.0000	0.0000	2.4804	17.3260	19.8064	0.2556	6.1800e-003	28.0361
<b>Total</b>	<b>0.8928</b>	<b>1.0761</b>	<b>4.1760</b>	<b>0.0135</b>	<b>1.2436</b>	<b>0.0226</b>	<b>1.2662</b>	<b>0.3324</b>	<b>0.0219</b>	<b>0.3542</b>	<b>13.6855</b>	<b>1,500.0748</b>	<b>1,513.7603</b>	<b>0.9822</b>	<b>0.0101</b>	<b>1,541.3203</b>



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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.6077	0.0102	0.8842	5.0000e-005		4.9000e-003	4.9000e-003		4.9000e-003	4.9000e-003	0.0000	1.4424	1.4424	1.3800e-003	0.0000	1.4768
Energy	0.0116	0.0993	0.0423	6.3000e-004		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	-94.4108	-94.4108	-0.0073	1.5000e-004	-94.5479
Mobile	0.2636	0.9093	2.9413	0.0114	1.0969	8.6100e-003	1.1055	0.2931	7.9900e-003	0.3011	0.0000	1,044.9154	1,044.9154	0.0476	0.0000	1,046.1066
Waste						0.0000	0.0000		0.0000	0.0000	11.2051	0.0000	11.2051	0.6622	0.0000	27.7602
Water						0.0000	0.0000		0.0000	0.0000	2.4804	17.3260	19.8064	0.2556	6.1800e-003	28.0361
<b>Total</b>	<b>0.8829</b>	<b>1.0188</b>	<b>3.8678</b>	<b>0.0120</b>	<b>1.0969</b>	<b>0.0215</b>	<b>1.1184</b>	<b>0.2931</b>	<b>0.0209</b>	<b>0.3141</b>	<b>13.6855</b>	<b>969.2729</b>	<b>982.9584</b>	<b>0.9595</b>	<b>6.3300e-003</b>	<b>1,008.8316</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>1.11</b>	<b>5.32</b>	<b>7.38</b>	<b>10.48</b>	<b>11.80</b>	<b>4.61</b>	<b>11.67</b>	<b>11.80</b>	<b>4.43</b>	<b>11.35</b>	<b>0.00</b>	<b>35.39</b>	<b>35.07</b>	<b>2.31</b>	<b>37.26</b>	<b>34.55</b>

**3.0 Construction Detail**

**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	4/1/2022	4/20/2022	5	14	
2	Grading	Grading	4/21/2022	6/17/2022	5	42	
3	Building Construction	Building Construction	6/18/2022	1/26/2024	5	420	
4	Paving	Paving	1/27/2024	3/6/2024	5	28	
5	Architectural Coating	Architectural Coating	3/7/2024	4/15/2024	5	28	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 105**

**Acres of Paving: 0**

**Residential Indoor: 243,000; Residential Outdoor: 81,000; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	86.00	13.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	17.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

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**3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

**3.2 Site Preparation - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1265	0.0000	0.1265	0.0695	0.0000	0.0695	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0222	0.2316	0.1379	2.7000e-004		0.0113	0.0113		0.0104	0.0104	0.0000	23.4076	23.4076	7.5700e-003	0.0000	23.5968
<b>Total</b>	<b>0.0222</b>	<b>0.2316</b>	<b>0.1379</b>	<b>2.7000e-004</b>	<b>0.1265</b>	<b>0.0113</b>	<b>0.1378</b>	<b>0.0695</b>	<b>0.0104</b>	<b>0.0799</b>	<b>0.0000</b>	<b>23.4076</b>	<b>23.4076</b>	<b>7.5700e-003</b>	<b>0.0000</b>	<b>23.5968</b>

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**3.2 Site Preparation - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	2.6000e-004	2.7100e-003	1.0000e-005	1.0200e-003	1.0000e-005	1.0200e-003	2.7000e-004	1.0000e-005	2.8000e-004	0.0000	0.8660	0.8660	2.0000e-005	0.0000	0.8665
<b>Total</b>	<b>4.1000e-004</b>	<b>2.6000e-004</b>	<b>2.7100e-003</b>	<b>1.0000e-005</b>	<b>1.0200e-003</b>	<b>1.0000e-005</b>	<b>1.0200e-003</b>	<b>2.7000e-004</b>	<b>1.0000e-005</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>0.8660</b>	<b>0.8660</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.8665</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0493	0.0000	0.0493	0.0271	0.0000	0.0271	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0222	0.2316	0.1379	2.7000e-004		0.0113	0.0113		0.0104	0.0104	0.0000	23.4076	23.4076	7.5700e-003	0.0000	23.5968
<b>Total</b>	<b>0.0222</b>	<b>0.2316</b>	<b>0.1379</b>	<b>2.7000e-004</b>	<b>0.0493</b>	<b>0.0113</b>	<b>0.0606</b>	<b>0.0271</b>	<b>0.0104</b>	<b>0.0375</b>	<b>0.0000</b>	<b>23.4076</b>	<b>23.4076</b>	<b>7.5700e-003</b>	<b>0.0000</b>	<b>23.5968</b>

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**3.2 Site Preparation - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	2.6000e-004	2.7100e-003	1.0000e-005	1.0200e-003	1.0000e-005	1.0200e-003	2.7000e-004	1.0000e-005	2.8000e-004	0.0000	0.8660	0.8660	2.0000e-005	0.0000	0.8665
<b>Total</b>	<b>4.1000e-004</b>	<b>2.6000e-004</b>	<b>2.7100e-003</b>	<b>1.0000e-005</b>	<b>1.0200e-003</b>	<b>1.0000e-005</b>	<b>1.0200e-003</b>	<b>2.7000e-004</b>	<b>1.0000e-005</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>0.8660</b>	<b>0.8660</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.8665</b>

**3.3 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1821	0.0000	0.1821	0.0755	0.0000	0.0755	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0761	0.8157	0.6099	1.3000e-003		0.0343	0.0343		0.0316	0.0316	0.0000	114.5227	114.5227	0.0370	0.0000	115.4486
<b>Total</b>	<b>0.0761</b>	<b>0.8157</b>	<b>0.6099</b>	<b>1.3000e-003</b>	<b>0.1821</b>	<b>0.0343</b>	<b>0.2165</b>	<b>0.0755</b>	<b>0.0316</b>	<b>0.1071</b>	<b>0.0000</b>	<b>114.5227</b>	<b>114.5227</b>	<b>0.0370</b>	<b>0.0000</b>	<b>115.4486</b>

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**3.3 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3800e-003	8.7000e-004	9.0200e-003	3.0000e-005	3.3800e-003	2.0000e-005	3.4100e-003	9.0000e-004	2.0000e-005	9.2000e-004	0.0000	2.8866	2.8866	6.0000e-005	0.0000	2.8882
<b>Total</b>	<b>1.3800e-003</b>	<b>8.7000e-004</b>	<b>9.0200e-003</b>	<b>3.0000e-005</b>	<b>3.3800e-003</b>	<b>2.0000e-005</b>	<b>3.4100e-003</b>	<b>9.0000e-004</b>	<b>2.0000e-005</b>	<b>9.2000e-004</b>	<b>0.0000</b>	<b>2.8866</b>	<b>2.8866</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.8882</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0710	0.0000	0.0710	0.0295	0.0000	0.0295	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0761	0.8157	0.6099	1.3000e-003		0.0343	0.0343		0.0316	0.0316	0.0000	114.5225	114.5225	0.0370	0.0000	115.4485
<b>Total</b>	<b>0.0761</b>	<b>0.8157</b>	<b>0.6099</b>	<b>1.3000e-003</b>	<b>0.0710</b>	<b>0.0343</b>	<b>0.1054</b>	<b>0.0295</b>	<b>0.0316</b>	<b>0.0611</b>	<b>0.0000</b>	<b>114.5225</b>	<b>114.5225</b>	<b>0.0370</b>	<b>0.0000</b>	<b>115.4485</b>

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**3.3 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3800e-003	8.7000e-004	9.0200e-003	3.0000e-005	3.3800e-003	2.0000e-005	3.4100e-003	9.0000e-004	2.0000e-005	9.2000e-004	0.0000	2.8866	2.8866	6.0000e-005	0.0000	2.8882
<b>Total</b>	<b>1.3800e-003</b>	<b>8.7000e-004</b>	<b>9.0200e-003</b>	<b>3.0000e-005</b>	<b>3.3800e-003</b>	<b>2.0000e-005</b>	<b>3.4100e-003</b>	<b>9.0000e-004</b>	<b>2.0000e-005</b>	<b>9.2000e-004</b>	<b>0.0000</b>	<b>2.8866</b>	<b>2.8866</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.8882</b>

**3.4 Building Construction - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1194	1.0931	1.1454	1.8900e-003		0.0566	0.0566		0.0533	0.0533	0.0000	162.2077	162.2077	0.0389	0.0000	163.1792
<b>Total</b>	<b>0.1194</b>	<b>1.0931</b>	<b>1.1454</b>	<b>1.8900e-003</b>		<b>0.0566</b>	<b>0.0566</b>		<b>0.0533</b>	<b>0.0533</b>	<b>0.0000</b>	<b>162.2077</b>	<b>162.2077</b>	<b>0.0389</b>	<b>0.0000</b>	<b>163.1792</b>



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**3.4 Building Construction - 2022****Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7900e-003	0.0949	0.0175	2.6000e-004	6.0700e-003	2.3000e-004	6.3100e-003	1.7500e-003	2.2000e-004	1.9700e-003	0.0000	24.5892	24.5892	1.8200e-003	0.0000	24.6347
Worker	0.0198	0.0124	0.1292	4.6000e-004	0.0485	3.2000e-004	0.0488	0.0129	3.0000e-004	0.0132	0.0000	41.3743	41.3743	9.1000e-004	0.0000	41.3971
<b>Total</b>	<b>0.0226</b>	<b>0.1073</b>	<b>0.1467</b>	<b>7.2000e-004</b>	<b>0.0546</b>	<b>5.5000e-004</b>	<b>0.0551</b>	<b>0.0146</b>	<b>5.2000e-004</b>	<b>0.0152</b>	<b>0.0000</b>	<b>65.9635</b>	<b>65.9635</b>	<b>2.7300e-003</b>	<b>0.0000</b>	<b>66.0318</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1194	1.0931	1.1454	1.8900e-003		0.0566	0.0566		0.0533	0.0533	0.0000	162.2075	162.2075	0.0389	0.0000	163.1790
<b>Total</b>	<b>0.1194</b>	<b>1.0931</b>	<b>1.1454</b>	<b>1.8900e-003</b>		<b>0.0566</b>	<b>0.0566</b>		<b>0.0533</b>	<b>0.0533</b>	<b>0.0000</b>	<b>162.2075</b>	<b>162.2075</b>	<b>0.0389</b>	<b>0.0000</b>	<b>163.1790</b>

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**3.4 Building Construction - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7900e-003	0.0949	0.0175	2.6000e-004	6.0700e-003	2.3000e-004	6.3100e-003	1.7500e-003	2.2000e-004	1.9700e-003	0.0000	24.5892	24.5892	1.8200e-003	0.0000	24.6347
Worker	0.0198	0.0124	0.1292	4.6000e-004	0.0485	3.2000e-004	0.0488	0.0129	3.0000e-004	0.0132	0.0000	41.3743	41.3743	9.1000e-004	0.0000	41.3971
<b>Total</b>	<b>0.0226</b>	<b>0.1073</b>	<b>0.1467</b>	<b>7.2000e-004</b>	<b>0.0546</b>	<b>5.5000e-004</b>	<b>0.0551</b>	<b>0.0146</b>	<b>5.2000e-004</b>	<b>0.0152</b>	<b>0.0000</b>	<b>65.9635</b>	<b>65.9635</b>	<b>2.7300e-003</b>	<b>0.0000</b>	<b>66.0318</b>

**3.4 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383
<b>Total</b>	<b>0.2045</b>	<b>1.8700</b>	<b>2.1117</b>	<b>3.5000e-003</b>		<b>0.0910</b>	<b>0.0910</b>		<b>0.0856</b>	<b>0.0856</b>	<b>0.0000</b>	<b>301.3462</b>	<b>301.3462</b>	<b>0.0717</b>	<b>0.0000</b>	<b>303.1383</b>

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**3.4 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6600e-003	0.1345	0.0271	4.7000e-004	0.0113	1.3000e-004	0.0114	3.2600e-003	1.3000e-004	3.3800e-003	0.0000	44.5380	44.5380	2.3200e-003	0.0000	44.5959
Worker	0.0342	0.0206	0.2196	8.2000e-004	0.0901	5.9000e-004	0.0907	0.0239	5.4000e-004	0.0245	0.0000	73.9478	73.9478	1.5100e-003	0.0000	73.9855
<b>Total</b>	<b>0.0378</b>	<b>0.1552</b>	<b>0.2467</b>	<b>1.2900e-003</b>	<b>0.1014</b>	<b>7.2000e-004</b>	<b>0.1021</b>	<b>0.0272</b>	<b>6.7000e-004</b>	<b>0.0279</b>	<b>0.0000</b>	<b>118.4858</b>	<b>118.4858</b>	<b>3.8300e-003</b>	<b>0.0000</b>	<b>118.5813</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380
<b>Total</b>	<b>0.2045</b>	<b>1.8700</b>	<b>2.1117</b>	<b>3.5000e-003</b>		<b>0.0910</b>	<b>0.0910</b>		<b>0.0856</b>	<b>0.0856</b>	<b>0.0000</b>	<b>301.3458</b>	<b>301.3458</b>	<b>0.0717</b>	<b>0.0000</b>	<b>303.1380</b>

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**3.4 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6600e-003	0.1345	0.0271	4.7000e-004	0.0113	1.3000e-004	0.0114	3.2600e-003	1.3000e-004	3.3800e-003	0.0000	44.5380	44.5380	2.3200e-003	0.0000	44.5959
Worker	0.0342	0.0206	0.2196	8.2000e-004	0.0901	5.9000e-004	0.0907	0.0239	5.4000e-004	0.0245	0.0000	73.9478	73.9478	1.5100e-003	0.0000	73.9855
<b>Total</b>	<b>0.0378</b>	<b>0.1552</b>	<b>0.2467</b>	<b>1.2900e-003</b>	<b>0.1014</b>	<b>7.2000e-004</b>	<b>0.1021</b>	<b>0.0272</b>	<b>6.7000e-004</b>	<b>0.0279</b>	<b>0.0000</b>	<b>118.4858</b>	<b>118.4858</b>	<b>3.8300e-003</b>	<b>0.0000</b>	<b>118.5813</b>

**3.4 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0147	0.1344	0.1617	2.7000e-004		6.1300e-003	6.1300e-003		5.7700e-003	5.7700e-003	0.0000	23.1849	23.1849	5.4800e-003	0.0000	23.3220
<b>Total</b>	<b>0.0147</b>	<b>0.1344</b>	<b>0.1617</b>	<b>2.7000e-004</b>		<b>6.1300e-003</b>	<b>6.1300e-003</b>		<b>5.7700e-003</b>	<b>5.7700e-003</b>	<b>0.0000</b>	<b>23.1849</b>	<b>23.1849</b>	<b>5.4800e-003</b>	<b>0.0000</b>	<b>23.3220</b>

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**3.4 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7000e-004	0.0103	1.9700e-003	4.0000e-005	8.7000e-004	1.0000e-005	8.8000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	3.3997	3.3997	1.8000e-004	0.0000	3.4042
Worker	2.4600e-003	1.4300e-003	0.0156	6.0000e-005	6.9300e-003	4.0000e-005	6.9700e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.4715	5.4715	1.0000e-004	0.0000	5.4741
<b>Total</b>	<b>2.7300e-003</b>	<b>0.0117</b>	<b>0.0176</b>	<b>1.0000e-004</b>	<b>7.8000e-003</b>	<b>5.0000e-005</b>	<b>7.8500e-003</b>	<b>2.0900e-003</b>	<b>5.0000e-005</b>	<b>2.1400e-003</b>	<b>0.0000</b>	<b>8.8712</b>	<b>8.8712</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>8.8784</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0147	0.1344	0.1617	2.7000e-004		6.1300e-003	6.1300e-003		5.7700e-003	5.7700e-003	0.0000	23.1849	23.1849	5.4800e-003	0.0000	23.3220
<b>Total</b>	<b>0.0147</b>	<b>0.1344</b>	<b>0.1617</b>	<b>2.7000e-004</b>		<b>6.1300e-003</b>	<b>6.1300e-003</b>		<b>5.7700e-003</b>	<b>5.7700e-003</b>	<b>0.0000</b>	<b>23.1849</b>	<b>23.1849</b>	<b>5.4800e-003</b>	<b>0.0000</b>	<b>23.3220</b>

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**3.4 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.7000e-004	0.0103	1.9700e-003	4.0000e-005	8.7000e-004	1.0000e-005	8.8000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	3.3997	3.3997	1.8000e-004	0.0000	3.4042
Worker	2.4600e-003	1.4300e-003	0.0156	6.0000e-005	6.9300e-003	4.0000e-005	6.9700e-003	1.8400e-003	4.0000e-005	1.8800e-003	0.0000	5.4715	5.4715	1.0000e-004	0.0000	5.4741
<b>Total</b>	<b>2.7300e-003</b>	<b>0.0117</b>	<b>0.0176</b>	<b>1.0000e-004</b>	<b>7.8000e-003</b>	<b>5.0000e-005</b>	<b>7.8500e-003</b>	<b>2.0900e-003</b>	<b>5.0000e-005</b>	<b>2.1400e-003</b>	<b>0.0000</b>	<b>8.8712</b>	<b>8.8712</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>8.8784</b>

**3.5 Paving - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0138	0.1333	0.2048	3.2000e-004		6.5600e-003	6.5600e-003		6.0300e-003	6.0300e-003	0.0000	28.0371	28.0371	9.0700e-003	0.0000	28.2638
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0138</b>	<b>0.1333</b>	<b>0.2048</b>	<b>3.2000e-004</b>		<b>6.5600e-003</b>	<b>6.5600e-003</b>		<b>6.0300e-003</b>	<b>6.0300e-003</b>	<b>0.0000</b>	<b>28.0371</b>	<b>28.0371</b>	<b>9.0700e-003</b>	<b>0.0000</b>	<b>28.2638</b>

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**3.5 Paving - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-004	3.5000e-004	3.8200e-003	1.0000e-005	1.6900e-003	1.0000e-005	1.7000e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.3361	1.3361	3.0000e-005	0.0000	1.3367
<b>Total</b>	<b>6.0000e-004</b>	<b>3.5000e-004</b>	<b>3.8200e-003</b>	<b>1.0000e-005</b>	<b>1.6900e-003</b>	<b>1.0000e-005</b>	<b>1.7000e-003</b>	<b>4.5000e-004</b>	<b>1.0000e-005</b>	<b>4.6000e-004</b>	<b>0.0000</b>	<b>1.3361</b>	<b>1.3361</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.3367</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0138	0.1333	0.2048	3.2000e-004		6.5600e-003	6.5600e-003		6.0300e-003	6.0300e-003	0.0000	28.0371	28.0371	9.0700e-003	0.0000	28.2638
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0138</b>	<b>0.1333</b>	<b>0.2048</b>	<b>3.2000e-004</b>		<b>6.5600e-003</b>	<b>6.5600e-003</b>		<b>6.0300e-003</b>	<b>6.0300e-003</b>	<b>0.0000</b>	<b>28.0371</b>	<b>28.0371</b>	<b>9.0700e-003</b>	<b>0.0000</b>	<b>28.2638</b>

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**3.5 Paving - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-004	3.5000e-004	3.8200e-003	1.0000e-005	1.6900e-003	1.0000e-005	1.7000e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.3361	1.3361	3.0000e-005	0.0000	1.3367
<b>Total</b>	<b>6.0000e-004</b>	<b>3.5000e-004</b>	<b>3.8200e-003</b>	<b>1.0000e-005</b>	<b>1.6900e-003</b>	<b>1.0000e-005</b>	<b>1.7000e-003</b>	<b>4.5000e-004</b>	<b>1.0000e-005</b>	<b>4.6000e-004</b>	<b>0.0000</b>	<b>1.3361</b>	<b>1.3361</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.3367</b>

**3.6 Architectural Coating - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1263					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.5300e-003	0.0171	0.0253	4.0000e-005		8.5000e-004	8.5000e-004		8.5000e-004	8.5000e-004	0.0000	3.5746	3.5746	2.0000e-004	0.0000	3.5796
<b>Total</b>	<b>1.1288</b>	<b>0.0171</b>	<b>0.0253</b>	<b>4.0000e-005</b>		<b>8.5000e-004</b>	<b>8.5000e-004</b>		<b>8.5000e-004</b>	<b>8.5000e-004</b>	<b>0.0000</b>	<b>3.5746</b>	<b>3.5746</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>3.5796</b>



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**3.6 Architectural Coating - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8000e-004	4.0000e-004	4.3300e-003	2.0000e-005	1.9200e-003	1.0000e-005	1.9300e-003	5.1000e-004	1.0000e-005	5.2000e-004	0.0000	1.5142	1.5142	3.0000e-005	0.0000	1.5149
<b>Total</b>	<b>6.8000e-004</b>	<b>4.0000e-004</b>	<b>4.3300e-003</b>	<b>2.0000e-005</b>	<b>1.9200e-003</b>	<b>1.0000e-005</b>	<b>1.9300e-003</b>	<b>5.1000e-004</b>	<b>1.0000e-005</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>1.5142</b>	<b>1.5142</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.5149</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1263					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.5300e-003	0.0171	0.0253	4.0000e-005		8.5000e-004	8.5000e-004		8.5000e-004	8.5000e-004	0.0000	3.5746	3.5746	2.0000e-004	0.0000	3.5796
<b>Total</b>	<b>1.1288</b>	<b>0.0171</b>	<b>0.0253</b>	<b>4.0000e-005</b>		<b>8.5000e-004</b>	<b>8.5000e-004</b>		<b>8.5000e-004</b>	<b>8.5000e-004</b>	<b>0.0000</b>	<b>3.5746</b>	<b>3.5746</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>3.5796</b>

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**3.6 Architectural Coating - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8000e-004	4.0000e-004	4.3300e-003	2.0000e-005	1.9200e-003	1.0000e-005	1.9300e-003	5.1000e-004	1.0000e-005	5.2000e-004	0.0000	1.5142	1.5142	3.0000e-005	0.0000	1.5149
<b>Total</b>	<b>6.8000e-004</b>	<b>4.0000e-004</b>	<b>4.3300e-003</b>	<b>2.0000e-005</b>	<b>1.9200e-003</b>	<b>1.0000e-005</b>	<b>1.9300e-003</b>	<b>5.1000e-004</b>	<b>1.0000e-005</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>1.5142</b>	<b>1.5142</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.5149</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Improve Walkability Design

Improve Destination Accessibility

Increase Transit Accessibility

Improve Pedestrian Network

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2636	0.9093	2.9413	0.0114	1.0969	8.6100e-003	1.1055	0.2931	7.9900e-003	0.3011	0.0000	1,044.9154	1,044.9154	0.0476	0.0000	1,046.1066
Unmitigated	0.2731	0.9665	3.2431	0.0128	1.2436	9.6100e-003	1.2532	0.3324	8.9200e-003	0.3413	0.0000	1,173.9636	1,173.9636	0.0521	0.0000	1,175.2669

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	1,132.80	1,132.80	1,132.80	3,294,211	2,905,494
Total	1,132.80	1,132.80	1,132.80	3,294,211	2,905,494

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse	10.80	7.30	7.50	46.40	16.40	37.20	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse	0.527700	0.209000	0.167500	0.055600	0.000900	0.000900	0.008000	0.021400	0.000000	0.004300	0.002500	0.000200	0.002000

5.0 Energy Detail

Historical Energy Use: N

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**5.1 Mitigation Measures Energy**

Kilowatt Hours of Renewable Electricity Generated

Percent of Electricity Use Generated with Renewable Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	-209.4563	-209.4563	-0.0095	-0.0020	-210.2770
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	192.2843	192.2843	8.6900e-003	1.8000e-003	193.0378
NaturalGas Mitigated	0.0116	0.0993	0.0423	6.3000e-004		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	115.0454	115.0454	2.2100e-003	2.1100e-003	115.7291
NaturalGas Unmitigated	0.0116	0.0993	0.0423	6.3000e-004		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	115.0454	115.0454	2.2100e-003	2.1100e-003	115.7291

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**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse	2.15587e+006	0.0116	0.0993	0.0423	6.3000e-004		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	115.0454	115.0454	2.2100e-003	2.1100e-003	115.7291
<b>Total</b>		<b>0.0116</b>	<b>0.0993</b>	<b>0.0423</b>	<b>6.3000e-004</b>		<b>8.0300e-003</b>	<b>8.0300e-003</b>		<b>8.0300e-003</b>	<b>8.0300e-003</b>	<b>0.0000</b>	<b>115.0454</b>	<b>115.0454</b>	<b>2.2100e-003</b>	<b>2.1100e-003</b>	<b>115.7291</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse	2.15587e+006	0.0116	0.0993	0.0423	6.3000e-004		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	115.0454	115.0454	2.2100e-003	2.1100e-003	115.7291
<b>Total</b>		<b>0.0116</b>	<b>0.0993</b>	<b>0.0423</b>	<b>6.3000e-004</b>		<b>8.0300e-003</b>	<b>8.0300e-003</b>		<b>8.0300e-003</b>	<b>8.0300e-003</b>	<b>0.0000</b>	<b>115.0454</b>	<b>115.0454</b>	<b>2.2100e-003</b>	<b>2.1100e-003</b>	<b>115.7291</b>

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**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse	660972	192.2843	8.6900e-003	1.8000e-003	193.0378
<b>Total</b>		<b>192.2843</b>	<b>8.6900e-003</b>	<b>1.8000e-003</b>	<b>193.0378</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse	-720000	-209.4563	-0.0095	-0.0020	-210.2770
<b>Total</b>		<b>-209.4563</b>	<b>-0.0095</b>	<b>-0.0020</b>	<b>-210.2770</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

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Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6077	0.0102	0.8842	5.0000e-005		4.9000e-003	4.9000e-003		4.9000e-003	4.9000e-003	0.0000	1.4424	1.4424	1.3800e-003	0.0000	1.4768
Unmitigated	0.6081	0.0103	0.8906	5.0000e-005		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003	0.0000	1.4555	1.4555	1.4000e-003	0.0000	1.4904

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**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1126					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4687					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0268	0.0103	0.8906	5.0000e-005		4.9400e-003	4.9400e-003		4.9400e-003	4.9400e-003	0.0000	1.4555	1.4555	1.4000e-003	0.0000	1.4904
<b>Total</b>	<b>0.6081</b>	<b>0.0103</b>	<b>0.8906</b>	<b>5.0000e-005</b>		<b>4.9400e-003</b>	<b>4.9400e-003</b>		<b>4.9400e-003</b>	<b>4.9400e-003</b>	<b>0.0000</b>	<b>1.4555</b>	<b>1.4555</b>	<b>1.4000e-003</b>	<b>0.0000</b>	<b>1.4904</b>



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**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1126					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4687					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0264	0.0102	0.8842	5.0000e-005		4.9000e-003	4.9000e-003		4.9000e-003	4.9000e-003	0.0000	1.4424	1.4424	1.3800e-003	0.0000	1.4768
<b>Total</b>	<b>0.6077</b>	<b>0.0102</b>	<b>0.8842</b>	<b>5.0000e-005</b>		<b>4.9000e-003</b>	<b>4.9000e-003</b>		<b>4.9000e-003</b>	<b>4.9000e-003</b>	<b>0.0000</b>	<b>1.4424</b>	<b>1.4424</b>	<b>1.3800e-003</b>	<b>0.0000</b>	<b>1.4768</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	19.8064	0.2556	6.1800e-003	28.0361
Unmitigated	19.8064	0.2556	6.1800e-003	28.0361

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse	7.81848 / 4.92904	19.8064	0.2556	6.1800e-003	28.0361
<b>Total</b>		<b>19.8064</b>	<b>0.2556</b>	<b>6.1800e-003</b>	<b>28.0361</b>

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**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse	7.81848 / 4.92904	19.8064	0.2556	6.1800e-003	28.0361
<b>Total</b>		<b>19.8064</b>	<b>0.2556</b>	<b>6.1800e-003</b>	<b>28.0361</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	11.2051	0.6622	0.0000	27.7602
Unmitigated	11.2051	0.6622	0.0000	27.7602

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**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse	55.2	11.2051	0.6622	0.0000	27.7602
<b>Total</b>		<b>11.2051</b>	<b>0.6622</b>	<b>0.0000</b>	<b>27.7602</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse	55.2	11.2051	0.6622	0.0000	27.7602
<b>Total</b>		<b>11.2051</b>	<b>0.6622</b>	<b>0.0000</b>	<b>27.7602</b>

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse	120.00	Dwelling Unit	7.50	120,000.00	343

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.7	<b>Precipitation Freq (Days)</b>	32
<b>Climate Zone</b>	3			<b>Operational Year</b>	2005
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

- Project Characteristics -
- Land Use -
- Construction Phase -
- Vehicle Trips -
- Woodstoves -

Table Name	Column Name	Default Value	New Value
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**2.0 Emissions Summary**

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-2-2004	4-1-2004	2.3344	2.3344
2	4-2-2004	7-1-2004	2.1836	2.1836
3	7-2-2004	10-1-2004	2.2077	2.2077
4	10-2-2004	1-1-2005	2.2123	2.2123
5	1-2-2005	4-1-2005	2.3786	2.3786
		Highest	2.3786	2.3786

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8592	0.0816	2.4405	4.8600e-003		0.2344	0.2344		0.2344	0.2344	30.3204	53.4403	83.7608	0.1451	9.5000e-004	87.6715
Energy	0.0116	0.0993	0.0423	6.3000e-004		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	307.3298	307.3298	0.0109	3.9100e-003	308.7668
Mobile	1.5677	11.7932	14.2945	0.0846	0.7645	0.2750	1.0396	0.2062	0.2628	0.4690	0.0000	1,552.6678	1,552.6678	0.5181	0.0000	1,565.6191
Waste						0.0000	0.0000		0.0000	0.0000	11.2051	0.0000	11.2051	0.6622	0.0000	27.7602
Water						0.0000	0.0000		0.0000	0.0000	2.4804	17.3260	19.8064	0.2556	6.1800e-003	28.0361
<b>Total</b>	<b>2.4385</b>	<b>11.9741</b>	<b>16.7774</b>	<b>0.0901</b>	<b>0.7645</b>	<b>0.5175</b>	<b>1.2820</b>	<b>0.2062</b>	<b>0.5052</b>	<b>0.7114</b>	<b>44.0060</b>	<b>1,930.7639</b>	<b>1,974.7698</b>	<b>1.5918</b>	<b>0.0110</b>	<b>2,017.8537</b>



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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8592	0.0816	2.4405	4.8600e-003		0.2344	0.2344		0.2344	0.2344	30.3204	53.4403	83.7608	0.1451	9.5000e-004	87.6715
Energy	0.0116	0.0993	0.0423	6.3000e-004		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	307.3298	307.3298	0.0109	3.9100e-003	308.7668
Mobile	1.5677	11.7932	14.2945	0.0846	0.7645	0.2750	1.0396	0.2062	0.2628	0.4690	0.0000	1,552.6678	1,552.6678	0.5181	0.0000	1,565.6191
Waste						0.0000	0.0000		0.0000	0.0000	11.2051	0.0000	11.2051	0.6622	0.0000	27.7602
Water						0.0000	0.0000		0.0000	0.0000	2.4804	17.3260	19.8064	0.2556	6.1800e-003	28.0361
<b>Total</b>	<b>2.4385</b>	<b>11.9741</b>	<b>16.7774</b>	<b>0.0901</b>	<b>0.7645</b>	<b>0.5175</b>	<b>1.2820</b>	<b>0.2062</b>	<b>0.5052</b>	<b>0.7114</b>	<b>44.0060</b>	<b>1,930.7639</b>	<b>1,974.7698</b>	<b>1.5918</b>	<b>0.0110</b>	<b>2,017.8537</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/2/2004	1/15/2004	5	10	
2	Grading	Grading	1/16/2004	2/12/2004	5	20	
3	Building Construction	Building Construction	2/13/2004	12/30/2004	5	230	
4	Paving	Paving	12/31/2004	1/27/2005	5	20	
5	Architectural Coating	Architectural Coating	1/28/2005	2/24/2005	5	20	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 10**

**Acres of Paving: 0**

**Residential Indoor: 243,000; Residential Outdoor: 81,000; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Grading	Excavators	1	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	17.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	86.00	13.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

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**3.2 Site Preparation - 2004**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0561	0.4016	0.1539	2.2500e-003		0.0252	0.0252		0.0252	0.0252	0.0000	20.0023	20.0023	4.5700e-003	0.0000	20.1165
<b>Total</b>	<b>0.0561</b>	<b>0.4016</b>	<b>0.1539</b>	<b>2.2500e-003</b>	<b>0.0903</b>	<b>0.0252</b>	<b>0.1156</b>	<b>0.0497</b>	<b>0.0252</b>	<b>0.0749</b>	<b>0.0000</b>	<b>20.0023</b>	<b>20.0023</b>	<b>4.5700e-003</b>	<b>0.0000</b>	<b>20.1165</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3200e-003	2.7000e-003	0.0243	1.0000e-005	7.3000e-004	3.0000e-005	7.6000e-004	1.9000e-004	3.0000e-005	2.2000e-004	0.0000	0.8340	0.8340	1.4000e-004	0.0000	0.8376
<b>Total</b>	<b>2.3200e-003</b>	<b>2.7000e-003</b>	<b>0.0243</b>	<b>1.0000e-005</b>	<b>7.3000e-004</b>	<b>3.0000e-005</b>	<b>7.6000e-004</b>	<b>1.9000e-004</b>	<b>3.0000e-005</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>0.8340</b>	<b>0.8340</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>0.8376</b>

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**3.2 Site Preparation - 2004**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0561	0.4016	0.1539	2.2500e-003		0.0252	0.0252		0.0252	0.0252	0.0000	20.0023	20.0023	4.5700e-003	0.0000	20.1164
<b>Total</b>	<b>0.0561</b>	<b>0.4016</b>	<b>0.1539</b>	<b>2.2500e-003</b>	<b>0.0903</b>	<b>0.0252</b>	<b>0.1156</b>	<b>0.0497</b>	<b>0.0252</b>	<b>0.0749</b>	<b>0.0000</b>	<b>20.0023</b>	<b>20.0023</b>	<b>4.5700e-003</b>	<b>0.0000</b>	<b>20.1164</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3200e-003	2.7000e-003	0.0243	1.0000e-005	7.3000e-004	3.0000e-005	7.6000e-004	1.9000e-004	3.0000e-005	2.2000e-004	0.0000	0.8340	0.8340	1.4000e-004	0.0000	0.8376
<b>Total</b>	<b>2.3200e-003</b>	<b>2.7000e-003</b>	<b>0.0243</b>	<b>1.0000e-005</b>	<b>7.3000e-004</b>	<b>3.0000e-005</b>	<b>7.6000e-004</b>	<b>1.9000e-004</b>	<b>3.0000e-005</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>0.8340</b>	<b>0.8340</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>0.8376</b>

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**3.3 Grading - 2004**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0655	0.0000	0.0655	0.0337	0.0000	0.0337	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0831	0.5952	0.2295	3.5100e-003		0.0374	0.0374		0.0374	0.0374	0.0000	31.2046	31.2046	6.7700e-003	0.0000	31.3738
<b>Total</b>	<b>0.0831</b>	<b>0.5952</b>	<b>0.2295</b>	<b>3.5100e-003</b>	<b>0.0655</b>	<b>0.0374</b>	<b>0.1029</b>	<b>0.0337</b>	<b>0.0374</b>	<b>0.0711</b>	<b>0.0000</b>	<b>31.2046</b>	<b>31.2046</b>	<b>6.7700e-003</b>	<b>0.0000</b>	<b>31.3738</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8700e-003	4.5000e-003	0.0405	2.0000e-005	1.2100e-003	5.0000e-005	1.2600e-003	3.2000e-004	5.0000e-005	3.7000e-004	0.0000	1.3900	1.3900	2.4000e-004	0.0000	1.3960
<b>Total</b>	<b>3.8700e-003</b>	<b>4.5000e-003</b>	<b>0.0405</b>	<b>2.0000e-005</b>	<b>1.2100e-003</b>	<b>5.0000e-005</b>	<b>1.2600e-003</b>	<b>3.2000e-004</b>	<b>5.0000e-005</b>	<b>3.7000e-004</b>	<b>0.0000</b>	<b>1.3900</b>	<b>1.3900</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>1.3960</b>

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**3.3 Grading - 2004**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0655	0.0000	0.0655	0.0337	0.0000	0.0337	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0831	0.5952	0.2295	3.5100e-003		0.0374	0.0374		0.0374	0.0374	0.0000	31.2046	31.2046	6.7700e-003	0.0000	31.3738
<b>Total</b>	<b>0.0831</b>	<b>0.5952</b>	<b>0.2295</b>	<b>3.5100e-003</b>	<b>0.0655</b>	<b>0.0374</b>	<b>0.1029</b>	<b>0.0337</b>	<b>0.0374</b>	<b>0.0711</b>	<b>0.0000</b>	<b>31.2046</b>	<b>31.2046</b>	<b>6.7700e-003</b>	<b>0.0000</b>	<b>31.3738</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8700e-003	4.5000e-003	0.0405	2.0000e-005	1.2100e-003	5.0000e-005	1.2600e-003	3.2000e-004	5.0000e-005	3.7000e-004	0.0000	1.3900	1.3900	2.4000e-004	0.0000	1.3960
<b>Total</b>	<b>3.8700e-003</b>	<b>4.5000e-003</b>	<b>0.0405</b>	<b>2.0000e-005</b>	<b>1.2100e-003</b>	<b>5.0000e-005</b>	<b>1.2600e-003</b>	<b>3.2000e-004</b>	<b>5.0000e-005</b>	<b>3.7000e-004</b>	<b>0.0000</b>	<b>1.3900</b>	<b>1.3900</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>1.3960</b>

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**3.4 Building Construction - 2004**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.0034	5.5501	2.5713	0.0350		0.4363	0.4363		0.4363	0.4363	0.0000	302.2902	302.2902	0.0817	0.0000	304.3330
<b>Total</b>	<b>1.0034</b>	<b>5.5501</b>	<b>2.5713</b>	<b>0.0350</b>		<b>0.4363</b>	<b>0.4363</b>		<b>0.4363</b>	<b>0.4363</b>	<b>0.0000</b>	<b>302.2902</b>	<b>302.2902</b>	<b>0.0817</b>	<b>0.0000</b>	<b>304.3330</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0669	0.5726	0.4019	3.8900e-003	9.9800e-003	0.0187	0.0287	2.8800e-003	0.0179	0.0208	0.0000	43.2462	43.2462	0.0159	0.0000	43.6429
Worker	0.2551	0.2969	2.6672	1.5500e-003	0.0797	3.4900e-003	0.0832	0.0212	3.2300e-003	0.0244	0.0000	91.6496	91.6496	0.0157	0.0000	92.0430
<b>Total</b>	<b>0.3220</b>	<b>0.8694</b>	<b>3.0691</b>	<b>5.4400e-003</b>	<b>0.0897</b>	<b>0.0222</b>	<b>0.1119</b>	<b>0.0241</b>	<b>0.0211</b>	<b>0.0452</b>	<b>0.0000</b>	<b>134.8959</b>	<b>134.8959</b>	<b>0.0316</b>	<b>0.0000</b>	<b>135.6858</b>



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**3.4 Building Construction - 2004**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.0034	5.5501	2.5713	0.0350		0.4363	0.4363		0.4363	0.4363	0.0000	302.2898	302.2898	0.0817	0.0000	304.3327
<b>Total</b>	<b>1.0034</b>	<b>5.5501</b>	<b>2.5713</b>	<b>0.0350</b>		<b>0.4363</b>	<b>0.4363</b>		<b>0.4363</b>	<b>0.4363</b>	<b>0.0000</b>	<b>302.2898</b>	<b>302.2898</b>	<b>0.0817</b>	<b>0.0000</b>	<b>304.3327</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0669	0.5726	0.4019	3.8900e-003	9.9800e-003	0.0187	0.0287	2.8800e-003	0.0179	0.0208	0.0000	43.2462	43.2462	0.0159	0.0000	43.6429
Worker	0.2551	0.2969	2.6672	1.5500e-003	0.0797	3.4900e-003	0.0832	0.0212	3.2300e-003	0.0244	0.0000	91.6496	91.6496	0.0157	0.0000	92.0430
<b>Total</b>	<b>0.3220</b>	<b>0.8694</b>	<b>3.0691</b>	<b>5.4400e-003</b>	<b>0.0897</b>	<b>0.0222</b>	<b>0.1119</b>	<b>0.0241</b>	<b>0.0211</b>	<b>0.0452</b>	<b>0.0000</b>	<b>134.8959</b>	<b>134.8959</b>	<b>0.0316</b>	<b>0.0000</b>	<b>135.6858</b>

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**3.5 Paving - 2004**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.3400e-003	0.0239	9.7000e-003	1.3000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003	0.0000	1.2050	1.2050	2.7000e-004	0.0000	1.2118
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>3.3400e-003</b>	<b>0.0239</b>	<b>9.7000e-003</b>	<b>1.3000e-004</b>		<b>1.4500e-003</b>	<b>1.4500e-003</b>		<b>1.4500e-003</b>	<b>1.4500e-003</b>	<b>0.0000</b>	<b>1.2050</b>	<b>1.2050</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>1.2118</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	2.3000e-004	2.0200e-003	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0695	0.0695	1.0000e-005	0.0000	0.0698
<b>Total</b>	<b>1.9000e-004</b>	<b>2.3000e-004</b>	<b>2.0200e-003</b>	<b>0.0000</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>6.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0695</b>	<b>0.0695</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0698</b>

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**3.5 Paving - 2004**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.3400e-003	0.0239	9.7000e-003	1.3000e-004		1.4500e-003	1.4500e-003		1.4500e-003	1.4500e-003	0.0000	1.2050	1.2050	2.7000e-004	0.0000	1.2118
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>3.3400e-003</b>	<b>0.0239</b>	<b>9.7000e-003</b>	<b>1.3000e-004</b>		<b>1.4500e-003</b>	<b>1.4500e-003</b>		<b>1.4500e-003</b>	<b>1.4500e-003</b>	<b>0.0000</b>	<b>1.2050</b>	<b>1.2050</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>1.2118</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	2.3000e-004	2.0200e-003	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0695	0.0695	1.0000e-005	0.0000	0.0698
<b>Total</b>	<b>1.9000e-004</b>	<b>2.3000e-004</b>	<b>2.0200e-003</b>	<b>0.0000</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>6.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0695</b>	<b>0.0695</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0698</b>

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**3.5 Paving - 2005**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0550	0.3958	0.1710	2.5600e-003		0.0251	0.0251		0.0251	0.0251	0.0000	22.8945	22.8945	4.4900e-003	0.0000	23.0067
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0550</b>	<b>0.3958</b>	<b>0.1710</b>	<b>2.5600e-003</b>		<b>0.0251</b>	<b>0.0251</b>		<b>0.0251</b>	<b>0.0251</b>	<b>0.0000</b>	<b>22.8945</b>	<b>22.8945</b>	<b>4.4900e-003</b>	<b>0.0000</b>	<b>23.0067</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2700e-003	2.2500e-003	0.0214	1.0000e-005	1.1500e-003	3.0000e-005	1.1800e-003	3.1000e-004	3.0000e-005	3.3000e-004	0.0000	1.3040	1.3040	1.7000e-004	0.0000	1.3082
<b>Total</b>	<b>2.2700e-003</b>	<b>2.2500e-003</b>	<b>0.0214</b>	<b>1.0000e-005</b>	<b>1.1500e-003</b>	<b>3.0000e-005</b>	<b>1.1800e-003</b>	<b>3.1000e-004</b>	<b>3.0000e-005</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>1.3040</b>	<b>1.3040</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>1.3082</b>

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**3.5 Paving - 2005**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0550	0.3958	0.1710	2.5600e-003		0.0251	0.0251		0.0251	0.0251	0.0000	22.8945	22.8945	4.4900e-003	0.0000	23.0067
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0550</b>	<b>0.3958</b>	<b>0.1710</b>	<b>2.5600e-003</b>		<b>0.0251</b>	<b>0.0251</b>		<b>0.0251</b>	<b>0.0251</b>	<b>0.0000</b>	<b>22.8945</b>	<b>22.8945</b>	<b>4.4900e-003</b>	<b>0.0000</b>	<b>23.0067</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2700e-003	2.2500e-003	0.0214	1.0000e-005	1.1500e-003	3.0000e-005	1.1800e-003	3.1000e-004	3.0000e-005	3.3000e-004	0.0000	1.3040	1.3040	1.7000e-004	0.0000	1.3082
<b>Total</b>	<b>2.2700e-003</b>	<b>2.2500e-003</b>	<b>0.0214</b>	<b>1.0000e-005</b>	<b>1.1500e-003</b>	<b>3.0000e-005</b>	<b>1.1800e-003</b>	<b>3.1000e-004</b>	<b>3.0000e-005</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>1.3040</b>	<b>1.3040</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>1.3082</b>

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**3.6 Architectural Coating - 2005**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.8772					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5200e-003	0.0428	0.0208	3.0000e-004		3.8400e-003	3.8400e-003		3.8400e-003	3.8400e-003	0.0000	2.5533	2.5533	6.2000e-004	0.0000	2.5686
<b>Total</b>	<b>1.8847</b>	<b>0.0428</b>	<b>0.0208</b>	<b>3.0000e-004</b>		<b>3.8400e-003</b>	<b>3.8400e-003</b>		<b>3.8400e-003</b>	<b>3.8400e-003</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>6.2000e-004</b>	<b>0.0000</b>	<b>2.5686</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7100e-003	2.6900e-003	0.0255	2.0000e-005	1.3700e-003	3.0000e-005	1.4000e-003	3.6000e-004	3.0000e-005	4.0000e-004	0.0000	1.5557	1.5557	2.0000e-004	0.0000	1.5606
<b>Total</b>	<b>2.7100e-003</b>	<b>2.6900e-003</b>	<b>0.0255</b>	<b>2.0000e-005</b>	<b>1.3700e-003</b>	<b>3.0000e-005</b>	<b>1.4000e-003</b>	<b>3.6000e-004</b>	<b>3.0000e-005</b>	<b>4.0000e-004</b>	<b>0.0000</b>	<b>1.5557</b>	<b>1.5557</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>1.5606</b>

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**3.6 Architectural Coating - 2005**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.8772					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5200e-003	0.0428	0.0208	3.0000e-004		3.8400e-003	3.8400e-003		3.8400e-003	3.8400e-003	0.0000	2.5533	2.5533	6.2000e-004	0.0000	2.5686
<b>Total</b>	<b>1.8847</b>	<b>0.0428</b>	<b>0.0208</b>	<b>3.0000e-004</b>		<b>3.8400e-003</b>	<b>3.8400e-003</b>		<b>3.8400e-003</b>	<b>3.8400e-003</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>6.2000e-004</b>	<b>0.0000</b>	<b>2.5686</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7100e-003	2.6900e-003	0.0255	2.0000e-005	1.3700e-003	3.0000e-005	1.4000e-003	3.6000e-004	3.0000e-005	4.0000e-004	0.0000	1.5557	1.5557	2.0000e-004	0.0000	1.5606
<b>Total</b>	<b>2.7100e-003</b>	<b>2.6900e-003</b>	<b>0.0255</b>	<b>2.0000e-005</b>	<b>1.3700e-003</b>	<b>3.0000e-005</b>	<b>1.4000e-003</b>	<b>3.6000e-004</b>	<b>3.0000e-005</b>	<b>4.0000e-004</b>	<b>0.0000</b>	<b>1.5557</b>	<b>1.5557</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>1.5606</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.5677	11.7932	14.2945	0.0846	0.7645	0.2750	1.0396	0.2062	0.2628	0.4690	0.0000	1,552.6678	1,552.6678	0.5181	0.0000	1,565.6191
Unmitigated	1.5677	11.7932	14.2945	0.0846	0.7645	0.2750	1.0396	0.2062	0.2628	0.4690	0.0000	1,552.6678	1,552.6678	0.5181	0.0000	1,565.6191

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	697.20	680.40	580.80	1,972,140	1,972,140
Total	697.20	680.40	580.80	1,972,140	1,972,140

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse	10.80	7.30	7.50	46.40	16.40	37.20	86	11	3

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse	0.394323	0.055127	0.150223	0.171506	0.046756	0.008777	0.022924	0.138429	0.001266	0.001220	0.006103	0.000952	0.002392



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**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	192.2843	192.2843	8.6900e-003	1.8000e-003	193.0378
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	192.2843	192.2843	8.6900e-003	1.8000e-003	193.0378
NaturalGas Mitigated	0.0116	0.0993	0.0423	6.3000e-004		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	115.0454	115.0454	2.2100e-003	2.1100e-003	115.7291
NaturalGas Unmitigated	0.0116	0.0993	0.0423	6.3000e-004		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	115.0454	115.0454	2.2100e-003	2.1100e-003	115.7291

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**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse	2.15587e+006	0.0116	0.0993	0.0423	6.3000e-004		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	115.0454	115.0454	2.2100e-003	2.1100e-003	115.7291
<b>Total</b>		<b>0.0116</b>	<b>0.0993</b>	<b>0.0423</b>	<b>6.3000e-004</b>		<b>8.0300e-003</b>	<b>8.0300e-003</b>		<b>8.0300e-003</b>	<b>8.0300e-003</b>	<b>0.0000</b>	<b>115.0454</b>	<b>115.0454</b>	<b>2.2100e-003</b>	<b>2.1100e-003</b>	<b>115.7291</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse	2.15587e+006	0.0116	0.0993	0.0423	6.3000e-004		8.0300e-003	8.0300e-003		8.0300e-003	8.0300e-003	0.0000	115.0454	115.0454	2.2100e-003	2.1100e-003	115.7291
<b>Total</b>		<b>0.0116</b>	<b>0.0993</b>	<b>0.0423</b>	<b>6.3000e-004</b>		<b>8.0300e-003</b>	<b>8.0300e-003</b>		<b>8.0300e-003</b>	<b>8.0300e-003</b>	<b>0.0000</b>	<b>115.0454</b>	<b>115.0454</b>	<b>2.2100e-003</b>	<b>2.1100e-003</b>	<b>115.7291</b>

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**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse	660972	192.2843	8.6900e-003	1.8000e-003	193.0378
<b>Total</b>		<b>192.2843</b>	<b>8.6900e-003</b>	<b>1.8000e-003</b>	<b>193.0378</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse	660972	192.2843	8.6900e-003	1.8000e-003	193.0378
<b>Total</b>		<b>192.2843</b>	<b>8.6900e-003</b>	<b>1.8000e-003</b>	<b>193.0378</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.8592	0.0816	2.4405	4.8600e-003		0.2344	0.2344		0.2344	0.2344	30.3204	53.4403	83.7608	0.1451	9.5000e-004	87.6715
Unmitigated	0.8592	0.0816	2.4405	4.8600e-003		0.2344	0.2344		0.2344	0.2344	30.3204	53.4403	83.7608	0.1451	9.5000e-004	87.6715

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1877					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4687					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1581	0.0675	1.4072	4.8200e-003		0.2301	0.2301		0.2301	0.2301	30.3204	51.9849	82.3053	0.1427	9.5000e-004	86.1578
Landscaping	0.0447	0.0141	1.0334	5.0000e-005		4.3600e-003	4.3600e-003		4.3600e-003	4.3600e-003	0.0000	1.4555	1.4555	2.3300e-003	0.0000	1.5137
<b>Total</b>	<b>0.8592</b>	<b>0.0816</b>	<b>2.4406</b>	<b>4.8700e-003</b>		<b>0.2344</b>	<b>0.2344</b>		<b>0.2344</b>	<b>0.2344</b>	<b>30.3204</b>	<b>53.4404</b>	<b>83.7608</b>	<b>0.1451</b>	<b>9.5000e-004</b>	<b>87.6715</b>

Camino Media - University Square - BAU - Kern-San Joaquin County, Annual

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1877					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4687					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1581	0.0675	1.4072	4.8200e-003		0.2301	0.2301		0.2301	0.2301	30.3204	51.9849	82.3053	0.1427	9.5000e-004	86.1578
Landscaping	0.0447	0.0141	1.0334	5.0000e-005		4.3600e-003	4.3600e-003		4.3600e-003	4.3600e-003	0.0000	1.4555	1.4555	2.3300e-003	0.0000	1.5137
<b>Total</b>	<b>0.8592</b>	<b>0.0816</b>	<b>2.4406</b>	<b>4.8700e-003</b>		<b>0.2344</b>	<b>0.2344</b>		<b>0.2344</b>	<b>0.2344</b>	<b>30.3204</b>	<b>53.4404</b>	<b>83.7608</b>	<b>0.1451</b>	<b>9.5000e-004</b>	<b>87.6715</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

Camino Media - University Square - BAU - Kern-San Joaquin County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	19.8064	0.2556	6.1800e-003	28.0361
Unmitigated	19.8064	0.2556	6.1800e-003	28.0361

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse	7.81848 / 4.92904	19.8064	0.2556	6.1800e-003	28.0361
<b>Total</b>		<b>19.8064</b>	<b>0.2556</b>	<b>6.1800e-003</b>	<b>28.0361</b>

Camino Media - University Square - BAU - Kern-San Joaquin County, Annual

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse	7.81848 / 4.92904	19.8064	0.2556	6.1800e-003	28.0361
<b>Total</b>		<b>19.8064</b>	<b>0.2556</b>	<b>6.1800e-003</b>	<b>28.0361</b>

**8.0 Waste Detail**

---

**8.1 Mitigation Measures Waste**

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	11.2051	0.6622	0.0000	27.7602
Unmitigated	11.2051	0.6622	0.0000	27.7602

Camino Media - University Square - BAU - Kern-San Joaquin County, Annual

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse	55.2	11.2051	0.6622	0.0000	27.7602
<b>Total</b>		<b>11.2051</b>	<b>0.6622</b>	<b>0.0000</b>	<b>27.7602</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse	55.2	11.2051	0.6622	0.0000	27.7602
<b>Total</b>		<b>11.2051</b>	<b>0.6622</b>	<b>0.0000</b>	<b>27.7602</b>

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Camino Media - University Square - BAU - Kern-San Joaquin County, Annual

**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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## **APPENDIX B. HEALTH RISK ASSESSMENT MODELING FILES**

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(Electronic Files)

# BIOLOGICAL RESOURCE EVALUATION

**Assessor's Parcel Map No. 390-300-28, -29, and -30  
County of Kern  
Bakersfield, California**

Prepared for:

RGF Properties LLC  
9100 Ming Avenue, Suite 120  
Bakersfield, California 93311

Prepared by:

Pruett Biological Resource Consulting  
8613 Beaver Drive  
Bakersfield, California 93312  
661.421.0006



06 July 2021



## EXECUTIVE SUMMARY

Pruett Biological Resource Consulting, Inc. (PruettBio) has prepared this biological resource evaluation for a proposed General Plan Amendment (GPA) and Zone Change (ZC) of Assessor's Parcel Number (APN) 390-300-28, -29, and -30, totaling 12.63 gross acres (5.11 hectares)(project). The project is located northeast of the intersection of Camino Media and Old River Road, within the City of Bakersfield, County of Kern southwest Bakersfield, County of Kern, California; Section 06, Township 30 South, Range 27 East, Mount Diablo Base and Meridian. The project is located within the geographic range of several federal-, and state-listed, threatened and/or endangered plant and animal taxa. Several non-listed, special-status species also have the potential to occur in the vicinity of the project.

The purpose of this report is to document biological resources identified during a reconnaissance-level field study of the project site and include potential biological resources identified during a literature review of the site and vicinity, identify potential impacts to biological resources resulting from the project, and to recommend avoidance and minimization measures for implementation prior to and during project activities. A literature review was conducted of the site and vicinity, prior to the field study, of the biological resources known to occur based on recorded, direct observation, or potentially occurring in the project impact area based on current or historical habitat conditions. During the field study, existing habitat conditions, direct observations and/or species sign was recorded to assess the potential for occurrence of special-status species. This report includes an evaluation of the potential for those special-status biological resources not observed during the field study, with the potential to occur on the property based on the habitat conditions observed.

The project is in southwest Bakersfield in an area historically farmed. Urban development has increased along the margins of Metropolitan Bakersfield in the past 50 years and has resulted in the conversion of farmland to residential and commercial properties. The project site consists of about 10-acres of vacant land with the remainder maintained and landscaped in *Eucalyptus* sp. The project site is surrounded by commercial development and the California State University, Bakersfield, campus. No undisturbed, native, or recovering habitat is present on the site or adjacent parcels.

The literature review and database queries yielded 21 special-status plant species and 32 special-status animal species as potentially occurring within the vicinity of the project site. Of these, 5 plant species, and 16 animal species have federal-, and/or state-listed and are afforded protection under federal or state law.

The project will not conflict with existing or adopted Habitat Conservation Plans, Natural Community Conservation Plans, local or regional conservation plans, or local ordinances protecting biological resources. The project is within the Metropolitan Bakersfield Habitat Conservation Plan (MBHCP). The field study was conducted in accordance with the Federal Endangered Species Act section 10(a)(1)(B) permit and California Endangered Species Act incidental take permit (ITP) issued by the California Department of Fish and Wildlife, pursuant to Fish and Game Code section 2081(b)(ITP No. 2081-2013-058-04), for the MBHCP. Evaluation of potential impacts to plant and animal species are required under federal and state regulation during a General Plan Amendment and Zone Change. California Environmental Quality Act (CEQA) Appendix G thresholds have been used to evaluate potential impacts to the biological resources from the proposed project development.

Impacts to covered plant and animal species, other than blunt-nosed leopard lizard or bird species afforded protection under the MBTA, would be fully-mitigated by participation in the MBHCP. Recommendations included in this report when implemented in concert with the MBHCP, would be expected to mitigate any project impacts to biological resources to a less-than-significant level.



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## INTRODUCTION

Pruett Biological Resource Consulting, Inc. (PruettBio) has prepared this biological resource evaluation for the proposed development of APN 390-300-28, -29, and -30, within the City of Bakersfield. The report documents biological resources identified during fieldwork conducted on the project site and those identified through a literature search as potentially occurring based on known observations or historic habitat conditions. The report uses the information collected during the field study and literature search to evaluate potential impacts to biological resources, resulting from the project. The report is intended to assist in the analysis of the proposed project for a GPA and ZC.

Listed plant and animal species are protected under the Federal Endangered Species Act (FESA) and the California Endangered Species Act (CESA). Protection of other non-listed, special-status species is afforded under additional regulation including the Migratory Bird Treaty Act (MBTA). Pursuant to the California Environmental Quality Act (CEQA) impacts to non-listed, special-status species must be evaluated. Where necessary, the report recommends avoidance and minimization measures for implementation prior to and during project activities. The report is intended to provide technical information in support of a CEQA preliminary review. For the purposes of this report, potential impacts to the biological resources of the proposed project were evaluated in accordance with Appendix G of the *CEQA Guidelines* (2021).

## PROJECT LEGAL DESCRIPTION

The project site consists of 12.63 gross acres (5.11 hectares) of APN 390-300-28, -29, and -30. The project site is located northeast of the intersection of Camino Media and Old River Road, in the City of Bakersfield, County of Kern. The project site is in Section 06, Township 30 South, Range 27 East, Mount Diablo Base and Meridian. The project proposes a Zone Change and corresponding General Plan Amendment from CO (Commercial Office) to R-2 (Medium Density Residential).

## PROJECT SETTING AND PHYSICAL DESCRIPTION

The project site is in the southern San Joaquin Valley; a broad, treeless plain in the rain shadow of the Inner Coast Ranges. The region's climate can be characterized as Mediterranean; with hot, dry summers and cool, moist winters. Summer high temperatures typically exceed 100 °Fahrenheit (°F); with an average of 110 days per year over 90 °F. Winter temperatures in the San Joaquin Valley are mild, with an average of only 16 days per year with frost (Twisselmann 1967).

Rainfall varies, increasing from west to east, with the west side of the valley receiving an average of around 4 inches (10 centimeters) per year and the east side averaging about 6 inches (15 centimeters) per year. Winter fog, called Tule fog, sometimes forms during the months of November, December, and January, supplementing the annual precipitation. Approximately 90% of the rainfall in the region occurs between November 1 and April 1. Drought cycles occur periodically, becoming severe enough that plant and animal populations can experience large fluctuations. The vegetation communities in the San Joaquin Valley are distinguishable from the Mojave Desert to the east due to Tule fog, higher humidity, and isolation from continental climatic influences by mountain ranges (Twisselmann 1967).

The general topography of the area slopes very subtly south with the project generally flat at about 370 feet (113 meters) above mean sea level. The project and vicinity have been historically farmed for decades. The project site was under almond production at the time of the field study. The project site is surrounded by mixed use residential, agricultural, and commercial development with scattered oil production. No undisturbed, native, or recovering habitat is present on the project site or adjacent parcels.



## METHODS

### LITERATURE REVIEW

PruettBio conducted a literature review to identify known observations and potential for listed, or otherwise special-status, species to occur in the vicinity of the project site. A standard, 10-mile (16-kilometer) radius query was performed. Database records reviewed included:

- **United States Fish & Wildlife Service (USFWS) iPac:** The iPac report generates a list of federal-listed species and other resources under the jurisdiction of the USFWS, including designated critical habitat for listed species, National Wildlife Refuge lands, and Wetlands in the National Wetlands Inventory. The list includes resources that are outside of the project site, but that have the potential to be impacted by project activities.
- **USFWS National Wetlands Inventory:** The Wetlands Mapper is an online inventory integrating digital map data and other resources to provide current information regarding the status of national wetlands, riparian, and deepwater habitats.
- **United States Department of Agriculture (USDA) WebSoil Survey:** The report is an online database providing soil data produced by the National Cooperative Soil Survey, a joint effort of the USDA and other federal, state, and local agencies. The information drawn for the Soil Survey of Kern County, California, Northwestern Part was originally drawn from fieldwork completed in 1981 with soil names and descriptions approved in 1982.
- **California Natural Diversity Database (CNDDDB-RareFind 5):** The CNDDDB is a database of listed, or otherwise special-status, plant and animal species and sensitive communities maintained by the California Department of Fish and Wildlife (CDFW). The information queried for this report included a standard 10-mile radius of the project site.
- **California Native Plant Society (CNPS) Inventory of Rare and Endangered Vascular Plants:** CNPS is a private, professional organization that maintains a database evaluating the current conservation status of California's rare, threatened, and endangered plant species. The information queried for this report included a standard 10-mile radius of the project site. The list includes resources that are outside of the project site, but that have the potential to be impacted by project activities based on known historic or current habitat features.

### FIELD STUDY

A reconnaissance-level, biological field study was conducted by Steven P. Pruett on 23 June 2021. The entire project site was surveyed by walking the entire project site on transects spaced at no greater than 100-foot intervals. The field study conducted, allowed for 100% visual coverage of the project site. Field notes included observations of all plant and wildlife species observed. Direct observations and/or species sign was recorded to assess the potential for occurrence. Land cover types and general habitat conditions were recorded and photographed. Special-status species and habitat features, such as vegetation communities or ephemeral channels, were also recorded and photographed if observed.

Coordinates for important biological resource elements and direct observations of special-status species were recorded using a handheld geographic positioning system unit. If observed, San Joaquin kit fox (SJKF) dens were classified as defined by the *USFWS Standardized Recommendations for Protection of the Endangered San Joaquin Kit Fox Prior to or During Ground Disturbance* (2011). All plant taxa encountered were identified to the extent possible given the diagnostic features present. Identifications were made using keys contained in *The Jepson Manual: Vascular Plants of California* and online updates containing revisions to taxonomic treatments (Baldwin et al. 2012; Jepson Flora Project 2015).



## RESULTS

This section summarizes the results of the field study conducted on the project site and evaluates those results for the known or potential for occurrence of special-status species based on the literature review and database queries and pursuant to statutory regulation. Discussions are provided describing the existing habitat conditions including vegetation communities, land cover and current use; soils; special-status biological resources potentially occurring in the vicinity of the project site; the potential for jurisdictional resources including designated critical habitat and riparian/wetland/water resource features; the potential for wildlife migration corridors and nursery sites; and regional and local policy.

### VEGETATION COMMUNITIES AND LAND COVER

The project site is located at the northwest edge of urban development of Metropolitan Bakersfield. Before conversion to farmland, the original vegetative communities of the project site were Non-native Grassland (Holland 42200) and Valley Saltbush Scrub (Holland 36220). No undisturbed, native, or recovering habitat is present on the project site, adjacent parcels, or general vicinity of the project. The project site and surrounding area have been intensively farmed for decades. Urban development has increased along the margins of Metropolitan Bakersfield in the past 50 years and has resulted in the conversion of farmland to residential and commercial properties. The project site was under grain production at the time of the field study. No undisturbed, native, or recovering habitat is present on the site or adjacent parcels. The potential for any native herbaceous species is extremely low due to ongoing disturbance. The project site farm roads and margins are dominated by ruderal/invasive plant species.

### SOILS

The USGS soil survey map describes the soil of the project site as Unit 243, Wasco sandy loam). Unit 243 is alluvium derived from mixed rock sources found on alluvial fans and flood plains. It is comprised of sandy loam, loamy sand, and sand to a depth of about 62 inches. The depth to the restrictive feature is more than 80 inches and the available water storage in profile is listed as low (about 6.4 inches).

### BIOLOGICAL RESOURCES

The literature review and database queries yielded 21 special-status plant species as potentially occurring within the vicinity of the project site. Thirty-two animal species were identified as potentially occurring in the region of the project site. Evidence of one (01) listed animal species, San Joaquin kit fox (*Vulpes macrotis mutica*, SJKF) was observed during the field study. No evidence of any other listed, or otherwise special-status plant or animal species, or animal species sign was observed during the field study. The evaluation of special-status species that were found during the literature review with a potential to occur in the region are included in Appendix B.

#### Special-Status Plant Species

Special-status plant species considered in this evaluation include all plant species that meet one or more of the following criteria:

- Listed or proposed for listing as threatened or endangered under ESA or candidates for possible future listing as threatened or endangered under the ESA (50 CFR §17.12).
- Listed or candidates for listing by the State of California as threatened or endangered under CESA (Fish and Game Code §2050 et seq.). A species, subspecies, or variety of plant is endangered when the prospects of its survival and reproduction in the wild are in immediate jeopardy from one or more causes, including loss of habitat, change in habitat, over-exploitation, predation, competition, disease, or other factors (Fish and Game Code §2062). A plant is threatened when it is likely to become endangered in the foreseeable future in the absence of special protection and management measures (Fish and Game Code §2067).





- Listed as rare under the California Native Plant Protection Act (Fish and Game Code §1900 et seq.). A plant is rare when, although not presently threatened with extinction, the species, subspecies, or variety is found in such small numbers throughout its range that it may be endangered if its environment worsens (Fish and Game Code §1901).
- Meet the definition of rare or endangered under CEQA §15380(b) and (d). Species that may meet the definition of rare or endangered include the following:
  - Species considered by the California Native Plant Society (CNPS) to be “rare, threatened or endangered in California” (Lists 1A, 1B and 2);
  - Species that may warrant consideration on the basis of local significance or recent biological information.
  - Some species included on the California Natural Diversity Database’s (CNDDDB) Special Plants, Bryophytes, and Lichens List (California Department of Fish and Game 2008).
- Considered a locally significant species, that is, a species that is not rare from a statewide perspective but is rare or uncommon in a local context such as within a county or region (CEQA §15125 (c)) or is so designated in local or regional plans, policies, or ordinances (CEQA Guidelines, Appendix G). Examples include a species at the outer limits of its known range or a species occurring on an uncommon soil type.

Precipitation has been well below average to date, resulting in a poor year for annual plant species observations. Of the 21 special-status plant species returned during database queries for the project vicinity, 5 species are either federally- or state-listed as threatened or endangered. Although CEQA requires consideration for impacts to locally significant plant species, no mitigation is legally required to compensate for impacts to non-listed plant species. No listed, or otherwise special-status plant species was observed during the fieldwork conducted for the preparation of this report. No listed, or otherwise special-status plant species, has been recorded as occurring within the project site. The potential for occurrence of any special-status plant species is unlikely due to decades of intensive farming.

### Special-Status Animal Species

Special-status animal species considered in this evaluation include those that may occur in the project vicinity that have statutory protections. This includes federal- and state-listed (rare, threatened, or endangered; fully protected) species and candidates for listing under the respective endangered species acts. Species that are of special concern to the CDFW or the USFWS are included in this evaluation. Special-status bird species that are afforded protection under the MBTA which may nest on or within an approximate 10-mile (16-kilometer) radius of the project site are also evaluated. Evidence of one (01) listed animal species, San Joaquin kit fox (*Vulpes macrotis mutica*, SJKF) was observed during the field study. No evidence of any other listed, or otherwise special-status animal species, or animal species sign was observed during the field study

### Designated Critical Habitat

The USFWS iPac report and USFWS Designated Critical Habitat Mapper lists no Designated Critical Habitat (USFWS 2020). Designated Critical Habitats closest to the project site include California condor (*Gymnogyps californianus*) approximately 22-miles south and Buena Vista Lake shrew (*Sorex ornatus relictus*) west of the project site. No suitable habitat for either species exists on the project site.

### Jurisdictional Water Resource Features

Section 404 of the Federal Clean Water Act (CWA) regulates discharge of dredged and fill material into Waters of the United States. Wetlands are included under this jurisdiction. Proposed activities that may result in discharge of material into Waters of the U.S. require a permit review process by the U.S. Army Corps of Engineers as set forth under CWA section 404(b)(1). Fish and Game Code section 1602



requires any person, state or local governmental agency, or public utility to notify CDFW before beginning any activity that will substantially modify a river, stream, or lake.

A search of the USFWS National Wetlands Inventory resulted in no riparian, wetlands, or other jurisdictional water features mapped on the project site (USFWS 2021). These results are consistent with the observed conditions within the survey area.

### Special-Status Natural Communities

No special-status vegetation communities on the project site were identified by the USFWS iPac query, the CNDDB, or the CNPS Inventory (USFWS 2021, CDFW 2021, CNPS 2021). These results are consistent with the observed conditions within the survey area.

### Wildlife Migration Corridors and Nursery Sites

Wildlife corridors can be defined as connections between wildlife blocks that meet specific habitat needs for species movement generally during migratory periods but seasonally as well. Wildlife corridors generally contain habitat dissimilar to the surrounding vicinity and include examples such as riparian areas along rivers and streams, washes, canyons, or otherwise undisturbed areas within urbanization. Corridor width requirements can vary based on the needs of the species utilizing them. Development of the project would not impact wildlife migration corridors or nursery sites.

### Regional and Local Policies

The proposed, modified project will not conflict with existing or adopted Habitat Conservation Plans, Natural Community Conservation Plans, local or regional conservation plans, or local ordinances protecting biological resources. The project site is located within the MBHCP, CDFW, ITP boundaries. Recommendations included in this report when implemented in concert with the MBHCP, would be expected to mitigate any project impacts to biological resources to a less-than-significant level.

## IMPACT ANALYSIS AND RECOMMENDED MITIGATION MEASURES

This section provides an analysis of the impacts of the proposed, modified project following the standards of CEQA and provides recommendations that, when implemented, would reduce impacts to less-than-significant levels. It is important to note that potential take of any federal- or state-listed species from project activities would require contacting the appropriate wildlife agency (the USFWS and/or the CDFW). This contact may result in a requirement to obtain federal and/or state take authority for listed species as necessary.

The project site is located within the MBHCP ITP boundaries. Impacts to covered plant and animal species, other than blunt-nosed leopard lizard or bird species afforded protection under the MBTA, would be fully-mitigated by participation in the MBHCP. Recommendations included in this report when implemented in concert with the MBHCP, would be expected to mitigate any project impacts to biological resources to a less-than-significant level.

CEQA Appendix G thresholds have been used to evaluate potential impacts to the biological resources from the proposed project. The project would create a significant impact to biological resources, based on the specifications in Appendix G of the CEQA Guidelines, if the following were to occur:

1. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service;



2. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service;
3. Have a substantial adverse effect on federally protected wetlands as defined by section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means;
4. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites;
5. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance;
6. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.

The following analysis discusses potential impacts associated with the development of the project and provides recommendations where appropriate to further reduce potential impacts.

**1. Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, by the CDFW, or the USFWS?**

Direct and indirect impacts, in the form of “incidental take” of a threatened, endangered, or otherwise protected species, are not expected as a result of the development of the proposed project..

**2. Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations, or by the CDFW or the USFWS?**

No riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or United States Fish and Wildlife Service exists on the project site. No adverse effect will occur as a result of the development of the proposed project and no mitigation measures are recommended.

**3. Would the project have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?**

No features, identified in wetland categories, appear on the USFWS National Wetlands Inventory mapping (USFWS 2021) on the proposed, modified project site. No federally protected wetlands as defined by Section 404 of the Clean Water Act were identified during the field study conducted for the preparation of this report. No substantial adverse effect will occur as a result of the development of the project. No mitigation measures are recommended.

**4. Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?**

No migratory wildlife corridors were identified during the literature search or field study. The SJKF known den identified on the project site, likely used during the pup rearing period, would be fully-mitigated by participation in the MBHCP. The project will not interfere substantially with the movement of any native fish or wildlife species or with established native resident or migratory wildlife corridors or impede the use



of native wildlife nursery sites. The following recommendations are provided for the general protection of bird species that may occur on the project site or vicinity in compliance with the MBTA:

If ground-disturbing activities are planned during the nesting season for migratory birds that may nest on or near the site (generally February 1 through August 31), nesting bird surveys are recommended prior to the commencement of ground disturbance for project activities. If nesting birds are present, no new construction or ground disturbance should occur within an appropriate avoidance area for that species until young have fledged, unless otherwise approved and monitored by a qualified onsite biologist. Appropriate avoidance should be determined by a qualified biologist. In general, minimum avoidance zones for active nests should be implemented as follows: 1) ground or low-shrub nesting non-raptors – 300 feet (91 meters); 2) burrowing owl – as appropriate based on nest location, existing surrounding activity, and evaluation of owl behavior. Coordination with CDFW may be warranted. 3) Sensitive raptors (e.g., prairie falcon, golden eagle) – 0.5 miles (0.8 kilometers); 3) other raptors – 500 feet (152 meters).

**5. Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?**

There are no biological resources on the site which are protected by local policies. Impacts from conflicts with local policies will not occur. No additional mitigation measures are recommended.

**6. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.**

The project does not conflict with any Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan. No additional mitigation measures are recommended.



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## APPENDIX A

### PROJECT VICINTY AND SITE



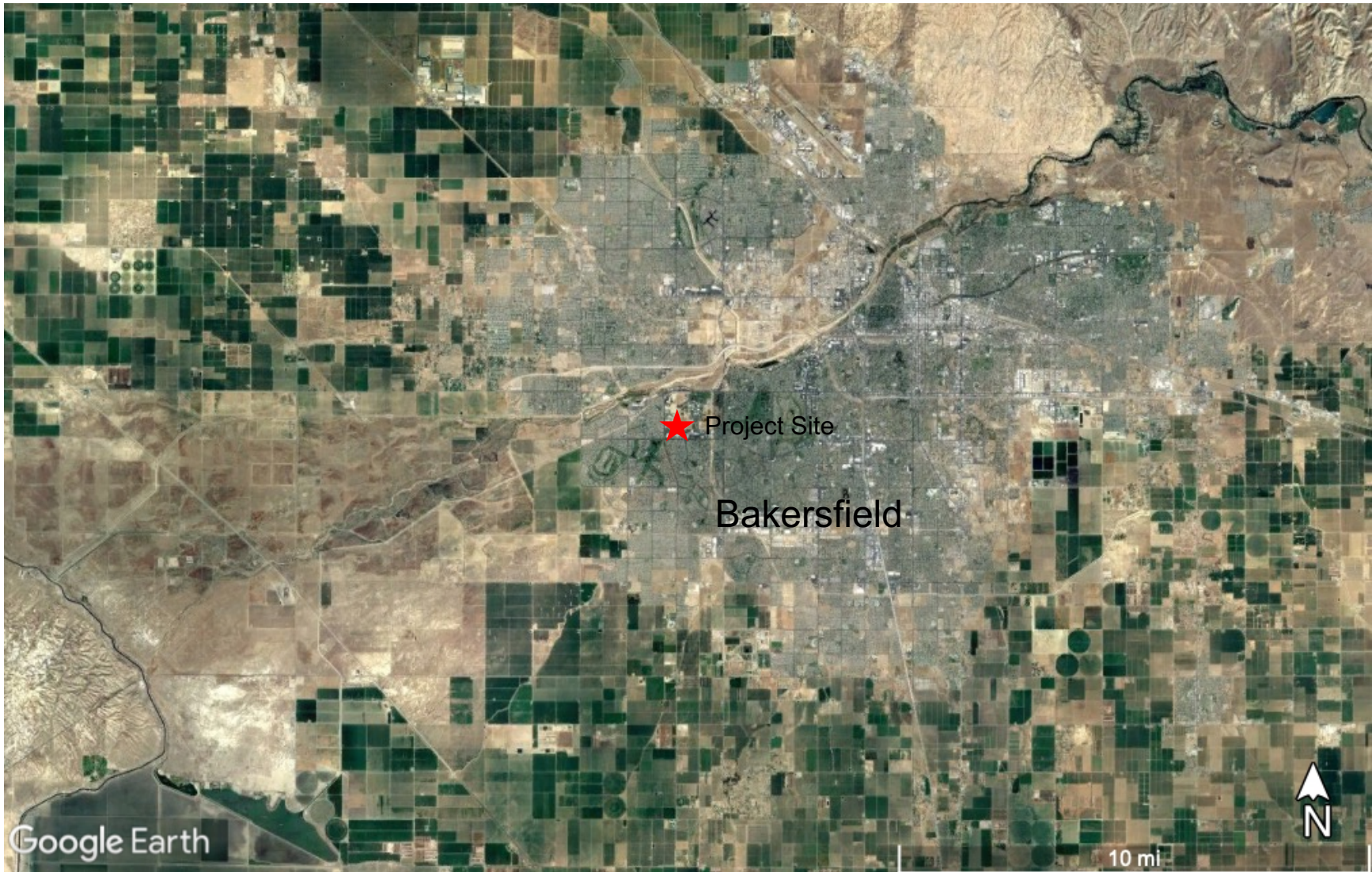


Figure A-1. Aerial photograph of the project and vicinity (Google Earth Pro 2021).



Figure A-2. Aerial photograph of the project site (Google Earth Pro 2021).

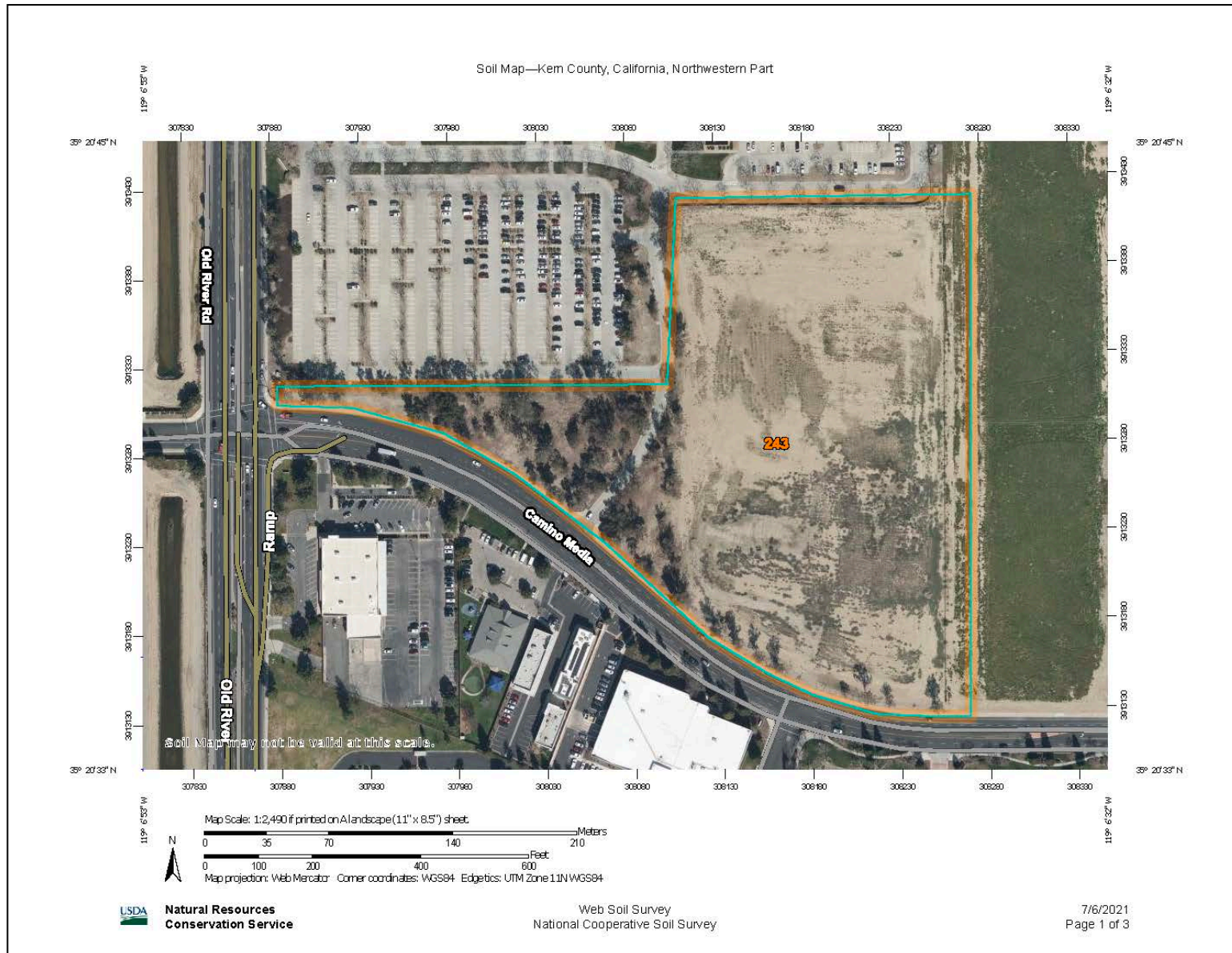


Figure A-3. Soil map of the project site (USDA, Natural Resources Conservation Service 2021).



Figure A-3. Photograph of the project site taken from the southeast corner facing northwest (23JUN21).



Figure A-4. Photograph of the project site taken from the northeast corner facing southwest (23JUN21).



Figure A-5. Photograph of the project site taken from the west corner facing east (23JUN21).

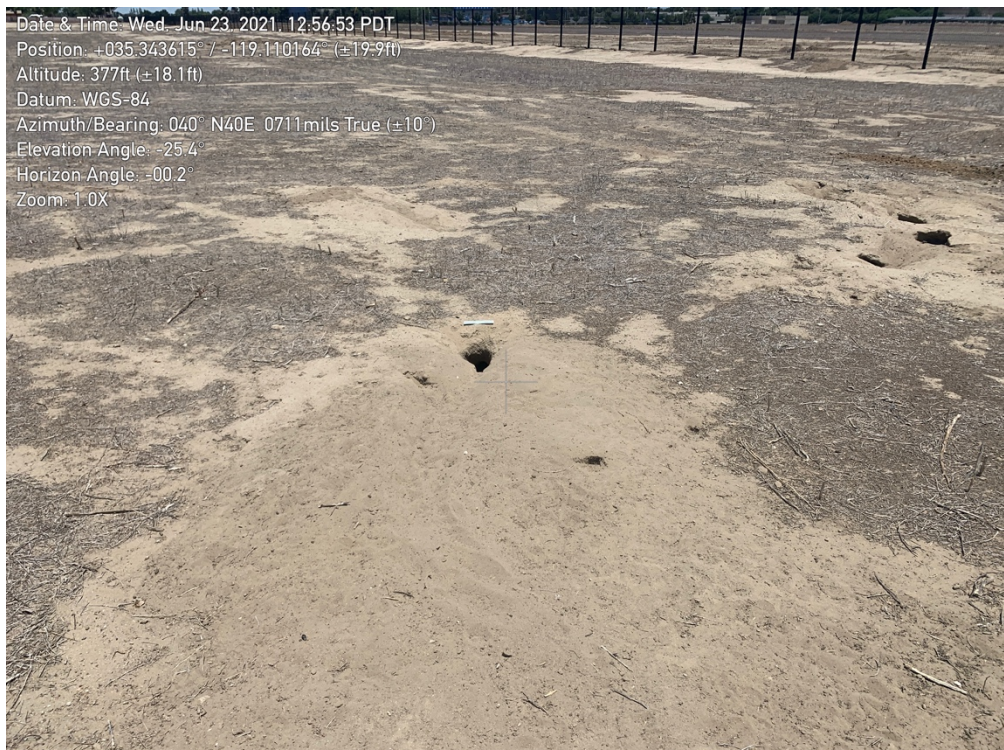


Figure A-6. Photograph of the identified SJKF known den (23JUN21).

## APPENDIX B

### SPECIAL-STATUS PLANT AND ANIMAL EVALUATION



**Table B-1:** Special-status Plants That May Occur in the Vicinity of the Project.

<b>Scientific Name Common Name</b>	<b>Status Fed/State/CNPS</b>	<b>Description</b>	<b>Blooming Period</b>	<b>Field Study Results/Potential for Occurrence</b>
<i>Astragalus hornii</i> var. <i>hornii</i> Horn's milk vetch	S/-/1B.1	Annual herb in the Fabaceae found in meadows and seeps and on playas and lake margins on alkaline soils between 197 and 2,789 feet (60–850 meters) in elevation. Known from occurrences in the Southern San Joaquin Valley, the Tehachapi Mountains and the Western Transverse Ranges in Kern, Los Angeles, and San Bernardino Counties.	May to October	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.
<i>Atriplex cordulata</i> var. <i>cordulata</i> Heartscale	S/-/1B.2	Herbaceous annual in the Chenopodiaceae found in chenopod scrub, meadows and weeps, and valley and foothill grasslands in sandy, saline or alkaline soils below 1,837 feet (560 meters) in elevation. Known to occur in the Great Central Valley from Kern County north to Southern Butte County.	April to October	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.
<i>Atriplex coronata</i> var. <i>vallicola</i> Lost Hills crownscale	S/-/1B.2	Herbaceous annual in the Chenopodiaceae found in valley and foothill grasslands, playas, and vernal pools on alkaline soils between 456 and 1,640 feet (139–500 meters) in elevation.	April to August	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.
<i>Atriplex tularensis</i> Bakersfield smallscale	-/E/1A	Annual herb in the Chenopodiaceae found in valley and foothill grasslands, between 131 and 328 feet (40–100 meters) in elevation. Known to occur in the San Joaquin Valley from Northwestern Kern County north to Southern Merced County and in the Sacramento Valley in Southern Butte County.	June to August (occasionally October)	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.
<i>Calochortus striatus</i> Alkali mariposa lily	S/-/1B.2	Bulbiferous perennial herb in the Liliaceae found in chaparral, cismontane woodland, lower montane coniferous forest, and valley and foothill grasslands on sandy often granitic, sometimes serpentine soils, between 1,296 and 3,281 feet (395–1,000 meters). Known to occur in the Outer South Coast Ranges in Santa Barbara and San Luis Obispo Counties.	April to May	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.
<i>Caulanthus californicus</i> California jewelflower	E/E/1B.1	Annual herb in the Brassicaceae family found on serpentinite soils in closed-cone coniferous forest, chaparral, and cismontane woodland between 1,542 and 4,003 feet (470–1,220 meters) in elevation.	May to July	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.



Scientific Name Common Name	Status Fed/State/CNPS	Description	Blooming Period	Field Study Results/Potential for Occurrence
<i>Chloropyron molle</i> ssp. <i>hispidum</i> Hispid bird's-beak	S/-/1B.1	Hemiparasitic annual herb in the Orobanchaceae family found on coastal dunes and coastal saltwater marshes and swamps below 98 feet (30 meters) in elevation.	May to October	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.
<i>Delphinium recurvatum</i> Recurved larkspur	S/-/1B.2	Perennial herb in the Ranunculaceae family found in chaparral, cismontane woodland, and pinyon and juniper woodland on rocky, carbonate soils between 984 and 4,396 feet (300–1,340 meters) in elevation. Known to occur in Kern and Tulare Counties.	April to May	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.
<i>Diplacus pictus</i> <i>Calico monkeyflower</i>	-/-/1B.2	Annual herb in the Phrymaceae family found in upland and cismontane woodland on granitic soils between 328 and 4690 feet (100-1430 meters). Known to occur in Kern and Tulare Counties.	March to May	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.
<i>Eremalche parryi</i> ssp. <i>kernensis</i> Kern mallow	E/-/1B.1	Perennial, stoloniferous herb in the Onagraceae family found in meadows and seeps, and subalpine coniferous forest in mesic soils between 6,562 and 10,236 feet (2,000–3,120 meters) in elevation. Known to occur in Alpine, El Dorado, Fresno, Madera, Mono, Nevada, Sierra, and Tuolumne Counties.	July to August	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.
<i>Eriastrum hooveri</i> Hoover's eriastrum	DI-/4.2	Annual herb in the Polemoniaceae family that occurs between 164 and 3,002 feet (50–915 meters) in elevation in pinyon-juniper woodland, and valley and foothill grasslands, occasionally on gravelly soils. Known to occur in the Southern San Joaquin Valley in Kern and Fresno Counties and on the Carrizo Plain in San Luis Obispo County.	March to July	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.
<i>Eschscholzia lemmonii</i> ssp. <i>kernensis</i> Tejon poppy	-/-/1B.1	Annual herb in the Papaveraceae family found in chaparral, cismontane woodland and valley and foothill grassland on serpentinite clay soil between 656 and 4,921 feet (200–1,500 meters) in elevation. Known to occur in Fresno, Imperial, Mendocino, Monterey, San Benito, and San Luis Obispo Counties.	March to June	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.
<i>Imperata brevifolia</i> <i>California satintail</i>	-/-/2B.1	Perennial herb in the Poaceae family found in chaparral, coastal sage scrub, creosote bush scrub and wetland-riparian communities. Known to occur in Butte, Lake, Fresno, Tulare, Inyo, Kern, Santa Barbara, Ventura, San Bernadino, Orange, Riverside, San Diego and Imperial Counties.	September to May	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.





Scientific Name Common Name	Status Fed/State/CNPS	Description	Blooming Period	Field Study Results/Potential for Occurrence
<i>Lasthenia glabrata</i> ssp. <i>Coulteri</i> <i>Coulter's goldfields</i>	-/-1B.1	Annual herb in the Asteraceae family found in vernal pools and saline places at elevations below 1000m. Known to occur in Kern and San Joaquin Counties	February to June	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.
<i>Layia leucopappa</i> <i>Comanche Point layia</i>	SI/-1B.1	Annual herb in the Asteraceae family found in chenopod scrub, and valley and foothill grassland between 328 and 1,148 feet (100–350 meters) in elevation. Known to occur in Kern County.	March to April	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.
<i>Monolopia congdonii</i> San Joaquin woolly-threads	E/-1B.2	Perennial, rhizomatous herb in the Ericaceae family found in broadleaved upland forest and North Coast coniferous forest between 328 and 3,609 feet (100–1,100 meters) in elevation. Known to occur in Del Norte, Fresno, Humboldt and Siskiyou Counties.	May to August	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.
<i>Navarretia setiloba</i> <i>Piute Mountains navarretia</i>	SI/-1B.1	Herbaceous annual in the Polemoniaceae family found on clay or gravelly loam soils in cismontane woodland, pinyon and juniper woodland, and valley and foothill grasslands from 1,001 and 6,890 feet (305–2,100 meters) in elevation. Known from occurrences in the Southern Sierra Nevada in Kern and Tulare Counties.	April to June	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.
<i>Opuntia basilaris</i> var. <i>treleasei</i> Bakersfield cactus	E/E/1B.1	Perennial stem succulent in the Cactaceae family found in chenopod scrub, cismontane woodland, and valley and foothill grasslands between 394 and 1,804 feet (120–550 meters) in elevation. Known to occur in the Southeast San Joaquin Valley and Southern Sierra Nevada Foothills in Kern County.	April to May	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.
<i>Puccinellia simplex</i> <i>California alkali grass</i>	-/-1B.1	Annual herb in the Poaceae family found in meadows and seeps between 2,297 and 3,281 feet (700–1,000 meters) in elevation. Known to occur in Kern and San Bernardino Counties.	April to May	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.
<i>Stylocline citroleum</i> Oil neststraw	SI/-1B.1	Annual herb in the Asteraceae family found in chenopod scrub, coastal scrub, and valley and foothill grasslands on clay soils between 164 and 1,312 feet (50–400 meters) in elevation. Known from locations in Kern and San Diego Counties.	March to April	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.



<b>Scientific Name Common Name</b>	<b>Status Fed/State/CNPS</b>	<b>Description</b>	<b>Blooming Period</b>	<b>Field Study Results/Potential for Occurrence</b>
<i>Stylocline masonii</i> Mason's neststraw	S/-1B.1	Annual herb in the Asteraceae family found in chenopod scrub, coastal scrub, and valley and foothill grasslands on clay soils between 164 and 1,312 feet (50–400 meters) in elevation. Known from locations in Kern and San Diego Counties.	March to April	<b>Not Observed/Not Expected.</b> Decades of intensive farming has resulted in vegetation limited to invasive/ruderal species.

STATUS:

Federal and State Listing Code

- D Delisted
- E Federally or State-listed Endangered
- T Federally or State-listed Threatened

CNPS

- 1A Plants presumed extirpated in California, and either rare or extinct elsewhere
- 1B.1 Plants considered rare, threatened, or endangered in California and elsewhere; seriously threatened in California
- 1B.2 Plants considered rare, threatened, or endangered in California and elsewhere; fairly threatened in California
- 2B.1 Plants considered rare, threatened, or endangered in California, but more common elsewhere; seriously threatened in California
- 4.2 Plants of limited distribution in California; fairly threatened in California



**Table B-2: Special-status Animals That May Occur in the Vicinity of the Project.**

<b>Scientific Name Common Name</b>	<b>Status Federal/State</b>	<b>General Habitat</b>	<b>Survey Results/Regional or Nearest Occurrence*</b>
<b>Invertebrates</b>			
<i>Desmocerus californicus dimorphus</i> Valley elderberry longhorn beetle	T/-	Central Valley riparian forest; nearly always found on or close to its host plant, elderberry ( <i>Sambucus</i> species).	<b>Not Present.</b> No suitable habitat for the species. No host plants present on the project or vicinity.
<i>Branchinecta lynchi</i> Vernal pool fairy shrimp	T/-	Found in vernal pools throughout California. Exist as cysts during the dry season and reproduce when pools are filled with water again.	<b>Not Present.</b> No suitable habitat present.
<b>Fishes</b>			
<i>Hypomesus transpacificus</i> Delta smelt	T/-	Found only in the low-salinity and freshwater habitats of the Sacramento-San Joaquin Estuary. Historically, it was one of the most common pelagic fish in the estuary	<b>Not Present.</b> No suitable habitat present.
<b>Amphibians</b>			
<i>Rana draytonii</i> California red-legged frog	T/-	Found in habitat characterized by dense, shrubby, riparian vegetation and associated still, or slow-moving water that is at least 2.3 feet deep. The arroyo willow ( <i>Salix lasiolepis</i> ) cattails ( <i>Typha</i> sp.) and bulrushes ( <i>Scirpus</i> sp.) provide good habitat.	<b>Not Present.</b> No suitable habitat present.
<i>Spea hammondi</i> Western spadefoot toad	-/ CSC	Central valley and adjacent foothills, Coast Ranges from Point Conception south to the Mexico border; valley-foothill grasslands and valley-foothill hardwood, shallow temporary pools used for breeding, below 4,472 feet (1,363 meters).	<b>Not Observed/Not Expected.</b> No known records in the vicinity of the project. No suitable habitat present on the project. Marginal habitat is present in the project vicinity.
<b>Reptiles</b>			
<i>Anniella spp.</i> California legless lizard	-/CSC	Found in coastal dunes, chaparral, pine-oak woodlands, desert scrub, and sandy washes in warm moist loose soils, below 5,085 feet (1550 meters).	<b>Not Observed/Not Expected.</b> Suitable habitat absent from the site. Potential habitat in the project vicinity.
<i>Arizona elegans occidentalis</i> California glossy snake	-/CSC	Found in low elevation scrub, grasslands and chaparral habitats.	<b>Not Present.</b> No suitable habitat present.
<i>Emys marmorata</i> Western pond turtle	-/CSC	Completely aquatic requiring calm waters such as pools or streams with vegetation banks or logs for basking. Will utilize upland habitat up to about 0.5 km from water.	<b>Not Present.</b> No suitable habitat present.
<i>Gambelia sila</i> Blunt-nosed leopard lizard (BNLL)	E/E,SFP	Found only in the San Joaquin Valley, adjacent Carrizo Plain, Elkhorn Plain, Cuyama Valley, and Panoche Valley; inhabits sparsely vegetated plains, lower canyon slopes, on valley floors, and washes; open grassland, saltbush scrub, and alkali sink are more common habitat types.	<b>Not Present.</b> No suitable habitat present.



<b>Scientific Name Common Name</b>	<b>Status Federal/State</b>	<b>General Habitat</b>	<b>Survey Results/Regional or Nearest Occurrence*</b>
<i>Masticophis flagellum ruddocki</i> San Joaquin coachwhip	-/CSC	Found in the San Joaquin Valley in open, dry habitats. Associated with valley grassland and saltbush scrub habitats containing small mammal burrows which are used for refugia and oviposition sites.	<b>Not Present.</b> No suitable habitat present.
<i>Phrynosoma blainvillii</i> Coast horned lizard	-/CSC	Inhabits valley-foothill hardwood, coniferous and riparian, as well as pine-cypress, juniper, and annual grasslands, in Sierra Nevada below 3,937 feet (1,200 meters) and in mountains of Southern California and into the adjacent valleys.	<b>Not Present.</b> No suitable habitat present.
<i>Thamnophis gigas</i> Giant gartersnake	T/T	Found in areas of freshwater marshes or low-gradient streams. Can also be found in human-made habitats, such as drainage canals and irrigation ditches, especially those associated with rice farming.	<b>Not Present.</b> No suitable habitat present. Species believed to be extirpated from Kern County.
<b>Birds</b>			
<i>Agelaius tricolor</i> Tricolored blackbird	S/CSC	Forages in grasslands, wetlands, rice fields, croplands, and weedy uplands dominated by mustards and thistles, etc.; breeds in marshes containing heavy growth of bulrushes, cattails, and blackberries; found throughout the Central Valley.	<b>Not Present/Low Probability of Occurrence in the Project Vicinity.</b> No suitable nesting or habitat on the site. Potential for marginal foraging habitat in farmlands in the vicinity of the project.
<i>Athene cunicularia</i> Burrowing owl	-/CSC	Inhabits dry, open grasslands, rolling hills, desert floors, prairies, savannas, agricultural land, and other areas of open, bare ground. These owls will also inhabit open areas near human habitation, such as airports, golf courses, shoulders of roads, railroad embankments, and the banks of irrigation ditches and reservoirs.	<b>Not Observed/Moderate Probability of Occurrence in the Project Vicinity.</b> Suitable habitat for nesting and foraging in the vicinity of the project.
<i>Buteo swainsoni</i> Swainson's hawk	-/T	Riparian and sometimes large isolated trees used for nesting; grasslands and agricultural lands used for foraging; in California, breeds primarily in the Sacramento Valley, with occasional nesting to the south through Kern County; migrate through the Central and San Joaquin Valleys to their wintering grounds in South America.	<b>Not Observed/Low Probability of Occurrence in the Project Vicinity.</b> Few suitable nesting sites on the project. Suitable foraging habitat exists across the row-crop farmland south of metropolitan Bakersfield. Swainson's hawk are uncommon in Kern County.
<i>Charadrius alexandrinus nivosus</i> Western snowy plover	T/-	Nests, feeds, and takes cover on sandy or gravelly beaches along the coast, on estuarine salt ponds, alkali lakes, and at the Salton Sea. On the Pacific coast, it nests on barren to sparsely vegetated sand beaches, dry salt flats in lagoons, dredge spoils deposited on beach or dune habitat, levees and flats at salt-evaporation ponds, and river bars.	<b>Not Present.</b> No suitable wintering habitat or foraging habitat exists on the project.
<i>Circus cyaneus</i> Northern harrier	-/CSC	Widespread breeding resident, other than in the Central Valley, most lowland birds are winter migrants; ground nester that forages and nests in a wide variety of open	<b>Not Observed/Low Probability of Occurrence in the Project Vicinity.</b> No suitable nesting sites on the project.



Scientific Name Common Name	Status Federal/State	General Habitat	Survey Results/Regional or Nearest Occurrence*
		habitats with low perches such as marshes, fields, and other treeless areas.	Suitable foraging habitat exists across the row-crop farmland south of metropolitan Bakersfield.
<i>Coccyzus americanus occidentalis</i> Western yellow-billed cuckoo	T/E	Nests in walnut and almond orchards in California, natural nesting habitat is in cottonwood-tree willow riparian forest. Known populations of breeding western yellow-billed cuckoo are several disjunct locations in California, Arizona, and western New Mexico.	<b>Not Present.</b> No suitable nesting habitat exists on the project for this species. The site represents poor foraging habitat.
<i>Elanus leucurus</i> White tailed kite	-/SFP	Associated habitats include open grasslands, savannahs, agriculture, wetlands, oak woodland and riparian areas with associated open space.	<b>Not Observed/Low Probability of Occurrence in the Project Vicinity.</b> No suitable nesting sites on the project. Suitable foraging habitat exists across the row-crop farmland south of metropolitan Bakersfield. Swainson's hawk are frequently observed moving through Kern County during the migratory period. Swainson's hawk are uncommon nesters in Kern County.
<i>Empidonax traillii</i> Willow Flycatcher	-/E	Nests and forages in riparian habitats with dense vegetation characterized by willows, buttonbush and coyote brush, with a scattered overstory of cottonwood. Have also been known to nest in thickets dominated by tamarisk.	<b>Not Present.</b> No suitable nesting or foraging habitat present.
<i>Lanius ludovicianus</i> Loggerhead shrike	-/CSC	Common resident and winter visitor in lowlands and foothills throughout California; species prefers open habitats with scattered shrubs, trees, posts, fences, utility lines, or other perches; nests on stable branches in densely-foliaged shrubs or trees, usually well-concealed.	<b>Not Observed/Moderate Probability of Occurrence in the Project Vicinity.</b> No suitable nesting habitat present. Loggerhead shrike occur throughout the southern San Joaquin Valley and undoubtedly forage in the project vicinity.
<b>Mammals</b>			
<i>Ammospermophilus nelsoni</i> San Joaquin antelope squirrel	-/T	Found in grasslands or open shrublands; formerly more extensive, current range includes southwestern portion of the San Joaquin Valley and in adjacent valleys to the west.	<b>Not Present.</b> Beyond the current published range of the species.
<i>Dipodomys ingens</i> Giant kangaroo rat	E/E	Western side of the San Joaquin Valley, including the Carrizo Plain and the Panoche Valley; grassland and shrub-land habitats with sparse vegetative cover and soils that are well-drained, fine sandy loams with gentle slopes.	<b>Not Present.</b> Beyond the current published range of the species.
<i>Dipodomys nitratoideus brevinasus</i> Short-nosed kangaroo rat	E/E	Found in arid communities on the valley floor portions of Kern, Tulare, and Kings counties in scrub and grassland communities in level to near-level terrain with	<b>Not Present.</b> Beyond the published range of the species.



Scientific Name Common Name	Status Federal/State	General Habitat	Survey Results/Regional or Nearest Occurrence*
		alluvial fan-floodplain soil (fine sands and sandy loams) with sparse grasses and woody vegetation such as iodine bush, saltbush, seep weed, and mesquite.	
<i>Dipodomys nitratoides nitratoides</i> Tipton kangaroo rat	E/E	Found in arid communities on the valley floor portions of Kern, Tulare, and Kings counties in scrub and grassland communities in level to near-level terrain with alluvial fan-floodplain soil (fine sands and sandy loams) with sparse grasses and woody vegetation such as iodine bush, saltbush, seep weed, and mesquite.	<b>Not Present.</b> No suitable habitat present. Not within the southwest focus area of the MBHCP.
<i>Eumops perotis californicus</i> Greater western mastiff bat	-/CSC	Open, semi-arid to arid habitats, including conifer and deciduous woodlands, annual and perennial grasslands, chaparral, desert scrub, and urban areas; roosts in cliff faces, as well as high buildings, trees, and tunnels; uncommon resident in southwestern San Joaquin Valley.	<b>No Roosting Sites Present.</b> No known occurrences in the vicinity of the project. Information on some bat species indicates foraging may occur over 10's of miles from roosting sites. Impacts not expected.
<i>Lasiurus cinereus</i> Hoary bat	-/CSC	Open, semi-arid to arid habitats, including conifer and deciduous woodlands, annual and perennial grasslands, chaparral, desert scrub, and urban areas; roosts in cliff faces, as well as high buildings, trees, and tunnels; uncommon resident in southwestern San Joaquin Valley.	<b>No Roosting Sites Present.</b> No known occurrences in the vicinity of the project. Information on some bat species indicates foraging may occur over 10's of miles from roosting sites. Impacts not expected.
<i>Onychomys torridus tularensis</i> Tulare grasshopper mouse	-/CSC	Found in valley grasslands habitats, blue oak savanna, desert associations dominated by annual grasses and California ephedra, alkali sink scrub, saltbush scrub, and upper Sonoran shrub associations, dominated by ephedra.	<b>Not Observed/Not Expected.</b> No suitable habitat present.
<i>Perognathus inornatus inornatus</i> San Joaquin pocket mouse	S/-	Found in west-central California in the Upper Sacramento Valley, Tehama County, southward through the San Joaquin and Salinas valleys and contiguous areas to the Mojave Desert in Los Angeles, Kern and extreme western San Bernardino counties. Inhabits dry, open, grassy or weedy areas and annual grasslands, savannas, and desert-scrub associations with sandy washes or finely textured soils.	<b>Not Observed/Not Expected.</b> No suitable habitat present.
<i>Sorex ornatus relictus</i> Buena Vista Lake shrew	E/CSC	Formerly occupied marshlands of the San Joaquin Valley and the Tulare Basin. Its range has become much restricted due to the loss of lakes and sloughs in the area. It has been recorded from the Kern Lake Preserve area and the Kern National Wildlife Refuge. Current distribution is unknown but likely to be very restricted due to the loss of habitat.	<b>Not Present.</b> No suitable habitat present.



<b>Scientific Name Common Name</b>	<b>Status Federal/State</b>	<b>General Habitat</b>	<b>Survey Results/Regional or Nearest Occurrence*</b>
<i>Taxidea taxus</i> American badger	-/CSC	Uncommon resident found through California; in less disturbed grassland and shrubland habitats in San Joaquin Valley.	<b>Not Present</b> No suitable habitat present.
<i>Vulpes macrotis mutica</i> San Joaquin kit fox (SJKF)	E/T	Found in valley saltbush scrub, valley sink scrub, Interior Coast Range saltbush scrub, upper Sonoran sub-shrub scrub, non-native grassland, and valley sacaton grassland in the Central Valley and adjacent foothills and valleys, infrequently to the outer Coast Ranges; generally not found in densely wooded areas, wetland areas, or areas subject to frequent periodic flooding.	<b>SJKF Known Den Observed/High Probability of Occurrence in the Project Vicinity.</b> A SJKF known den was identified on the project site. SJKF natal dens are documented on land adjacent to the project.

STATUS:

Federal

- S Listed as a BLM Sensitive Species
- D Delisted
- E Listed as Endangered
- PT Proposed as Threatened
- T Listed as Threatened
- C Candidate for Endangered Status

State

- CSC California Department of Fish and Wildlife Designated Species of Special Concern
- D Delisted
- E Listed as Endangered
- SFP California Department of Fish and Wildlife Designated Fully Protected
- T Listed as Threatened

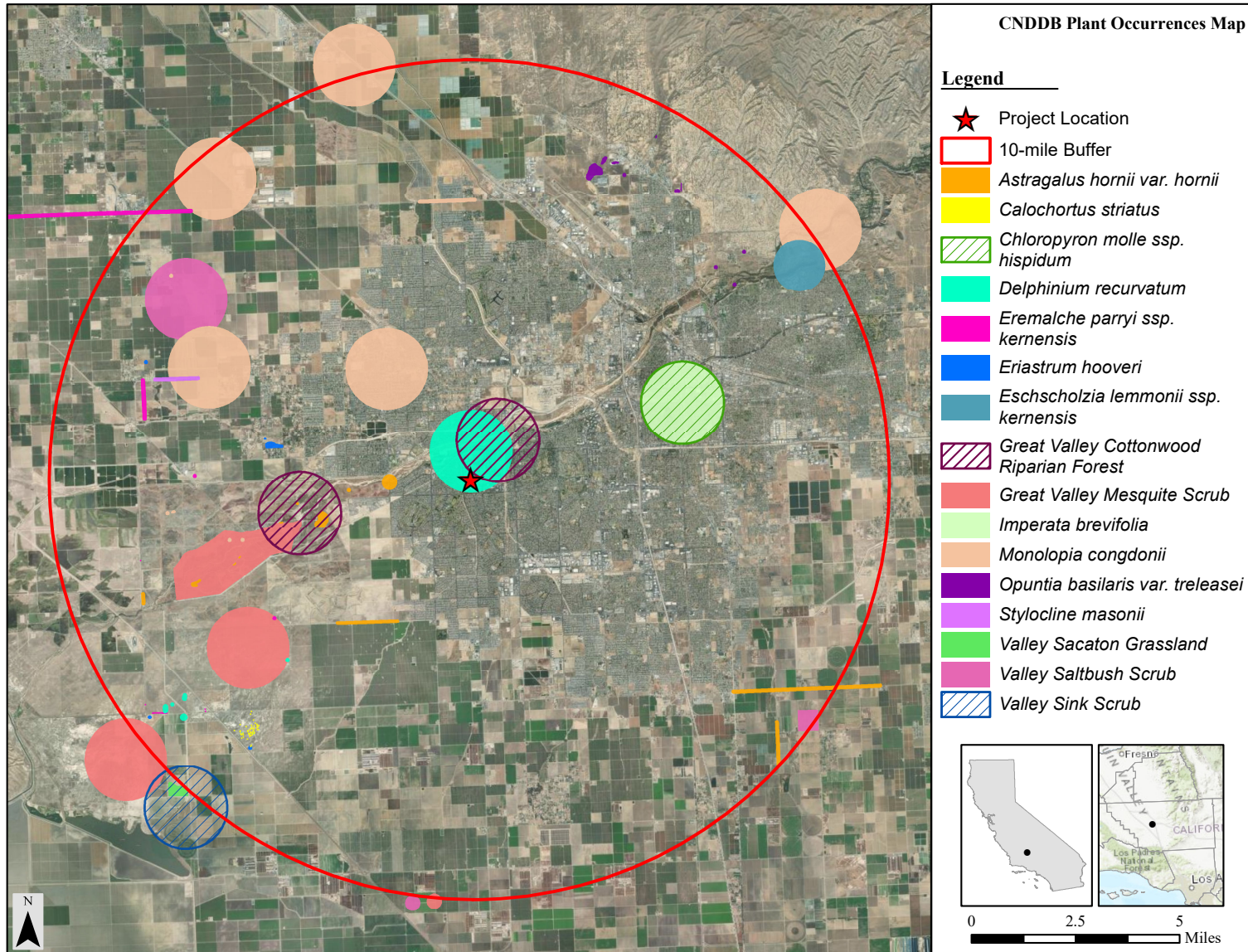


Figure B-1. CNDDDB special-status plant species occurrences within a 10-mile radius of the project (CDFW 2021).



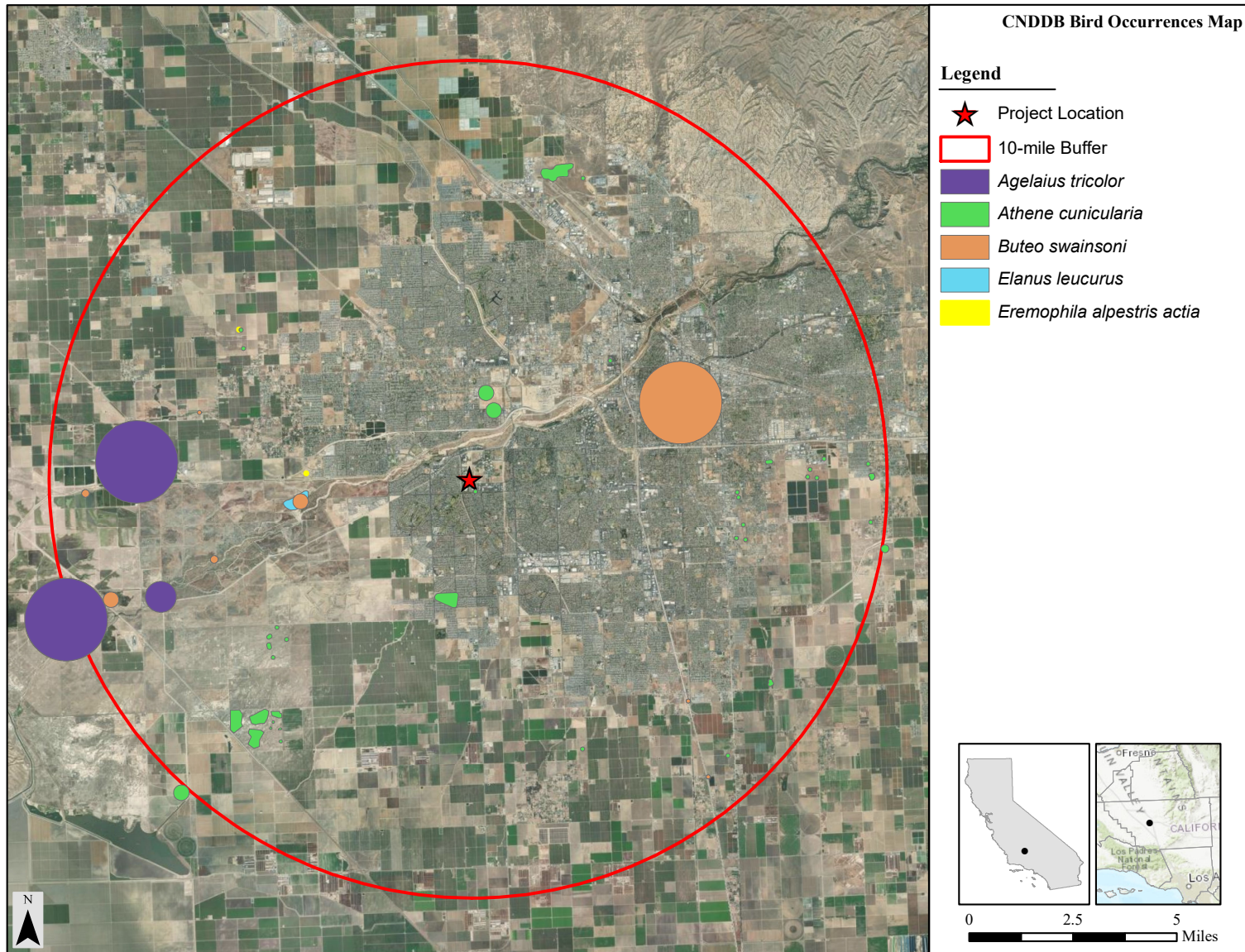


Figure B-2. CNDDDB special-status bird species occurrences within a 10-mile radius of the project (CDFW 2021).

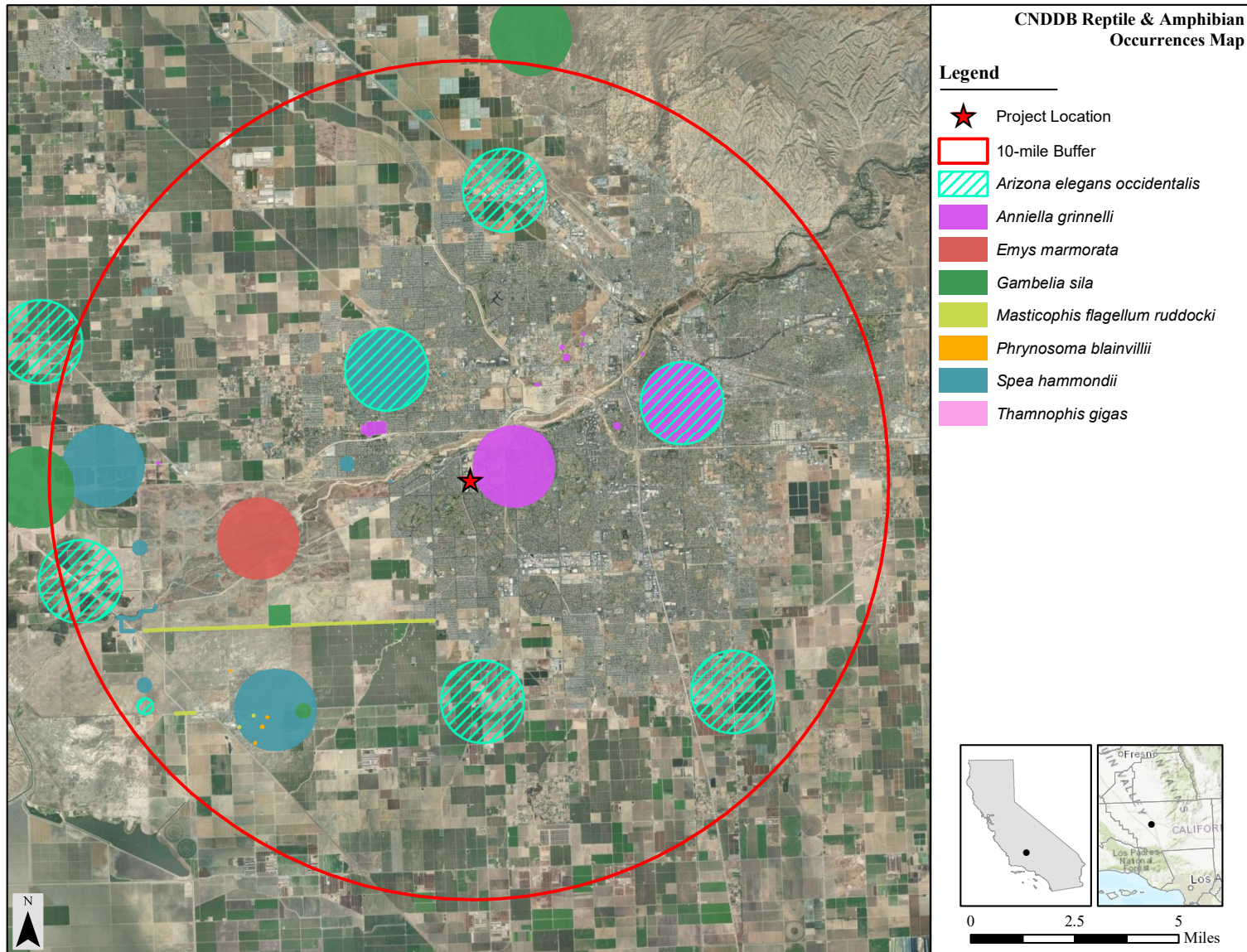


Figure B-3. CNDDDB special-status amphibian and reptile species occurrences within a 10-mile radius of the project (CDFW 2021).

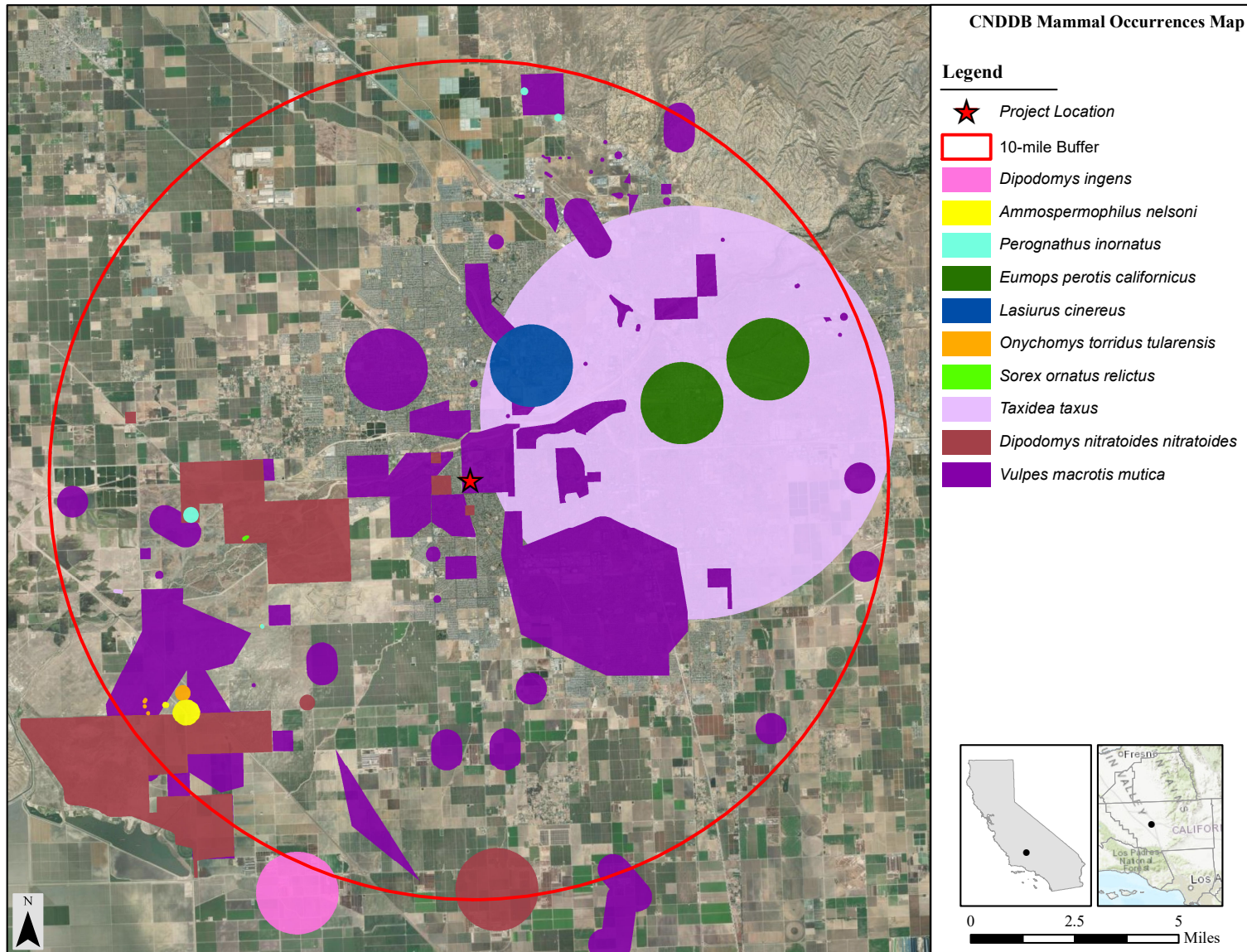


Figure B-4. CNDDDB special-status mammal species occurrences within a 10-mile radius of the project (CDFW 2021).

## APPENDIX C

PLANTS AND ANIMALS OBSERVED ON THE PROJECT

FIELD STUDY CONDUCTED  
23 June 2021



Table C-1. Vascular plant species observed during the field study conducted on the project site.

<b>Scientific Name</b>	<b>Common Name</b>
<b>Chenopodiaceae</b>	
<i>Salsola tragus</i>	Russian thistle
<b>Euphorbiaceae</b>	
<i>Euphorbia</i> sp.	Common spurge
<b>Geraniaceae</b>	
<i>Erodium cicutarium</i>	Redstem filaree
<b>Myrtaceae</b>	
<i>Eucalyptus</i> sp.	Eucalyptus
<b>Poaceae</b>	
<i>Bromus madritensis</i> ssp. <i>rubens</i>	Red brome
<i>Poa annua</i>	Annual bluegrass
<b>Zygophyllaceae</b>	
<i>Tribulus terrestris</i>	Punctervine

Table C-2. Vertebrate animal species observed during the field study conducted on the project site.

<b>Scientific Name</b>	<b>Common Name</b>
<b>Birds</b>	
<i>Corvus corax</i>	Common raven
<i>Haemorhous mexicanus</i>	House finch
<i>Zenaidura macroura</i>	Mourning dove
<b>Mammals</b>	
<i>Otospermophilus beecheyi</i>	California ground squirrel
<i>Vulpes macrotis mutica</i>	San Joaquin kit fox



## Phase I Environmental Site Assessment

for

**12.63-acre Undeveloped Property**  
9700, 9850, and 9916 Camino Media  
County of Kern • Bakersfield, California



**This report has been prepared for:**

**Mr. Tom Dee**  
**RGF Properties, LLC**

**Prepared: June 25, 2021**

• ENVIRONMENTAL CONCEPTS WITH DESIGN IN MIND •

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- Appendix A: Figures and Site Photographs
- Appendix B: EDR Environmental Database Survey
- Appendix C: Site Questionnaires



## EXECUTIVE SUMMARY

On behalf of Mr. Tom Dee of RGF Properties, LLC, Advanced Environmental Concepts, Inc. (AEC) conducted a Phase I Environmental Site Assessment (ESA) during June 2021 on a 12.63-acre undeveloped property having street addresses of 9700, 9850, and 9916 Camino Media, Bakersfield, California. The property is described as three Kern County Assessor's Parcel Numbers (APNs) of 390-300-28 (1.41-ac), -29 (5.28-ac), and -30 (5.94-ac) and is within the East Half of the Southeast Quarter of Section 6; Township 30 South, Range 27 East of the Mount Diablo Base & Meridian (MDB&M).

The subject mass-graded undeveloped property is bordered to the south by asphalt-paved Camino Media which will also provide the primary access to the site. The eastern adjoining property consists of a similar mass-graded undeveloped lot while the northern and majority of the western boundaries are formed by an asphalt-paved parking lot that is associated with the former State Farm office campus that is now occupied by California Resources Corporation (CRC), a large oil exploration & development company. There is a stand of eucalyptus trees in the smaller triangular-shaped southwest portion of the site and the larger eastern rectangular-shaped open portion is devoid of trees with the exception of along the boundaries. A north trending concrete-paved drive separates these two areas.

The ESA process under ASTM Standard 1527 was created to identify *recognized environmental conditions* (RECs) which present a material risk of harm to public health or the environment and generally be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. The ESA process additionally identifies *controlled recognized environmental conditions*, which are specified under ASTM Standard 1527 as a REC resulting from a past release that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances allowed to remain in place subject to institutional controls; and/or *historical recognized environmental conditions*, i.e. conditions which may have presented a material risk to public health and/or the environment but have now been mitigated to the satisfaction of a regulatory agency at the subject property. The descriptive term "recognized environmental condition" means the presence, or likely presence, of any hazardous substances or petroleum products in, at, or on a property due to any release to the environment; under conditions that indicate an existing release, a past release, or a material threat of a release to the environment. In addition, AEC will identify non-ASTM conditions which are considered *de minimis* and generally do not present a material risk of harm to public health or the environment and would not be the subject of an enforcement action if brought to the attention of an appropriate governmental agency.

The results of this investigation have identified no *de minimis conditions*, no *recognized environmental conditions (REC)*, no *controlled recognized environmental conditions*, no *historical recognized environmental conditions*, and no *offsite recognized environmental conditions*.

AEC has conducted this Phase I Environmental Site Assessment at 9700, 9850, and 9916 Camino Media, Bakersfield, California (the Property) in conformance with the scope and limitations of ASTM Standard E1527-13. Any exceptions to, or deletions from this practice are described in Section 5.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property. Therefore, based on the results of our assessment, AEC recommends that no further action is warranted.

## 1.0 INTRODUCTION

Advanced Environmental Concepts, Inc. (AEC) was retained by Mr. Tom Dee of RGF Properties, LLC (“User”), to prepare a Phase I Environmental Site Assessment at 9700, 9850, and 9916 Camino Media, Bakersfield, California (the “Property”). A location map for the Property is presented as Figure 1 in Appendix A. This assessment was performed in conformance with 40 CFR 312, Standards for Conducting All Appropriate Inquiries, and general conformance with ASTM E1527-13.

## 2.0 PURPOSE

The purpose of this assessment is to identify recognized environmental conditions located at the subject site or adjacent properties which could present material risk of harm to public health or to the environment. Recognized environmental conditions, as defined within ASTM Designation E1527-13, are the presence, or likely presence, of any hazardous substances or petroleum products in, at, or on a property due to any release to the environment; under conditions that indicate an existing release, a past release, or a material threat of a release to the environment.

This assessment is intended to constitute appropriate inquiry into the previous ownership and uses of the property, as required to support the assertion of the innocent landowner, contiguous property owner, and/or bona fide prospective purchaser defenses to liability (collectively the Landowner Liability Protections, or LLPs) under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA a.k.a. Superfund), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA) and the Small Business Liability Relief and Brownfields Revitalization Act of 2002.

If known or suspected contamination is identified, Users seeking to maintain Landowner Liability Protections have responsibilities in addition to completing an AAI-compliant Phase I Environmental Site Assessment. These “continuing obligations” include taking “appropriate care” and “reasonable steps” with respect to known or suspected releases of hazardous substances during the tenure of property ownership. In addition to these requirements under Federal law there are also different requirements under state law with respect to liability protections. On request, Advanced Environmental Concepts, Inc. can provide support for clients with continuing obligations, as appropriate.

## 3.0 SCOPE OF SERVICES

To evaluate the potential presence of recognized environmental conditions, this preliminary investigation consisted of the following:

- Contacting appropriate regulatory agencies for hazardous materials information concerning the subject site and surrounding areas located within an approximate 1-mile radius of the site boundaries. Inquiries were made regarding documentation of: (a) toxic spills; (b) underground storage tanks; (c) the use, storage, generation, and/or disposal of hazardous materials; (d) the presence of disposal wells and/or leach fields, drain fields, and septic systems; and, (e) violations of applicable environmental control standards;
- Conducting interviews and researching historical site usage for information regarding past or present recognized environmental conditions;
- Reviewing selected database reports, maps, and aerial photographs for information pertaining to potential sources or visual indications of soil and groundwater contamination;
- Conducting an on-site inspection and off-site reconnaissance to identify visible evidence of the generation, use, storage, spills, or disposal of hazardous materials;

- Evaluating investigational findings and the preparation of a detailed report inclusive of findings and recommendations.

#### 4.0 SPECIAL TERMS AND CONDITIONS

The information included in this report is intended for use exclusively as a preliminary assessment of potential environmental and human health concerns at the project site. Data is generally obtained through telephone conversations, personal interviews, public records, public information, general maps and aerial photographs. These services have been rendered by Advanced Environmental Concepts, Inc. (AEC) in accordance with generally accepted practices by professional geologists and environmental specialists. Also, the report has been prepared in accordance with the care and skill generally exercised by reputable professionals, under similar circumstances, in this or similar localities. Because of the limited nature of this investigation, the firm is precluded from providing a warranty, expressed or implied, regarding the presence of hazardous materials that could potentially adversely affect the subject site.

This report is provided with the understanding that it is the responsibility of the owner to convey the information and recommendations contained herein, to the appropriate regulatory agencies, as required. The services performed in the scope of this project are for the sole use of our client. Others who seek to rely on the findings contained within this report have a duty to determine the adequacy of the information presented herein, for their time, location, and intended use.

#### 5.0 LIMITATIONS AND ASSUMPTIONS

This report presents the results of a site assessment conducted by **Advanced Environmental Concepts, Inc. (AEC)** for Mr. Tom Dee of RGF Properties, LLC (client), on the following property:

**12.63-acre Undeveloped Property  
9700, 9850, and 9916 Camino Media  
County of Kern • Bakersfield, California**

No other properties were included within the scope of this assessment except as required for the off-site reconnaissance and for the regulatory agency database and file review pertaining to potential sources of offsite recognized environmental concerns. Historical information regarding the subject parcels is limited to review of maps, public documents, interviews with people knowledgeable with the past and present uses of the property, and aerial photography review.

The investigation focused on releases and threatened releases of hazardous substances or petroleum products that could be considered a recognized environmental condition and/or a liability due to their possible presence in significant concentrations (e.g., above acceptable limits set by the Federal or state government) or due to the potential for contaminant migration through exposure pathways (e.g., groundwater). Materials that may contain substances which are not currently deemed hazardous by the federal or state of California EPA were not considered as part of this study.

Unless specifically included in our scope of services, formal surveys for asbestos-containing materials, lead-based paints, fire safety, vapor intrusion, indoor air quality, mold, and similar matters were not part of this assessment. The Property was not evaluated for compliance with land use, zoning, wetlands, or similar laws. This report is not intended to be an environmental compliance audit.

Hazardous substances naturally occurring in plants, soils, and rocks, (e.g., heavy metals, naturally occurring asbestos, or radon) are not typically considered in these investigations. Similarly, construction debris (e.g., discarded concrete, asphalt) is not considered to be of concern unless observation determined that hazardous substances are likely to be present in "actionable" concentrations.

Unless otherwise noted, sampling and laboratory analyses of soil, water, air, building materials, or other media, were not performed as part of this investigation. Quantitative identification of hazardous substances can only be accomplished through sampling and appropriate laboratory analysis.

AEC assumes no responsibility for the accuracy of information obtained from, compiled by, or provided by third-party sources, such as regulatory agency listings. AEC assumes that information collected during this environmental site assessment is accurate and correct. Unless warranted, information collected has not been independently validated as part of this assessment.

Also, the following bullet point is the responsibility of the User (40 CFR 312.22) and is not included in this Phase I Assessment Report:

- The relationship of the “purchase price” to the “fair market value” of the Property. The purchaser of a Property is required to consider whether a difference between the purchase price and the fair market value of the Property is due to the presence of potential releases or identification of hazardous substances at the Property. There is no indication from the buyer or seller that there is an environmental concern that is adversely affecting the property value.

The following limitations/restrictions were placed on AEC:

- There were no limiting factors that impeded access to AEC for the entire subject property.

## 6.0 GENERAL SITE CHARACTERISTICS

### 6.1 Site Location and General Site Description

The subject property consists of 12.63-acres of undeveloped ground having street addresses of 9700, 9850, and 9916 Camino Media, Bakersfield, California. The property is described as three Kern County Assessor's Parcel Numbers (APNs)<sup>1</sup> of 390-300-28 (1.41-ac), -29 (5.28-ac), and -30 (5.94-ac) and is within the East Half of the Southeast Quarter of Section 6; Township 30 South, Range 27 East of the Mount Diablo Base & Meridian (MDB&M).

The current registered owner of this property is identified as:

California Resources Real Estate Ventures, LLC  
27200 Tourney Road, Suite 200  
Santa Clarita, California 91355  
Attn: Ulrik Damborg

### 6.2 Current Use of the Property

The property is currently undeveloped open ground that has been mass-graded. A stand of eucalyptus trees are evident in the smaller acreage southwest portion of the property.

### 6.3 Past Uses of the Property

The property consisted of undeveloped native desert improved with a water transfer canal from at least 1937 (earliest aerial photograph reviewed by AEC) until the 1950s when the property was planted to row and/or cover crops. In the early-1980s, the subject property and adjoining area were graded in preparation for future commercial development.

## 6.4 Current and Past Uses of Adjoining Properties

The adjoining properties consisted of undeveloped native desert improved with a water transfer canal from prior to 1937 until the 1950s when it was also placed in agricultural production. In the early-1980s, the subject property and adjoining area were graded in preparation for future commercial development. Cal State Bakersfield was developed during the 1970s northeast of the subject property and was the general impetus for commercial and residential expansion.

Currently the adjoining properties consist of the following:

North: The north boundary to the subject property is an asphalt-paved parking lot associated with the CRC office campus.

South: The south boundary is Camino Media followed by a few large commercial-use buildings.

East: The eastern adjoining property is a similar mass-graded undeveloped lot.

West: The west boundary primarily consists of the asphalt-paved parking lot associated with the CRC office campus as well as a small strip of undeveloped ground.

## 7.0 SITE AND VICINITY CHARACTERISTICS

### 7.1 Physiographic Setting

The subject property is located in the southeastern end of the San Joaquin Valley where the Sierra Nevada, Great Valley, and Coast Range geomorphic provinces meet. The southern end of the Sierra Nevada province is composed of a massive block of igneous and metamorphic rock of Mesozoic age and older. This Sierran block, 40 to 100 miles wide and 400 miles long, slopes five to seven degrees beneath the San Joaquin Valley.

The Coast Range province on the west consists of tectonically deformed and fractured marine and non-marine sedimentary rocks of Jurassic, Cretaceous, and Tertiary age which dip eastward beneath the San Joaquin Valley. The Great Valley province is a broad asymmetrical synclinal trough, which is known as the Sacramento Valley in the north and the San Joaquin Valley in the south. Beneath the southern San Joaquin Valley floor, the Sierran plutonic and metamorphic rock is overlain by consolidated marine rocks of Jurassic and Cretaceous age. These rocks are overlain by continental marine and non-marine sedimentary rocks of Tertiary age. These continental deposits are consolidated to semi-consolidated, fossiliferous sandstone, siltstone, and shale, which thicken toward the south and west. The Tertiary rocks are overlain by unconsolidated continental deposits consisting of Pliocene to Holocene river and lake sediments of gravel, sand, silt, and clay.<sup>2</sup>

Surface features of the floor of the San Joaquin Valley consist of dissected uplands, alluvial fans, overflow areas, and lake bottoms. Dissected uplands lie between the mountains and the nearly flat Valley floor and are manifest in low lying hills through which perennial and intermittent streams flow. These features consist of reworked older alluvium. The alluvial fans are the sites of active stream deposition of sand and silts derived from the Sierra Nevada and the dissected uplands. The overflow lands and lake bottoms lie in the central part of the Valley where silt and clay accumulate in quiet lake and marsh environments. The subject property is located on a flat grade with average approximate elevation of 364-feet above MSL.<sup>3</sup> The property is underlain by alluvial fan deposits created from sediments transported and deposited by tributaries of the Kern River. The underlying sediments consist of gravels, sands, silts, and clays.

The Central Valley of California is underlain by a broad and deep hydrogeologic unit consisting of soil and rock of varying porosity and permeability. Physical dimensions are approximately 50 miles wide at the widest point in the Valley, 400 miles long, and as much as 2,000 feet deep. Recharge to regional aquifers consists of infiltration of seasonal precipitation and percolation of surface

waters. The Valley aquifer of greatest storage, highest quality, and greatest accessibility for domestic and agricultural use consists of the alluvial and lacustrine continental deposits extending to depths of 1,500 to 2,000 feet beneath the San Joaquin Valley floor. Lithology and hydraulic properties of these sediments is largely the product of the sediment source and the depositional environment. These sediments range in size from clays to boulders and include all mixtures between the extremes. Those of the west side of the Valley are derived largely from the Coastal Ranges, which tend to consist of shales and fine sandstones with limited permeability. The east side sediments are derived mainly from granitic materials of the Sierra Nevada which are generally coarser and much more permeable.

The majority of groundwater pumped from beneath the area occurs within unconsolidated continental deposits. Based on information provided by the Kern County Water Agency<sup>4</sup> depth to unconfined groundwater is estimated to be greater than 80-feet below grade and the groundwater flow direction (gradient) beneath the site is estimated to be toward the southwest.

## **8.0 SITE DESCRIPTION AND INSPECTION**

An inspection of the Property and reconnaissance of the surrounding area was conducted on June 18, 2021 by Anthony Buck, Project Manager of AEC. The subject mass-graded undeveloped property is bordered to the south by asphalt-paved Camino Media which will also provide the primary access to the site. The eastern adjoining property consists of a similar mass-graded undeveloped lot while the northern and majority of the western boundaries are formed by an asphalt-paved parking lot that is associated with the former State Farm office campus that is now occupied by California Resources Corporation (CRC), a large oil exploration & development company. There is a stand of eucalyptus trees in the smaller triangular-shaped southwest portion of the site and the larger eastern rectangular-shaped open portion is devoid of trees with the exception of along the boundaries. A north trending concrete-paved drive separates these two areas.

### **8.1 Hazardous Substances**

There were no visual indications of the presence of hazardous substance containers located within the limits of the subject property during the site inspection; in addition, no unidentified hazardous substance containers were observed during the site inspection.

### **8.2 Natural Drainage**

Surface sheet flow generated from seasonal precipitation will flow to the south into the area storm water management system.

### **8.3 Disturbed Areas**

The subject property is primarily undeveloped; however, was graded during the early 1980s in preparation for future development. A north trending concrete-paved access road trends through the western portion of the site.

### **8.4 Hydraulic Equipment**

No in-ground hydraulic equipment was observed on the Property.

### **8.5 Electrical Equipment**

No pad or pole-mounted transformers were observed onsite. According to information obtained from the Pacific Gas and Electric Company (PG&E),<sup>5</sup> all transformers within the PG&E power distribution network suspected of containing PCBs were removed and replaced by 1990. The manufacturing of PCB-containing electric power transformers was discontinued in 1984.

*Testing of transformers for the presence of PCBs is not included within the scope of this site assessment.*

## **8.6 Wastewater**

### **8.6.1 Sewage Disposal Systems**

There is no sewage disposal system currently operating onsite, however, when operational will be maintained and operated by the City of Bakersfield.

### **8.6.2 Pools of Liquid**

AEC did not identify any areas of standing surface water during this site assessment.

### **8.6.3 Pits, Ponds, or Lagoons**

AEC did not identify any pits, ponds, or lagoons during this site assessment.

### **8.6.4 Drains and Sumps**

AEC did not identify any drains or sumps during this site assessment.

## **8.7 Solid Waste Disposal**

No solid waste is currently generated at the site and no indication of solid waste burial was observed on the property.

## **8.8 Water Supply**

Water for use at the site will be supplied by the City of Bakersfield through an underground municipal pipeline. No onsite water wells were identified.

## **8.9 Storage Tanks**

There are no fill tubes, vent pipes, dispenser islands, or other visual indication identifying the current or former presence of underground storage tanks (USTs) at this site. In addition, there was no indication of the former or current presence of aboveground storage tanks (ASTs) at the site.

## **8.10 Designated Wetlands**

Under the U. S. Army Corps of Engineers regulations, wetlands<sup>6</sup> are defined as "those 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 such as sloughs, prairie potholes, wet meadows, river overflows, mud flats, and natural ponds.

*Based on visual observations made during the site inspection, review of USGS topographic maps, and aerial photography review, the subject site and adjacent parcels are not located in an area that would be classified as Designated Wetlands Areas under USACE regulations.*

## **8.11 Asbestos-Containing Materials (ACMs)**

Asbestos Containing Materials (ACMs) were commonly used in building products such as roofing shingles, composite siding, linoleum flooring, acoustic ceiling tiles, furnace and water heater exhaust piping and insulation, glues and mastics, stucco, joint compounds, and composite

wallboard prior to 1980; however, use of ACMs post 1980 is known to have occurred at many locations. ACMs can be divided into material considered friable (easily crumbled or reduced to powder) and non-friable. Friable ACMs are regulated as hazardous materials due to the elevated long-term risk of developing lung cancer upon respiratory exposure and must be properly removed prior to renovation or demolition of any structure containing these materials. Also, ACMs have also been found in 'Transite' irrigation piping commonly used in many agricultural areas of California. No indications of Transite irrigation piping were noted within the subject property during this assessment. Based on the absence of construction, it is not likely that ACMs are present within this property.

*Asbestos sampling and laboratory analyses are beyond the scope of this site assessment.*

### **8.12 Radon**

Radon<sup>7</sup> is a colorless, odorless, tasteless, naturally occurring radioactive gas formed by the decay of uranium in soil and bedrock. Because uranium and radon occur naturally in varying amounts within rocks and soils found throughout the United States, radon is present in all the air that we breathe. Long-term exposure to elevated concentrations of radon in confined areas has been associated with an increased risk of lung cancer. The present action levels require exposure to concentrations of at least four picocuries/liter (4 pCi/L) of radon over an extended period of time. The State of California Department of Health Services conducted radon surveys across portions of Kern County, during 1990. Kern County has been classified as Zone 2 which has a predicted average indoor radon screening level between 2 and 4 pCi/L. Sampling in the area of the subject property (Zip Code 93311) indicated that 0 out of 18 tests exhibited concentrations higher than 4 pCi/L. The United States Environmental Protection Agency (EPA) and the Surgeon General presently recommend that all homes in the United States be individually tested for radon.

*Radon sampling and laboratory analysis are beyond the scope of this assessment.*

### **8.13 Lead**

According to information published by the United States Department of Housing and Urban Development (HUD),<sup>8</sup> approximately three out of every four pre-1978 buildings contain lead-based paint and/or lead plumbing components. Based on the absence of construction at the subject property, the presence of lead-based paint at this site is unlikely.

*Lead sampling is beyond the scope of this site assessment.*

### **8.14 Odors**

Strong, pungent, or noxious odors were not identified at the subject property during this site assessment.

### **8.15 Heating and Cooling**

The subject property is not currently heated and/or cooled by HVAC (Heating, Ventilation, and Air Conditioning) units.

### **8.16 Stains or Corrosion**

AEC did not identify any stains or corrosion on soil during this site assessment.

### **8.17 Stressed Vegetation**

AEC did not observe any areas with stressed vegetation during this site assessment.



## 9.0 INTERVIEWS, DATA GAPS, AND PRIOR REPORTS

### 9.1 Interviews

#### 9.1.1 Interview with Owner and/or Site Representative

On June 21, 2021, AEC conducted an email interview with Ms. Stacy Valdez, a representative of California Resources Corporation. According to Ms. Valdez, they have owned the property since December of 2018 and she is not aware of any hazardous substance releases at the subject property, nor does she have any knowledge of any former or current USTs. In addition, in her opinion, the property is being purchased at fair market value and the price is not affected by an environmental concern.

#### 9.1.2 Interview with User

The User, Mr. Tom Dee would only be aware of any environmental concerns unless they are disclosed, to which he has indicated on the User Questionnaire that he has received no adverse notifications to date.

#### 9.1.3 Interview with Local Government Officials

AEC contacted the Kern County Environmental Health Services Department, City of Bakersfield Building Department, Bakersfield Fire Department, San Joaquin Valley Air Pollution Control District, and Regional Water Quality Control Board for records regarding the subject property; however, interviews were not conducted with these agencies. Details of the file reviews are discussed in Section 11.2 of this report.

### 9.2 Data Gaps

A data gap is generally defined as a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may include insufficient historical information, the inability to interview person(s) with direct site knowledge, or lack of access to all areas during the investigation.

Based on the availability of aerial photos and topographic maps for the subject site from years 1910 through 2020 in reasonably ascertainable intervals and site personnel interviewed having knowledge of the facility during the past 20 years, there are no apparent data gaps related to the subject site.

### 9.3 Prior Reports

AEC was not provided with any prior reports regarding the subject property.

## 10.0 SITE HISTORY

### 10.1 Historical Use Information

#### 10.1.1 Aerial Photograph, Sanborn Map and Topographic Map Review

Historical aerial photograph coverage, Sanborn Maps, and USGS Map coverage of the site were reviewed in order to evaluate past site usage. Visual observations noted within these photographs and maps are described chronologically as follows:

**Map Date: 1910**                      **Quadrangle: Buena Vista Lake**                      **Scale: 1"=10,416'**

The subject property and adjoining properties are depicted as undeveloped. The James Canal is near the south boundary of the subject property. There is a cluster of offsite structures in an area depicted as Bellevue southwest of the site.

**Map Date: 1932**                      **Quadrangle: Gosford/Stevens**                      **Scale: 1"=2,640'**

The subject property and adjoining properties are depicted as undeveloped although there is a water transfer canal that bisects the site. The James Canal is still evident near the south boundary of the subject property and there remains a cluster of offsite structures now depicted as the California Market Company southwest of the site.

**Map Date: 1941**                      **Quadrangle: Gosford**                      **Scale: 1"=2,640'**

The subject property and adjoining properties continue to be depicted as undeveloped with the exception of the water transfer canal that bisects the site. The James Canal is still evident near the south boundary of the subject property and there remains a cluster of offsite structures depicted as the California Market Company southwest of the site. There are numerous water transfer canals in the general area and the Kern River remains visible offsite to the north.

**Flight Date: 1937**                      **Flyer: USDA**                      **Scale: 1"=605'**

The subject property is undeveloped with the exception of the water transfer canal that trends east-west through the site. The adjoining area is also primarily undeveloped. There is a large water transfer canal south of the property and a series of smaller canals nearby. In addition, there is a cluster of structures nearby to the north.

**Flight Date: 1942**                      **Flyer: USDA**                      **Scale: 1"=605'**

Again, the subject property is undeveloped with the exception of the water transfer canal that trends east-west through the site. Also, the adjoining area is primarily undeveloped. There continues to be a large water transfer canal south of the property and a series of smaller canals nearby. In addition, there remains a cluster of structures nearby to the north.

**Map Date: 1950**                      **Quadrangle: Gosford/Stevens**                      **Scale: 1"=2,000'**

Again, the subject property and adjoining properties continue to be depicted as undeveloped with the exception of the water transfer canal that bisects the site. The James Canal is still evident near the south boundary of the subject property and there remains a cluster of offsite structures depicted as the California Market Company southwest of the site. There are numerous water transfer canals in the general area and the Kern River remains visible offsite to the north.

**Flight Date: 1952**                      **Flyer: USGS**                      **Scale: 1"=585'**

The subject property is now planted to irrigated row crops as is the majority of the surrounding property. The water transfer canal that trends east-west through the site has been re-aligned and connects with other canals. There continues to be a large water transfer canal south of the property and there remains a cluster of structures nearby to the north.

**Flight Date: 1956**                      **Flyer: USDA**                      **Scale: 1"=585'**

The subject property continues to be planted to irrigated row crops as is the majority of the surrounding property. The water transfer canal that trends east-west through the site is still visible and connects with other canals. There is still a large water transfer canal south of the property and there remains a cluster of structures nearby to the north.

**Flight Date: 1968**                      **Flyer: USGS**                      **Scale: 1"=585'**

The subject property continues to be planted to irrigated row crops as is the majority of the surrounding property. The water transfer canal is no longer visible trending east-west through the site. There is still a large water transfer canal south of the property, however, there is no longer a cluster of structures nearby to the north.

**Map Date: 1968**                      **Quadrangle: Gosford/Stevens**                      **Scale: 1"=2,000'**

Again, the subject property and adjoining properties are depicted as undeveloped. The James Canal is still evident near the south boundary of the subject property and there remains a cluster of offsite structures and water tank that was previously described as the California Market Company southwest of the site. There are numerous water transfer canals in the general area and the Kern River remains visible offsite to the north.

**Flight Date: 1973**                      **Flyer: USGS**                      **Scale: 1"=585'**

The subject property continues to be planted to irrigated row crops as is the majority of the surrounding property. There is still a large water transfer canal south of the property and the structures associated with Cal State Bakersfield are evident to the north.

**Map Date: 1973**                      **Quadrangle: Gosford/Stevens**                      **Scale: 1"=2,000'**

As before, the subject property and adjoining properties are depicted as undeveloped. The James Canal is still evident near the south boundary of the subject property and there remains a cluster of offsite structures and water southwest of the site. The Cal State Bakersfield structures and the Kern River remain visible offsite to the north.

**Flight Date: 1984**                      **Flyer: USGS**                      **Scale: 1"=585'**

The subject property and surrounding area have been mass-graded. Camino Media forms the south boundary to the property, although only a portion has been paved. A large building has been constructed south of the subject site. The structures associated with Cal State Bakersfield are still evident to the north.

**Flight Date: 1994**                      **Flyer: Google**                      **Scale: 1"=585'**

The subject property remains an undeveloped mass-graded lot, however it now appears to also be a staging area for buildings and adjoining parking lots that are starting to be constructed around the site. Camino Media still forms the south boundary to the property. The structures associated with Cal State Bakersfield are still evident to the north and expansion with baseball fields has occurred to the east of the subject site.

**Flight Date: 2006**                      **Flyer: USDA/NAIP**                      **Scale: 1"=585'**

The subject property remains an undeveloped mass-graded lot. Camino Media still forms the south boundary to the property. Numerous large buildings and adjoining parking lots have been constructed around the site. The structures associated with Cal State Bakersfield are still evident to the north and expansion with baseball fields has occurred to the east of the subject site.

**Map Date: 2012****Quadrangle: Gosford/Stevens****Scale: 1"=2,000'**

The subject and immediately adjoining properties are depicted as undeveloped, however, nearby property is residentially and commercially developed. Camino Media is along the south boundary and the James Canal is no longer evident south of the site. Cal State Bakersfield and the Kern River remain depicted offsite to the north.

**Flight Date: 2012****Flyer: USDA/NAIP****Scale: 1"=585'**

The subject property remains an undeveloped mass-graded lot. Camino Media still forms the south boundary to the property. Numerous large buildings and adjoining parking lots continue to be visible around the site. The structures associated with Cal State Bakersfield are still evident to the north, however, the baseball fields have been abandoned east of the subject site.

**Flight Date: 2020****Flyer: Google****Scale: 1"=175'**

The site appears generally as it does today.

## 11.0 ENVIRONMENTAL DATABASE AND AGENCY FILE REVIEW

### 11.1 Review of Federal, State, Tribal, and Local Government Databases

AEC contracted Environmental Data Resources (EDR)<sup>9</sup> to perform database searches of readily available Federal, State, and Local database information systems for the purpose of identifying known recognized environmental conditions present on nearby properties which have the potential to adversely impact the site being assessed in this study.

A database search for sites listed on various federal, state, tribal, and local databases in the area around the Property was obtained. A description of each of the databases searched is included in the report, which is attached as Appendix B. Among the databases included in the EDR report are NPL (federal, tribal, and state-equivalent), proposed and delisted NPL, CORRACTS (RCRA facilities subject to corrective actions), hazardous waste sites identified for investigation or remediation (CERCLIS, State CERCLIS, VCP, Brownfields, Calsites, etc.), LUST, sites with engineering controls, former CERCLIS (NFRAP), RCRA and state hazardous waste generators, ERNS, SWLF, USTs, and Toxic Pits.

The review of the records satisfies all requirements as set forth in 40 CFR Section 312.26 (b) and (c) with regard to the review of federal, tribal, and state government records of databases of such government records and local government records and databases of such records pertaining to both the subject property and the nearby or adjoining properties. Further, the search distances for each particular database are as specified in 40 CFR 312.26.

Any known or suspected contaminated sites included on these lists within 0.25 miles of the Property are discussed in the following text. As a general rule, sites beyond 0.25 miles are not anticipated to impact a site significantly. Any sites beyond 0.25 miles with a high potential to impact the Property are also discussed. (Please note: the distances and directions listed in this report have been field verified and might not always match those in the EDR report.)

Sites such as TSD facilities, hazardous waste generators, HAZNET, FINDS, SQGs, LQGs, USTs, HIST UST, RCRA violations, and TRIS facilities with toxic chemical releases (generally in accordance with permitting requirements - into the air, water, or land as reported under SARA Title III) use or store hazardous materials and thus may pose a potential problem in the event of a spill or leak. However, unless these sites also appear in an agency list of contaminated sites, there is no evidence of any problems at this time. Therefore, sites on these lists will not be discussed unless on or in close proximity to the Property.

The subject property was not identified in the EDR Database Report. However, there are a few nearby properties within 0.25-miles that are listed for reporting, generating, storing, and/or disposing of hazardous substances and also for operating ASTs. However, it is the opinion of AEC that these sites have a negligible opportunity to adversely affect the subject site. Following is a listing of the databases reviewed:

Databases Reviewed	Search Distance (SD)	Number of Sites Within SD
Federal National Priorities List (NPL) Site List	1-Mile	0
Federal Delisted NPL Site List	1-Mile	0
Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	1/2-Mile	0
Federal CERCLIS No Further Remedial Action Planned (NFRAP) Sites	1/2-Mile	0
Federal RCRA CORRACTS List	1-Mile	0
Federal RCRA non-CORRACTs TSD List	1/2-Mile	0
Federal RCRA Generators List	1/4-Mile	0
Federal Institutional/Engineering Control Registries	1/2-Mile	0
Federal ERNS List	On-Site	0
California and Tribal Lists of NPL Equivalent Hazardous Waste Sites Identified for Investigation and/or Remediation	1-Mile	0
California and Tribal Lists of CERCLIS Equivalent Hazardous Waste Sites Identified for Investigation and/or Remediation	1-Mile	0
California and Tribal Landfills or Solid Waste Facilities List	1/2-Mile	0
California and Tribal Leaking Underground Storage Tank (LUST) Facility List	1/2-Mile	1
California and Tribal Registered Storage Tank Facility List	1/4-Mile	2
California and Tribal Voluntary Cleanup Sites	1/2-Mile	0
Local Brownfields Sites	1/2-Mile	0
Local Landfill/Solid Waste Disposal Sites	On-Site to 1/2-Mile	0
Local List of Hazardous Waste/Contaminated Sites	On-Site to 1-Mile	0
Local List of Registered Storage Tanks	1/4-Mile	1
Local Land Records	On-Site to 1/2-Mile	0
Records of Emergency Release Reports	On-Site	0
Other Ascertainable Records	On-Site to 1-Mile	2

## 11.2 Regulatory Agency Records

### 11.2.1 Kern County Agricultural Commission<sup>10</sup>

The Kern County Agricultural Commissioner's Office maintains records of restricted herbicides and pesticides registered for application to the subject site for a period of 5 years. Since there is no agricultural production on the subject property there is no requirement for a Restricted Materials Permit.

### 11.2.2 City of Bakersfield Building Department<sup>11</sup>

The City of Bakersfield Building Department - Building Inspection Division maintains records of building permits issued for construction undertaken in Bakersfield. These records were researched on June 25, 2021 for historical evidence of past site usage and no permits were identified.

### **11.2.3 City of Bakersfield Fire Department<sup>12</sup>**

The Bakersfield Fire Department, Prevention Services, (BFD) maintains records of underground storage tanks (USTs), Hazardous Materials Management Plans (HMMPs), Hazardous Materials inventories, and incidents of unauthorized release of hazardous materials from underground storage tanks at the subject site and surrounding areas. AEC searched the online database on June 15, 2021 and did not identify any records for the subject property.

### **11.2.4 Kern County Department of Environmental Health Services<sup>13</sup>**

The Kern County Environmental Health Services Department (KCEHSD) maintains records of underground storage tanks (USTs), Hazardous Materials Management Plans (HMMPs), Hazardous Materials inventories, and incidents of unauthorized release of hazardous materials from underground storage tanks for sites located within the City of Bakersfield until 1991. The files have been transferred to the City of Bakersfield Fire Department; therefore, KCEHSD had no files relating to the subject property.

### **11.2.5 San Joaquin Valley Air Pollution Control District<sup>14</sup>**

The San Joaquin Valley Air Pollution Control District (SJVAPCD) maintains records of Air Discharge permits for facilities located throughout the SJVAPCD. A request for a records review was submitted to the SJVAPCD on June 15, 2021 (#C-2021-6-59) and the email response from Ms. Christal Martinez on June 17, 2021 indicates that there are no records associated with the subject property.

### **11.2.6 California Department of Conservation – Geologic Energy Management Division (CalGEM)<sup>15</sup>**

According to the CalGEM (formerly DOGGR) Map No. 422, the site is not located with the Administrative Boundary of an Oil and/or Gas Field. Also, there are no active or inactive oil and/or gas wells located on the subject or nearby adjoining properties.

### **11.2.7 Central Valley Regional Water Quality Control Board<sup>16</sup>**

The Central Valley Regional Water Control Board (RWQCB) maintains a database of contaminated groundwater sites (GeoTracker). AEC has accessed GeoTracker to identify if the subject property, or adjoining and/or nearby properties have former or current soil and/or groundwater contamination from leaking underground storage tanks (USTs). The results of AEC's database review indicate that neither the subject property, nor any nearby properties (within 1,000-feet) are listed in the database. Also, AEC submitted a request for records on June 15, 2021 and the email response from Ms. Kelly Martin on June 21, 2021 indicates that there are no records regarding the subject property.

### **11.2.8 Department of Toxic Substances Control<sup>17</sup>**

The Department of Toxic Substances Control (DTSC) provides access to detailed information on hazardous waste permitted and corrective action facilities, as well as existing site cleanup information through their website EnviroStor. AEC accessed this database on June 15, 2021 and determined that neither the subject property nor any nearby facilities (within 1,000-feet) were identified.

### **11.2.9 Office of the State Fire Marshal Pipeline Safety Division<sup>18</sup>**

AEC located the subject property on the National Pipeline Mapping System and determined that there are no natural gas or hazardous liquid pipelines either bordering or traversing the subject property.

## 12.0 VAPOR ENCROACHMENT SCREENING

ASTM Standard E 2600-15 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions (VES) was used as guidance for conducting a VES for the subject property. The purpose of the screening is to determine whether a Vapor Encroachment Condition (VEC) exists from chemicals of concern (COC) that may migrate as vapors onto a property as a result of contaminated soil and groundwater on or near the subject property. The screening involves a two tiered approach to assessing VEC risk as described below.

### 12.1 VES Tier I

#### 12.1.1 Search Distance Test/Chemicals of Concern Test

The search distance test is conducted in conjunction with the Phase I ESA using ASTM E1527 and involves a review of the regulatory database report and available historical records to make a determination if any *known or suspect potentially contaminated* properties exist within the Area of Concern (AOC). High risk sites are typically current and former gas stations, former and current dry cleaners, manufactured gas plants, and industrial sites (Brownfields). The AOC is defined by the approximate minimum search distance of 1/3-mile surrounding the target property or 1/10-mile for petroleum hydrocarbon products. Note: the default AOC may be expanded or reduced by AEC using experience and professional judgement based on consideration of groundwater flow direction, subsurface characteristics, surficial features and/or man-made features.

If no known or potentially contaminated sites with Contaminants of Concern (COCs) exist within the AOC, a VEC does not exist and no further inquiry is necessary. If the contamination is evident at the known site, or the potentially contaminated site within the AOC consists of COCs, then a Vapor Encroachment Condition (VEC) exists and Tier II is recommended.

### 12.2 VES Tier II

#### 12.2.1 Data Collection

Tier II applies numeric screening criteria to existing or newly collected soil, soil gas, and/or groundwater testing results to provide greater certainty to whether or not a VEC exists using non-invasive and invasive data collection. The non-invasive investigation includes review of available regulatory files to identify the source of contamination and the migration pathway of the COC. If this information is not accessible, invasive data collection can be conducted and may include sampling of soil, soil gas, and/or groundwater on the target property, target property boundary, and/or offsite.

#### 12.2.2 Plume Test

The Plume Test assesses whether or not a plume is close enough to the property to result in a VEC using information obtained from non-invasive data collection.

1. Critical Distance Determination – Determine lineal distance from property to edge of plume in any direction (vertical, horizontal, lateral).
2. VEC exists if a plume of volatile organic compounds (VOCs), semi-volatile organic compounds (S-VOCs), or Volatile Inorganic compounds or free petroleum product accumulating above water table within 100-feet of the property or if a plume of dissolved volatile petroleum hydrocarbons within 30-feet of the property.

*It is the opinion of AEC that a Vapor Encroachment Condition does not exist.*

## **13.0 USER PROVIDED INFORMATION**

Specific information provided by the User is discussed below.

### **13.1 Title Records**

A chain-of-title report was provided to AEC for review.

### **13.2 Environmental Liens or Activity and Use Limitations**

No information pertaining to environmental liens or activity/use limitations filed against the Property was provided by the User or identified by AEC during this assessment.

### **13.3 Specialized Knowledge**

The User has provided no historical investigation reports pertaining to the Property and/or the area around the Property.

### **13.4 Valuation Reduction for Environmental Issues**

No information pertaining to Property valuation was provided by the User.



## 14.0 FINDINGS AND CONCLUSION

On behalf of Mr. Tom Dee of RGF Properties, LLC, Advanced Environmental Concepts, Inc. (AEC) conducted a Phase I Environmental Site Assessment (ESA) during June 2021 on a 12.63-acre undeveloped property having street addresses of 9700, 9850, and 9916 Camino Media, Bakersfield, California. The property is described as three Kern County Assessor's Parcel Numbers (APNs) of 390-300-28 (1.41-ac), -29 (5.28-ac), and -30 (5.94-ac) and is within the East Half of the Southeast Quarter of Section 6; Township 30 South, Range 27 East of the Mount Diablo Base & Meridian (MDB&M).

The subject mass-graded undeveloped property is bordered to the south by asphalt-paved Camino Media which will also provide the primary access to the site. The eastern adjoining property consists of a similar mass-graded undeveloped lot while the northern and majority of the western boundaries are formed by an asphalt-paved parking lot that is associated with the former State Farm office campus that is now occupied by California Resources Corporation (CRC), a large oil exploration & development company. There is a stand of eucalyptus trees in the smaller triangular-shaped southwest portion of the site and the larger eastern rectangular-shaped open portion is devoid of trees with the exception of along the boundaries. A north trending concrete-paved drive separates these two areas.

The ESA process under ASTM Standard 1527 was created to identify *recognized environmental conditions* (RECs) which present a material risk of harm to public health or the environment and generally be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. The ESA process additionally identifies *controlled recognized environmental conditions*, which are specified under ASTM Standard 1527 as a REC resulting from a past release that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances allowed to remain in place subject to institutional controls; and/or *historical recognized environmental conditions*, i.e. conditions which may have presented a material risk to public health and/or the environment but have now been mitigated to the satisfaction of a regulatory agency at the subject property. The descriptive term "recognized environmental condition" means the presence, or likely presence, of any hazardous substances or petroleum products in, at, or on a property due to any release to the environment; under conditions that indicate an existing release, a past release, or a material threat of a release to the environment. In addition, AEC will identify non-ASTM conditions which are considered *de minimis* and generally do not present a material risk of harm to public health or the environment and would not be the subject of an enforcement action if brought to the attention of an appropriate governmental agency.

The results of this investigation have identified no *de minimis conditions*, no *recognized environmental conditions (REC)*, no *controlled recognized environmental conditions*, no *historical recognized environmental conditions*, and no *offsite recognized environmental conditions*.

AEC has conducted this Phase I Environmental Site Assessment at 9700, 9850, and 9916 Camino Media, Bakersfield, California (the Property) in conformance with the scope and limitations of ASTM Standard E1527-13. Any exceptions to, or deletions from this practice are described in Section 5.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property. Therefore, based on the results of our assessment, AEC recommends that no further action is warranted.

## 15.0 REFERENCES

- 1) Kern County Assessor's Office; 1115 Truxtun Avenue; Bakersfield, California 93301; (661) 861-2311.
- 2) Geologic Map of California; State of California Resources Agency, Department of Conservation, Division of Mines and Geology.
- 3) United States Geological Survey - 7.5 Series Topographic Quadrangle Map Publications (Buena Vista Lake, Bakersfield West, Gosford, and Stevens Quadrangle, 7.5-, 15-, and 30-Minute Series).
- 4) Kern County Water Agency; 3200 Rio Mirada Drive; Bakersfield, California 93308; (661) 393-6200.
- 5) Pacific Gas and Electric Company; 1918 "H" Street; Bakersfield, California 93301; (661) 324-3981.
- 6) Wetlands Law Tests Government Plan; Gregor I. McGregor, Esq.; Environmental Protection Volume 3, Number 9 - November 1992; Stevens Publishing Corporation; 225 North New Road; Waco, Texas 76710; (817) 776-9000.
- 7) California Statewide Radon Survey Screening Results; State of California Department of Health Services; 601 North 7th Street; Sacramento, California 95814; (916) 322-2040.
- 8) United States Department of Housing and Urban Development (HUD); 1615 West Olympic Boulevard; Los Angeles, California; (213) 251-7001.
- 9) Environmental Data Resources, Inc. (EDR); 6 Armstrong Road, Shelton, Connecticut 06484; (203) 783-0300.
- 10) Kern County Agriculture Department & Commissioner; 1001 South Mount Vernon Avenue; Bakersfield, California 93307; (661) 868-6300.
- 11) City of Bakersfield Building Inspection & Permit Department; 1715 Chester Avenue; Bakersfield, California 93301; (661) 326-3727.
- 13) City of Bakersfield Fire Department - Hazardous Materials Division; 2101 H Street, Bakersfield, California 93301; (661) 326-3911.
- 13) Kern County Environmental Health Services Department; 2700 "M" Street; Bakersfield, California 93301; (661) 862-8700.
- 14) San Joaquin Valley Air Pollution Control District; Southern Region; 34946 Flyover Court, Bakersfield, California 93308; (661) 392-5500.
- 15) State of California Department of Conservation – Geologic Energy Management Division; 4800 Stockdale Highway; Bakersfield, California 93309; (661) 322-4031.
- 16) Central Valley Regional Water Quality Control Board; 1685 E Street, Suite 200; Fresno, California 93706; (559) 445-5116.
- 17) Department of Toxic Substances Control; (800) 728-6942; <http://www.envirostor.dtsc.ca.gov/public/>
- 18) Office of the State Fire Marshal Pipeline Safety Division; P.O. Box 944246 Sacramento, California 94244-2460; (916) 445-8477.

## 16.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

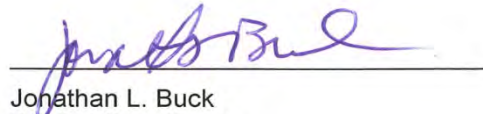
Advanced Environmental Concepts, Inc. appreciates the opportunity to provide our professional assistance to Mr. Tom Dee and RGF Properties, LLC on this project. If you have any questions regarding this assessment or if AEC can be of further service, please call us at (661) 395-1646.

In addition, I declare to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 Code of Federal Regulations (CFR) 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject site. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

Sincerely,

**Advanced Environmental Concepts, Inc.**

This report was prepared by:



Jonathan L. Buck  
Principal Geologist

9700, 9850, and 9916 Camino Media



## 17.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

**AEC** staff is composed of three primary environmental professional that performs Phase I Environmental Site Assessments on a routine basis. Qualifications profile for this individual is provided in the following section.

### **Jonathan L. Buck**

Mr. Buck received a Bachelor of Science degree in Geology from the University of California, Santa Barbara, in 1981 and was professionally engaged in the petroleum industry in various capacities through 1985. Mr. Buck joined the environmental industry in 1985 and formed **Advanced Environmental Concepts Inc.** in 1989. Since its inception, **AEC** has been a full service environmental consulting firm specializing in Phase I Environmental Site Assessments, UST programs, and soil and groundwater assessment and cleanup programs. Mr. Buck is a State of California Registered Geologist (#7468) and has performed numerous ESAs on diverse properties throughout California, Arizona, Oregon, and Washington.

### **April J. Saceaux**

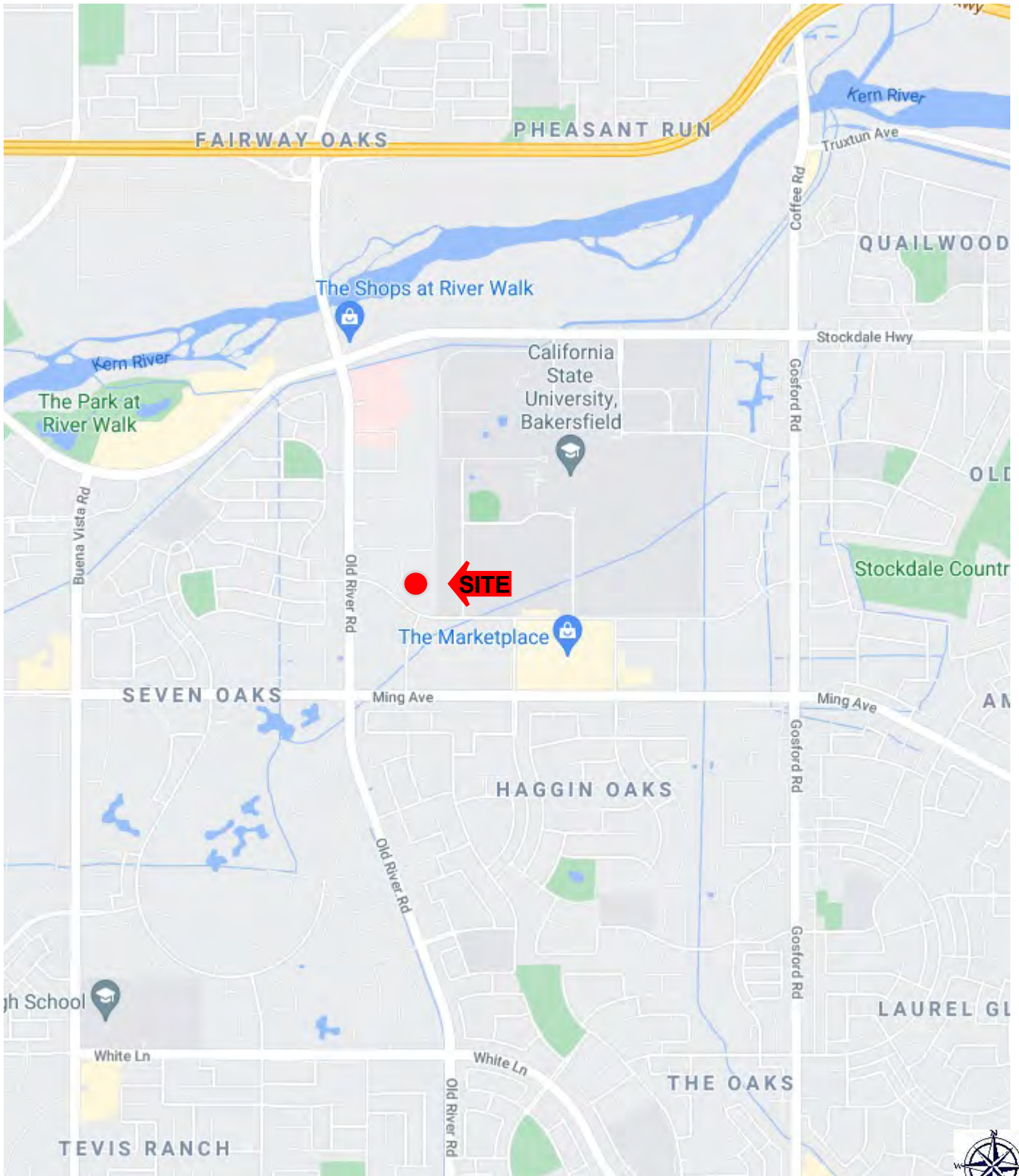
Ms. Saceaux joined AEC in June 2008 and is in her thirteenth year as a Project Manager preparing Environmental Site Assessments under the direct supervision of a California Registered Geologist.

### **Anthony R. Buck**

Anthony Buck has two years of experience as a Project Manager under the direct supervision of a California Registered Geologist. His environmental industry experience entails soil and groundwater characterization studies, removal of soils impacted with petroleum hydrocarbons, groundwater monitoring well construction, sampling and analysis as well as conducting Phase I Environmental Site Assessments.

Appendix A

**FIGURES AND SITE PHOTOGRAPHS**



**AEC**  
 -ADVANCED ENVIRONMENTAL CONCEPTS INC-  
 220 East Truxtun Avenue  
 Bakersfield, California 93305  
 (661) 395-1646

**Site Location Map**

**12.63-acre Undeveloped Property  
 9700, 9850, and 9916 Camino Media  
 County of Kern • Bakersfield, California**

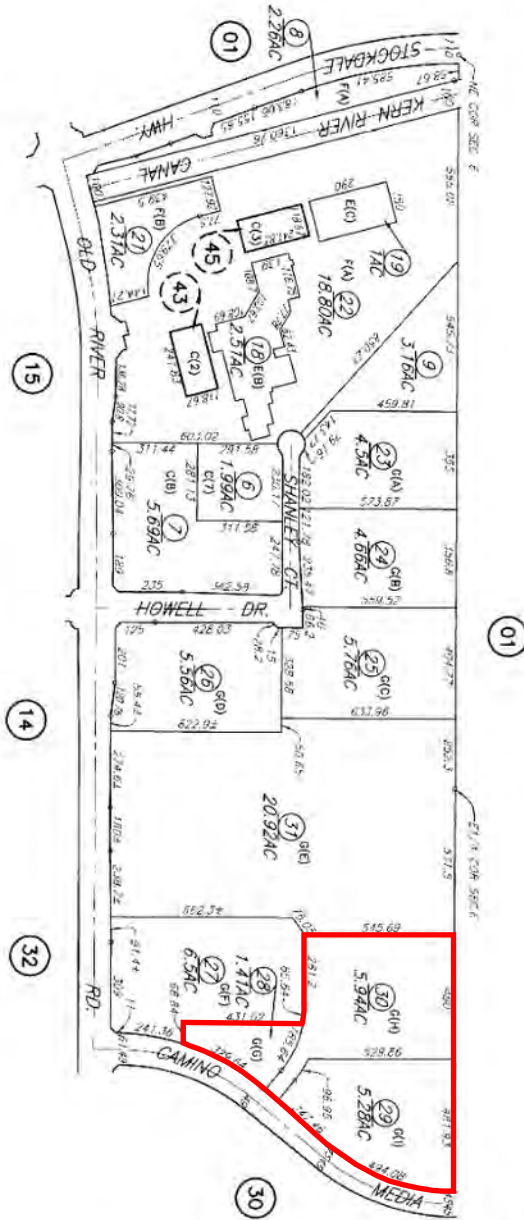
**FIGURE**

**1**

390-30

PTN. NE 1/4 SEC. 6 T.30S. R.27E.

390-30



LEGEND		DISCLAIMER	
<b>REVISED</b>	DATE	BY	REASON
1	09/25	...	...
2	10/11	...	...
3	11/11	...	...
4	12/11	...	...
5	01/12	...	...
6	02/12	...	...
7	03/12	...	...
8	04/12	...	...
9	05/12	...	...
10	06/12	...	...
11	07/12	...	...
12	08/12	...	...
13	09/12	...	...
14	10/12	...	...
15	11/12	...	...
16	12/12	...	...
17	01/13	...	...
18	02/13	...	...
19	03/13	...	...
20	04/13	...	...
21	05/13	...	...
22	06/13	...	...
23	07/13	...	...
24	08/13	...	...
25	09/13	...	...
26	10/13	...	...
27	11/13	...	...
28	12/13	...	...
29	01/14	...	...
30	02/14	...	...
31	03/14	...	...
32	04/14	...	...
33	05/14	...	...
34	06/14	...	...
35	07/14	...	...
36	08/14	...	...
37	09/14	...	...
38	10/14	...	...
39	11/14	...	...
40	12/14	...	...
41	01/15	...	...
42	02/15	...	...
43	03/15	...	...
44	04/15	...	...
45	05/15	...	...
46	06/15	...	...
47	07/15	...	...
48	08/15	...	...
49	09/15	...	...
50	10/15	...	...
51	11/15	...	...
52	12/15	...	...
53	01/16	...	...
54	02/16	...	...
55	03/16	...	...
56	04/16	...	...
57	05/16	...	...
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59	07/16	...	...
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66	02/17	...	...
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78	02/18	...	...
79	03/18	...	...
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81	05/18	...	...
82	06/18	...	...
83	07/18	...	...
84	08/18	...	...
85	09/18	...	...
86	10/18	...	...
87	11/18	...	...
88	12/18	...	...
89	01/19	...	...
90	02/19	...	...
91	03/19	...	...
92	04/19	...	...
93	05/19	...	...
94	06/19	...	...
95	07/19	...	...
96	08/19	...	...
97	09/19	...	...
98	10/19	...	...
99	11/19	...	...
100	12/19	...	...

ASSESSORS MAP NO. 390-30  
COUNTY OF KERN

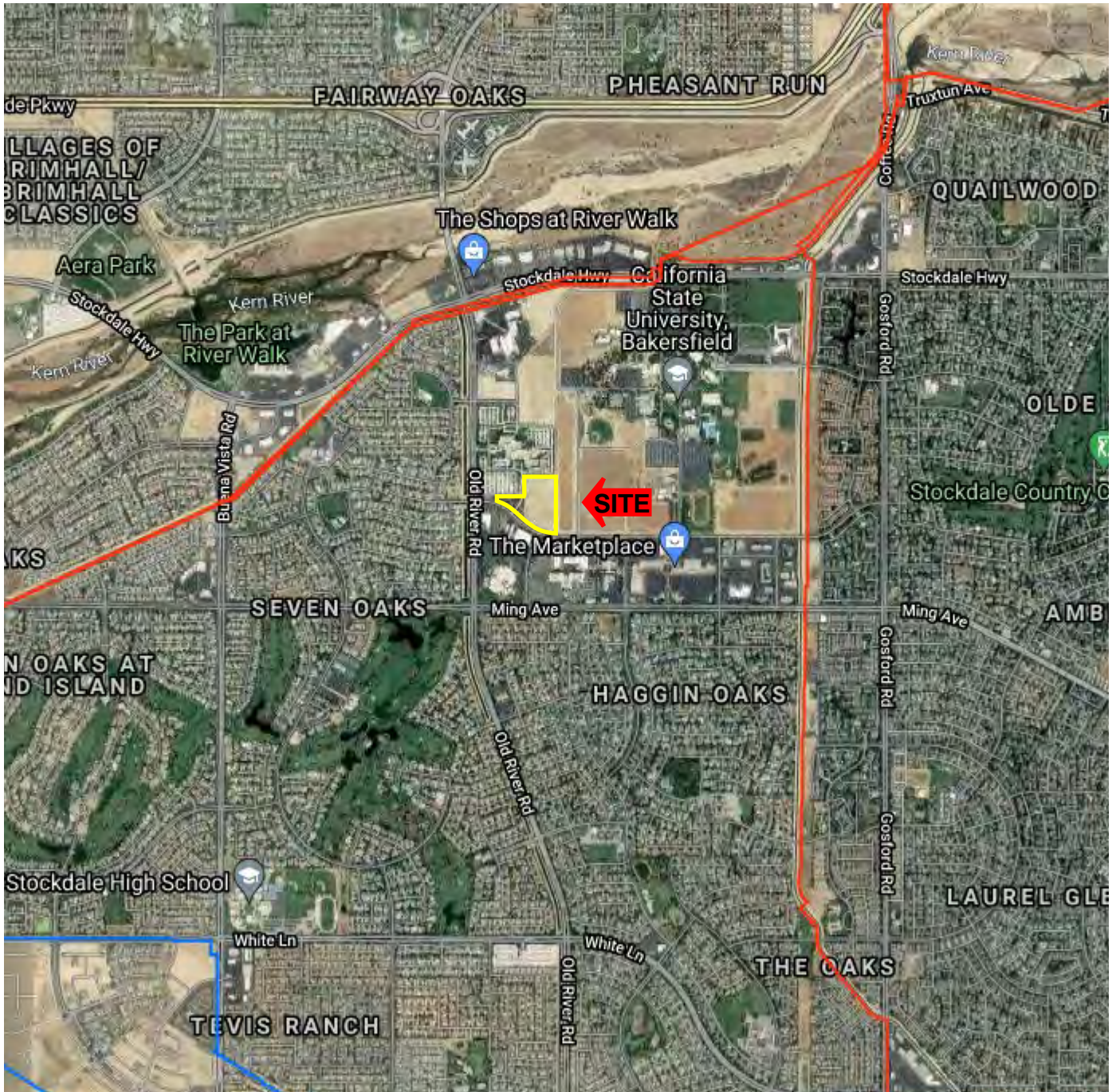
220 East Truxtun Avenue  
Bakersfield, California 93305  
(661) 395-1646

**Assessor's Parcel Map**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**  
**2**







**Legend**

- Gas Transmission Pipelines
- Hazardous Liquid Pipelines
- Subject Property



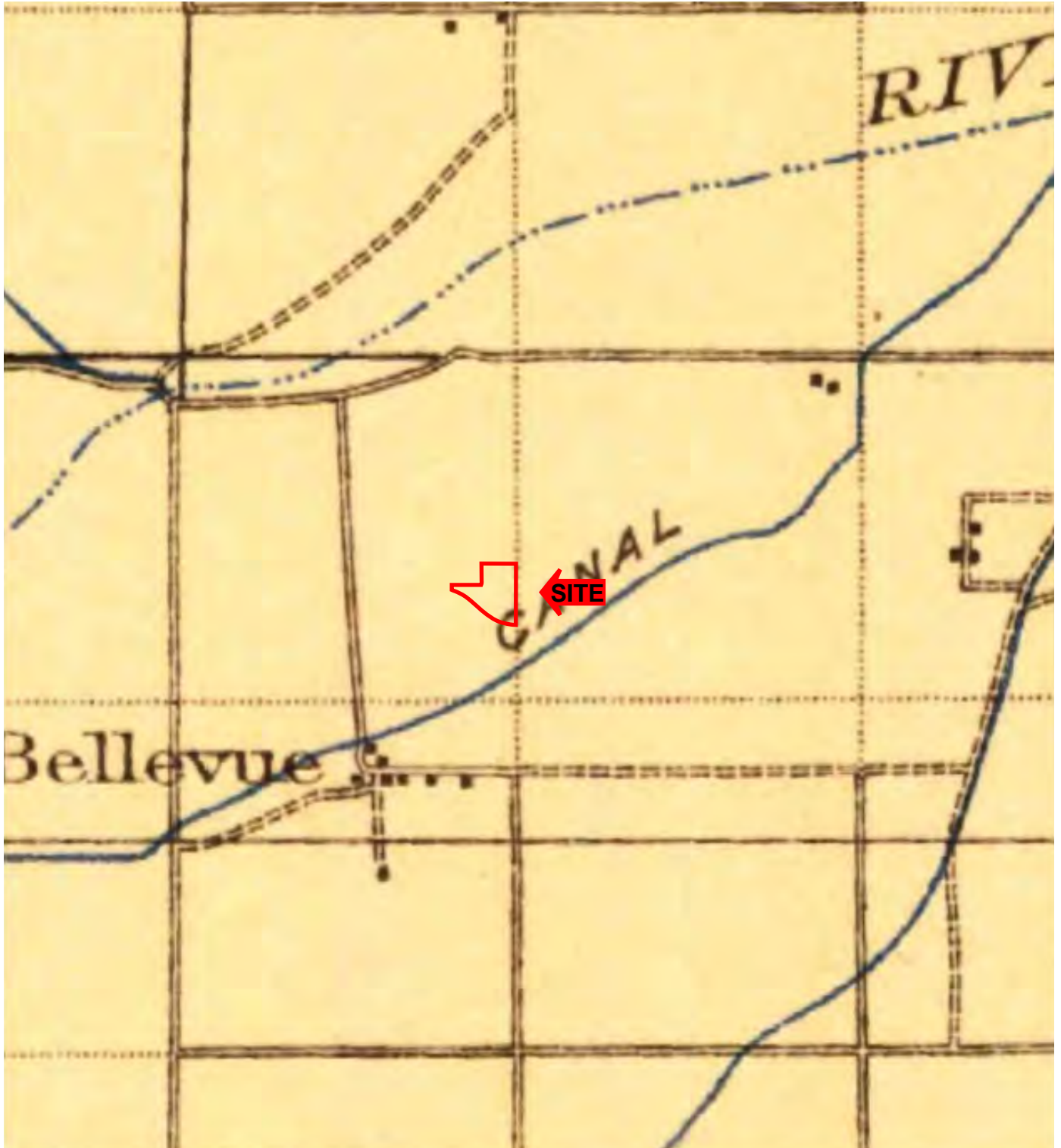
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 Bakersfield, California 93305  
 (661) 395-1646

**National Pipeline Map**

**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**

**4**



Scale: 1" = 10,416'    Quadrangle: Buena Vista Lake

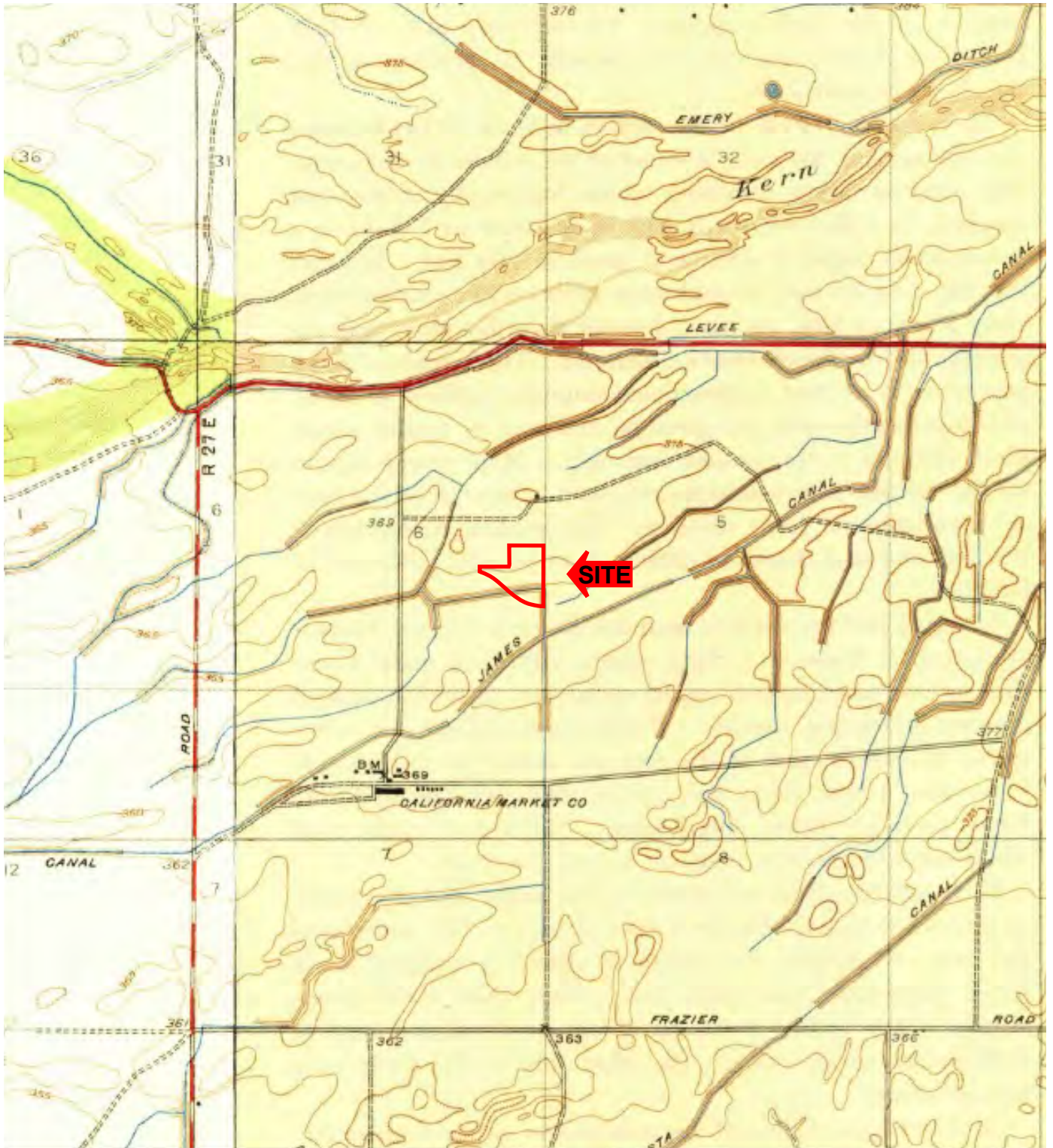


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220 East Truxtun Avenue  
Bakersfield, California 93305  
(661) 395-1646

**1910 Topographic Map**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**

**5**



Scale: 1" = 2,640'

Quadrangle: Gosford/Stevens

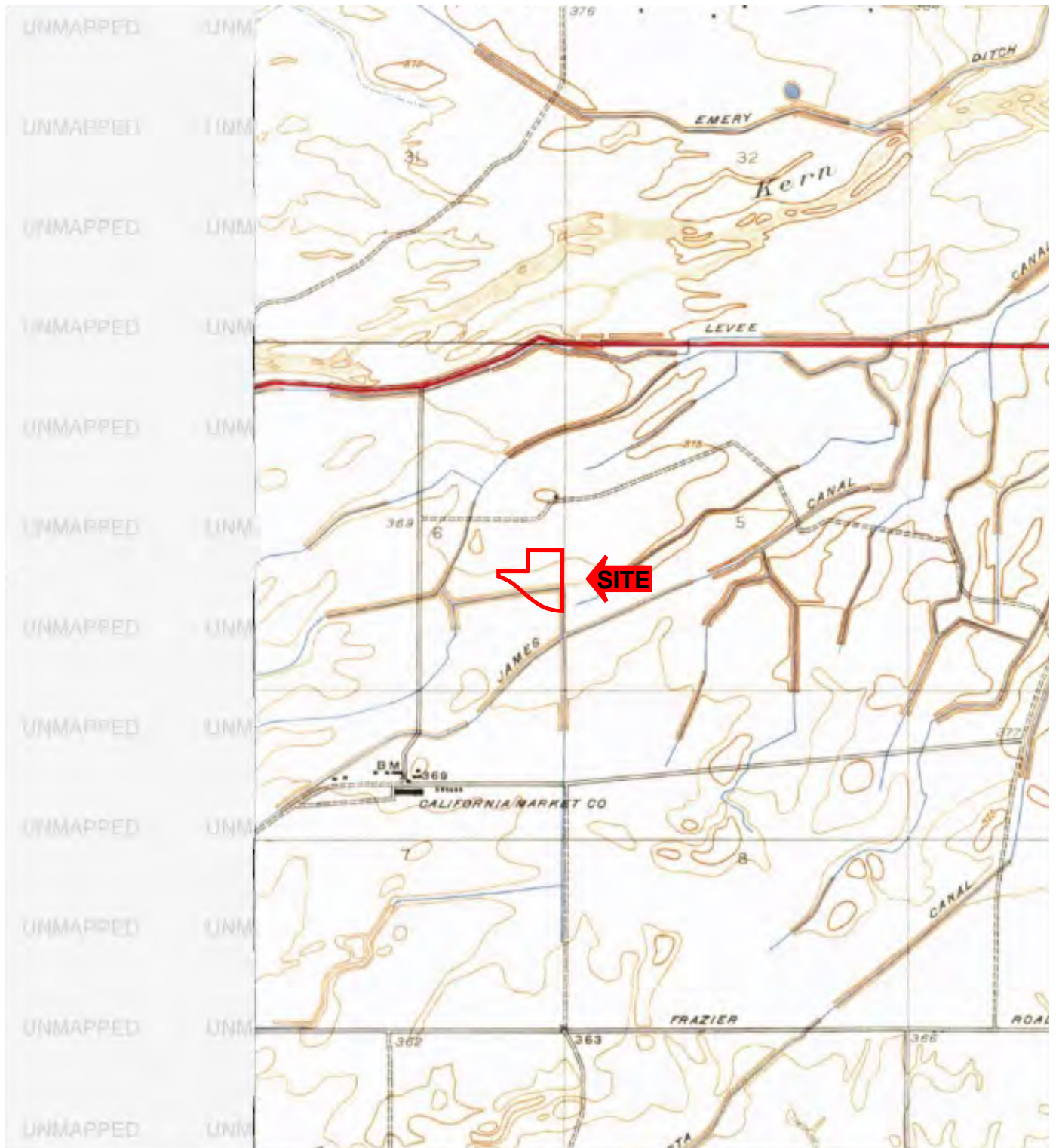


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 (661) 395-1646

**1932 Topographic Map**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**

**6**



Scale: 1" = 2,640'      Quadrangle: Gosford

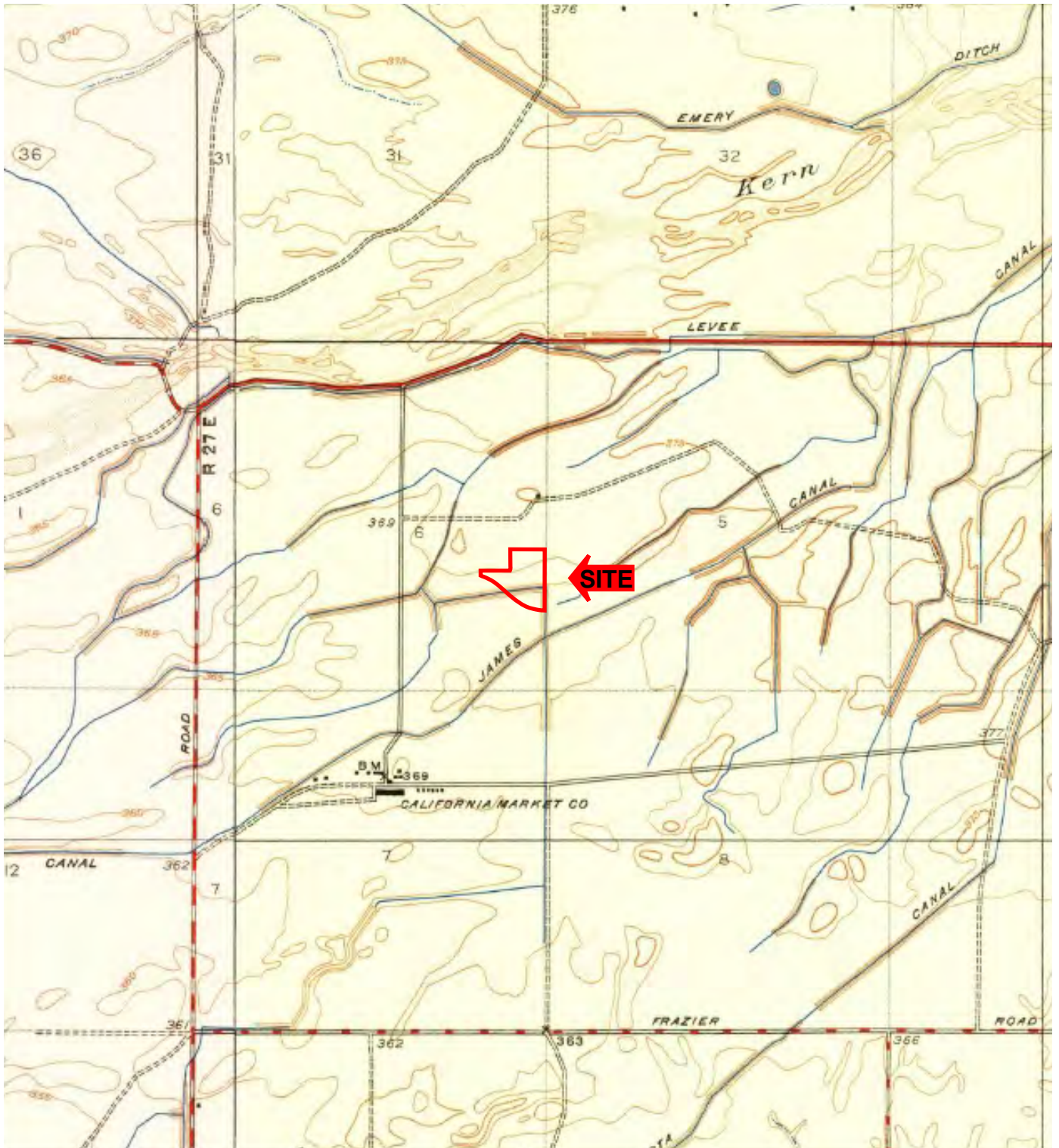


**AEC**  
 -ADVANCED ENVIRONMENTAL CONCEPTS INC-  
 220 East Truxtun Avenue  
 Bakersfield, California 93305  
 (661) 395-1646

**1941 Topographic Map**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**

**7**



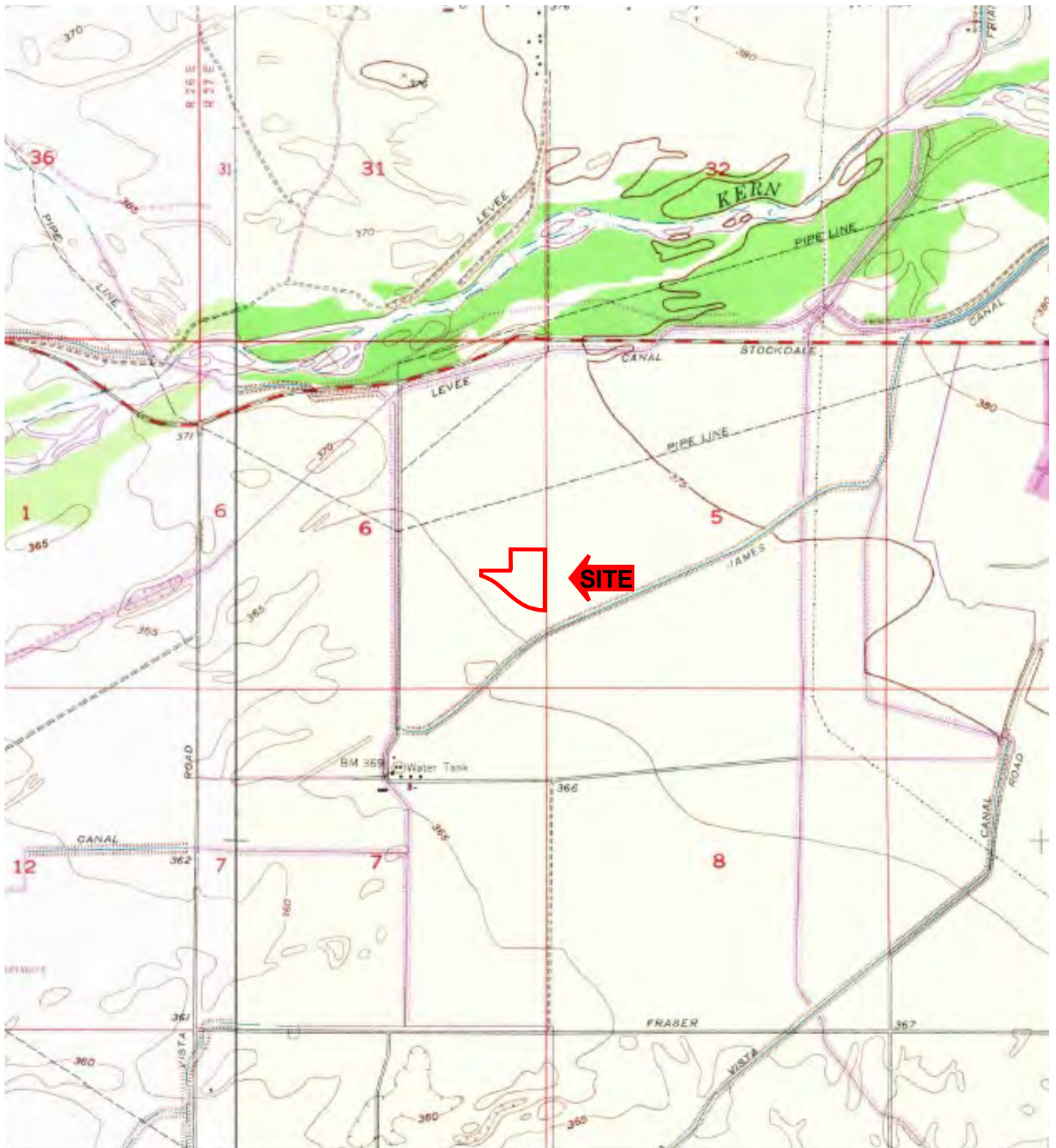
Scale: 1" = 2,000'      Quadrangle: Gosford/Stevens

**AEC**  
 -ADVANCED ENVIRONMENTAL CONCEPTS INC-  
 220 East Truxtun Avenue  
 Bakersfield, California 93305  
 (661) 395-1646

**1950 Topographic Map**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**

**8**



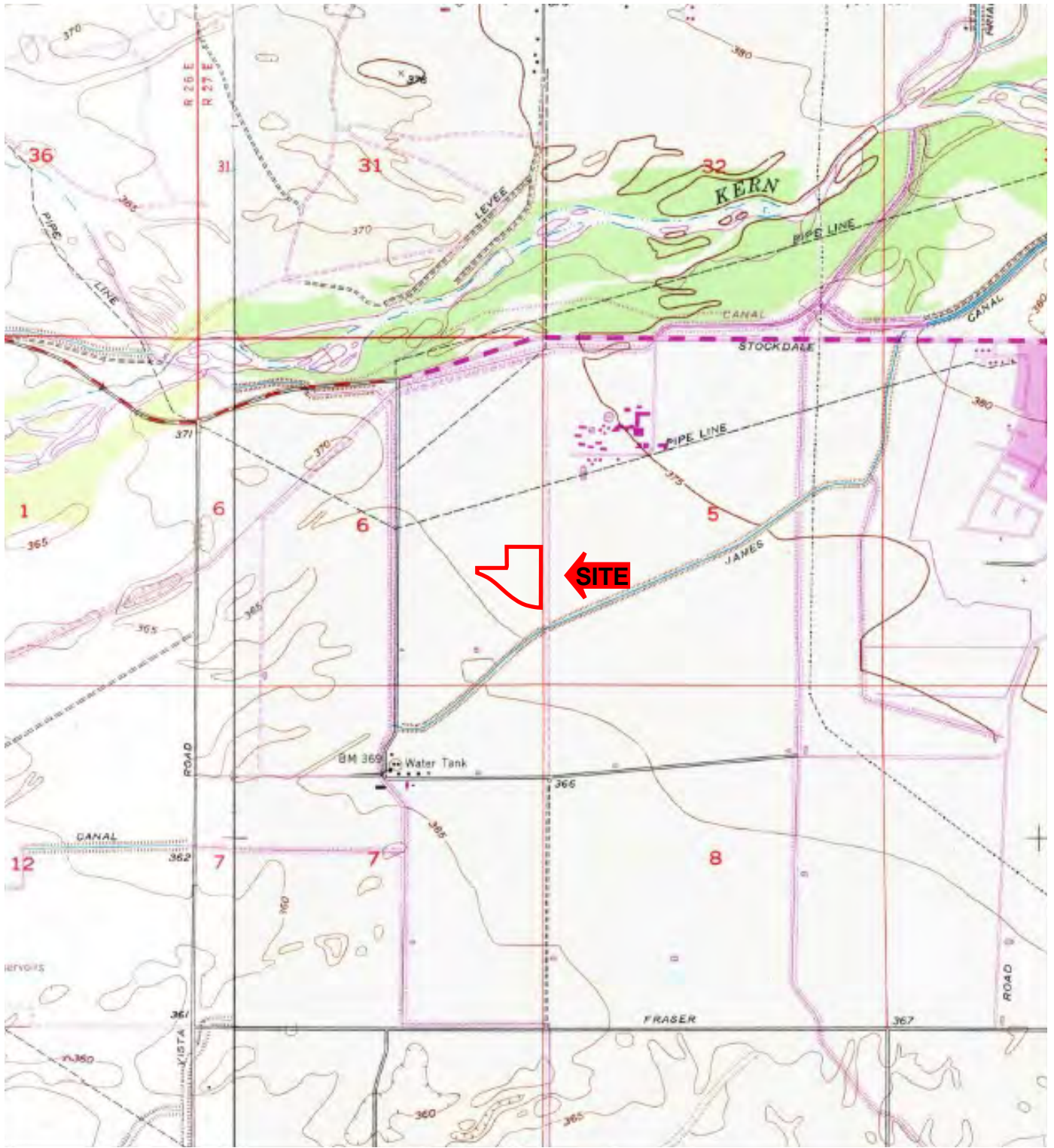
Scale: 1" = 2,000'      Quadrangle: Gosford/Stevens



**AEC**  
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 220 East Truxtun Avenue  
 Bakersfield, California 93305  
 (661) 395-1646

**1968 Topographic Map**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**  
**9**



Scale: 1" = 2,000'      Quadrangle: Gosford/Stevens



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 Bakersfield, California 93305  
 (661) 395-1646

**1973 Topographic Map**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**  
**10**



Scale: 1" = 2,000'

Quadrangle: Gosford/Stevens



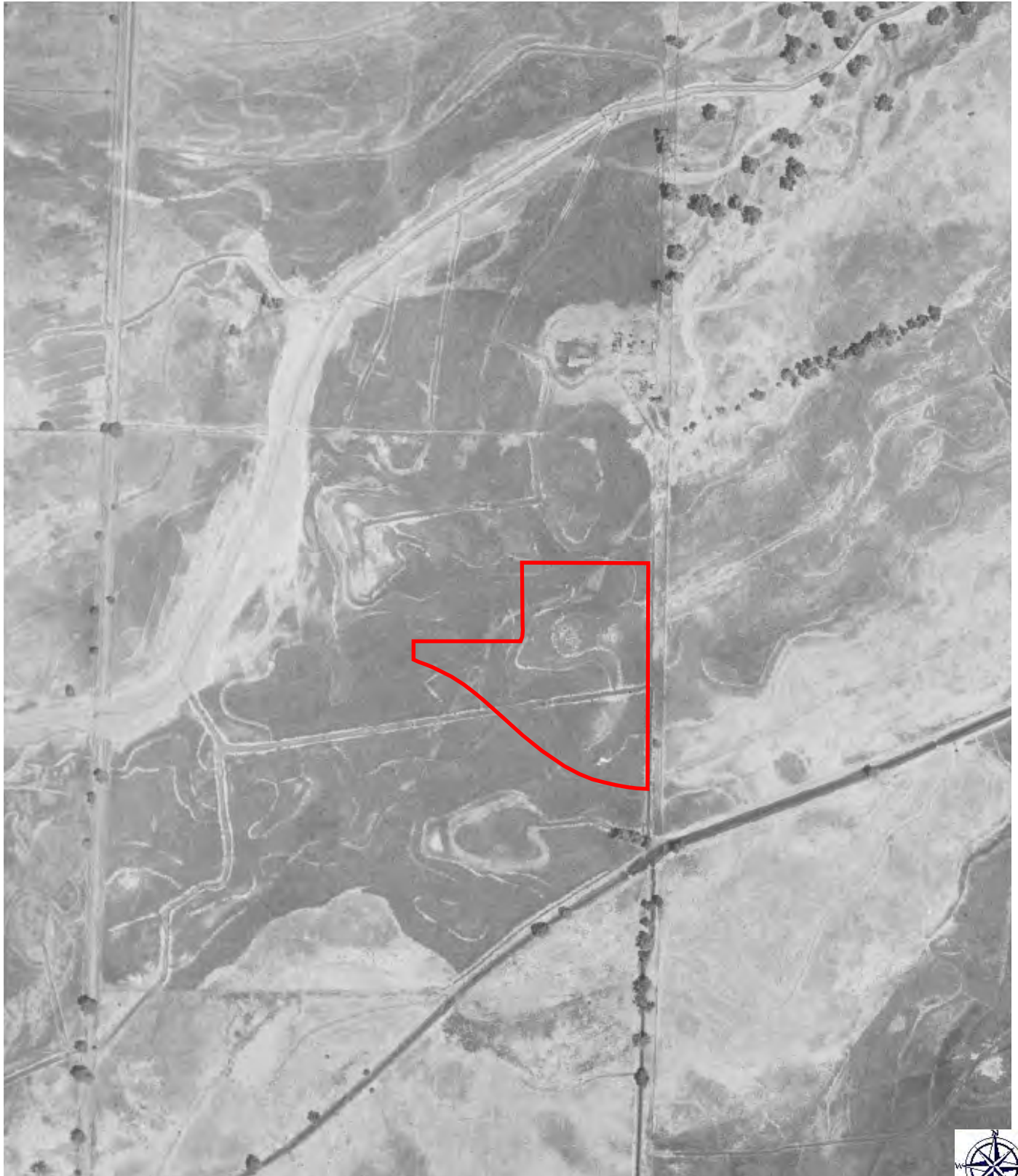
**AEC**  
 -ADVANCED ENVIRONMENTAL CONCEPTS INC-  
 220 East Truxtun Avenue  
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 (661) 395-1646

**2012 Topographic Map**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**

**11**





Scale: 1" = 605'

Source: USDA

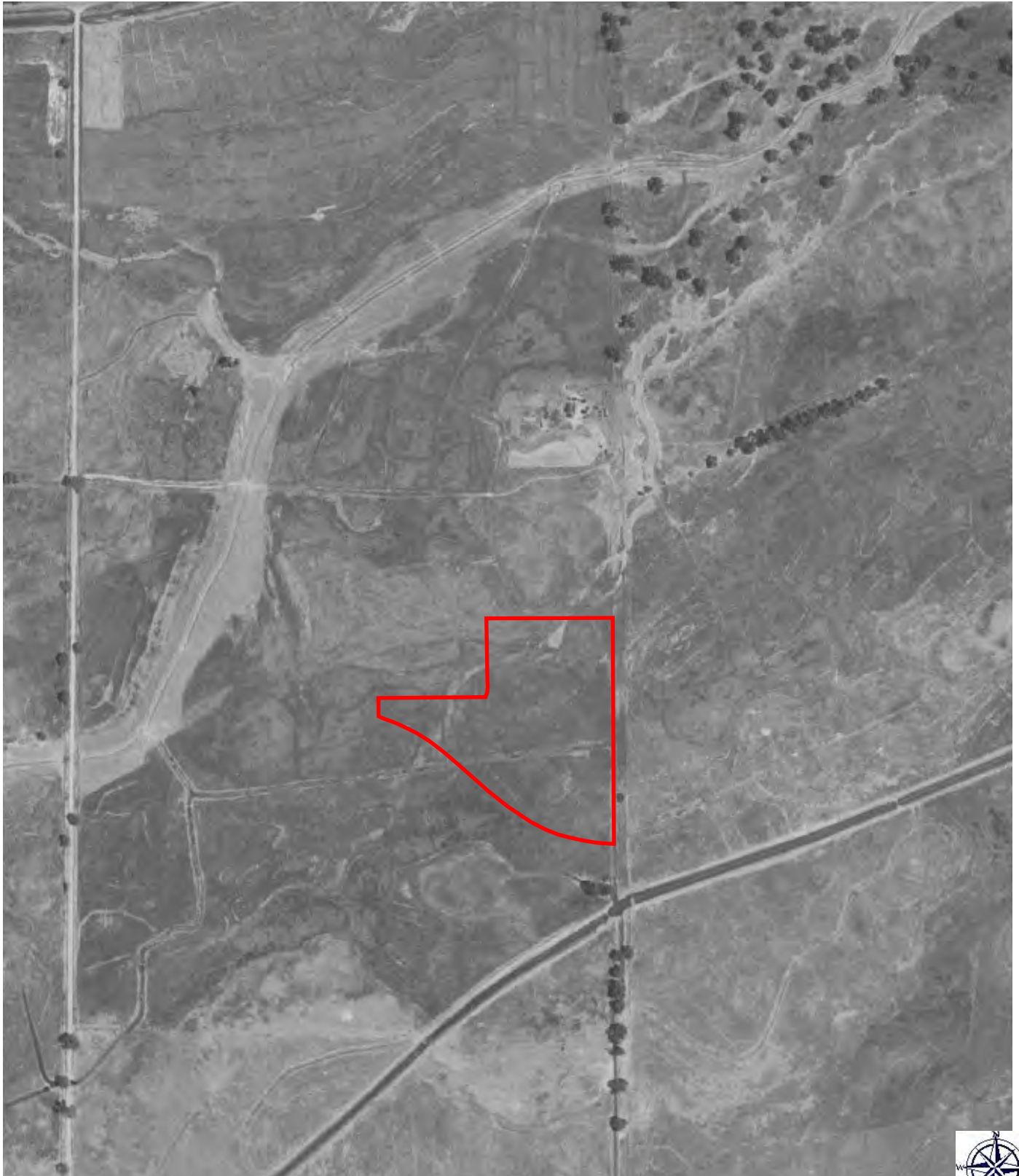


**AEC**  
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220 East Truxtun Avenue  
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**1937 Aerial Photograph**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**

**12**



Scale: 1" = 605'

Source: USDA



**AEC**  
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**1942 Aerial Photograph**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**

**13**



Scale: 1" = 585'

Source: USGS



**AEC**  
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(661) 395-1646

**1952 Aerial Photograph**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**

**14**



Scale: 1" = 585'

Source: USDA



**AEC**  
ADVANCED ENVIRONMENTAL CONCEPTS INC.  
220 East Truxtun Avenue  
Bakersfield, California 93305  
(661) 395-1646

**1956 Aerial Photograph**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**

**15**



Scale: 1" = 585'

Source: USGS



**AEC**  
ADVANCED ENVIRONMENTAL CONCEPTS INC.  
220 East Truxtun Avenue  
Bakersfield, California 93305  
(661) 395-1646

**1968 Aerial Photograph**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**

**16**



Scale: 1" = 585'

Source: USDA



**AEC**  
ADVANCED ENVIRONMENTAL CONCEPTS INC.  
220 East Truxtun Avenue  
Bakersfield, California 93305  
(661) 395-1646

**1973 Aerial Photograph**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**

**17**



Scale: 1" = 585'

Source: USDA

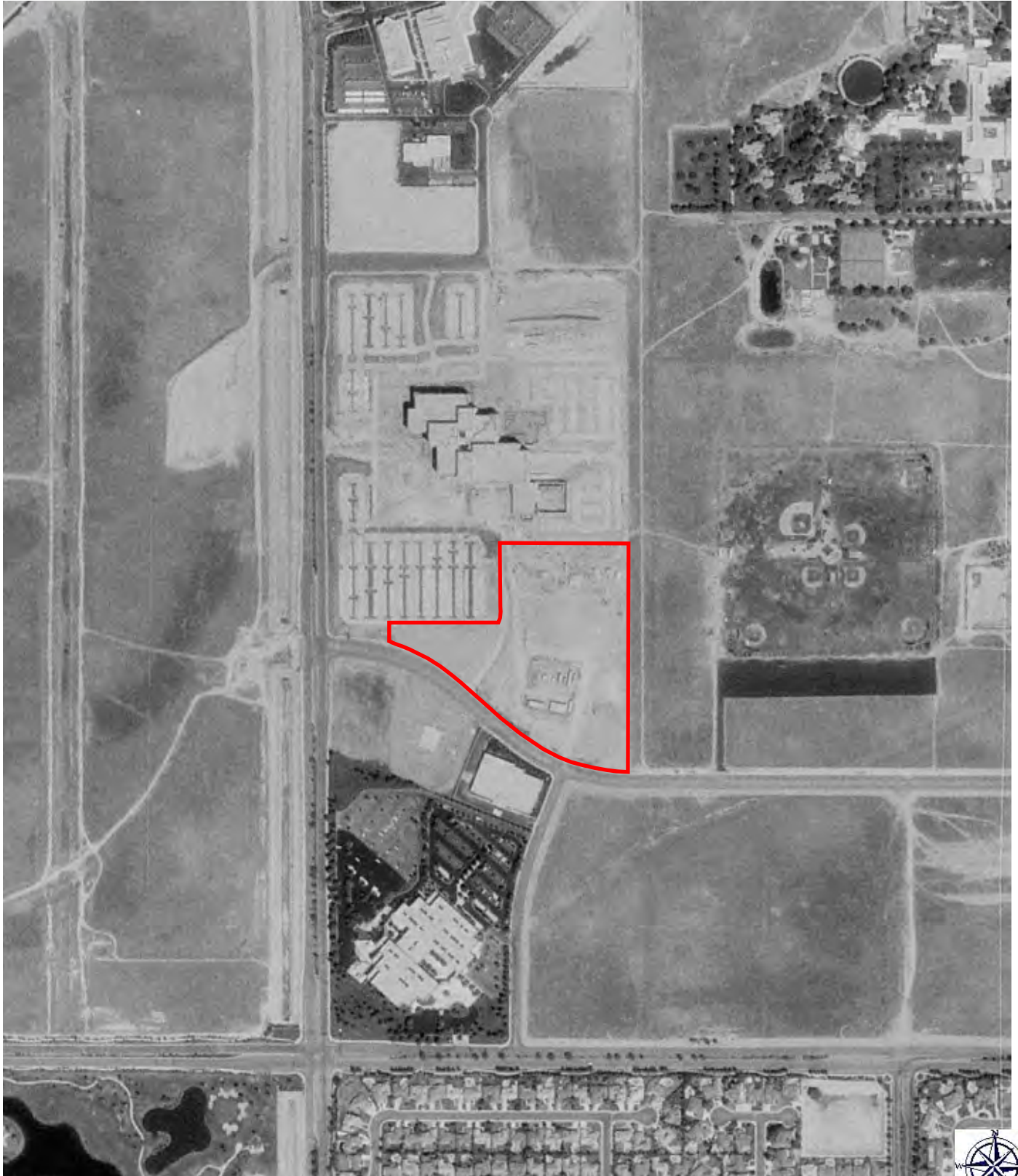


**AEC**  
ADVANCED ENVIRONMENTAL CONCEPTS INC.  
220 East Truxtun Avenue  
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(661) 395-1646

**1984 Aerial Photograph**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**

**18**



Scale: 1" = 585'

Source: Google



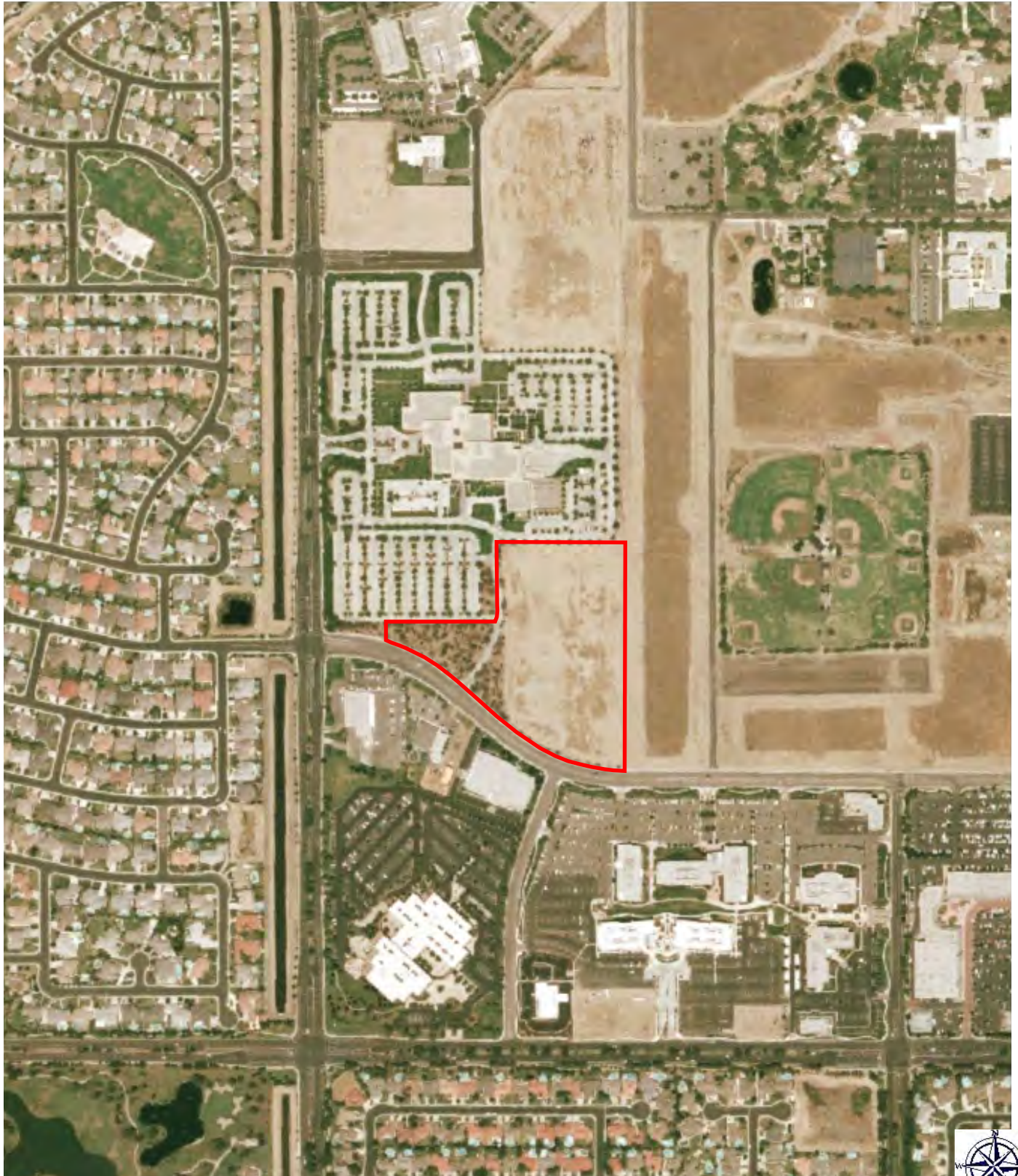
**AEC**  
ADVANCED ENVIRONMENTAL CONCEPTS INC.  
220 East Truxtun Avenue  
Bakersfield, California 93305  
(661) 395-1646

**1994 Aerial Photograph**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**

**19**





Scale: 1" = 585'

Source: USDA/NAIP



**AEC**  
 -ADVANCED ENVIRONMENTAL CONCEPTS INC -  
 220 East Truxtun Avenue  
 Bakersfield, California 93305  
 (661) 395-1646

**2006 Aerial Photograph**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**

**20**



Scale: 1" = 585'

Source: USDA/NAIP



**AEC**  
 -ADVANCED ENVIRONMENTAL CONCEPTS INC-  
 220 East Truxtun Avenue  
 Bakersfield, California 93305  
 (661) 395-1646

**2012 Aerial Photograph**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**

**21**



Scale: 1" = 175' Source: Google

**AEC**  
ADVANCED ENVIRONMENTAL CONCEPTS INC.  
220 East Truxtun Avenue  
Bakersfield, California 93305  
(661) 395-1646

**2020 Aerial Photograph**  
**12.63-acre Undeveloped Property**  
**9700, 9850, and 9916 Camino Media**  
**County of Kern • Bakersfield, California**

**FIGURE**  
**22**

9700, 9850, and 9916 Camino Media  
June 18, 2021

1. Typical view east across the western portion of the subject property.



2. Typical view of the stormwater collection system along the north side of the west portion of the subject property.



9700, 9850, and 9916 Camino Media  
June 18, 2021

3. View north along the bisecting road in the west portion of the subject property.



4. View south along the west boundary of the undeveloped lot that is in the eastern portion of the subject property.



9700, 9850, and 9916 Camino Media  
June 18, 2021

5. View east along the north boundary from the northwest corner of the undeveloped lot.



6. View southwest across the subject undeveloped lot.



9700, 9850, and 9916 Camino Media  
June 18, 2021

7. View north along the east boundary from the southeast corner of the subject property.



8. View west along the south boundary from the southeast corner of the subject property.



9700, 9850, and 9916 Camino Media  
June 18, 2021

9. View north across the field that is at the southwest corner of the undeveloped lot.





Appendix B

**EDR ENVIRONMENTAL DATABASE SURVEY**

**9700, 9850, and 9916 Camino Media**

9700, 9850, and 9916 Camino Media  
Bakersfield, CA 93311

Inquiry Number: 6540005.2s

June 16, 2021

# The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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***Thank you for your business.***  
 Please contact EDR at 1-800-352-0050  
 with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

9700, 9850, AND 9916 CAMINO MEDIA  
BAKERSFIELD, CA 93311

#### COORDINATES

Latitude (North): 35.3444230 - 35° 20' 39.92"  
Longitude (West): 119.1108350 - 119° 6' 39.00"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 308174.5  
UTM Y (Meters): 3913085.5  
Elevation: 374 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5639816 GOSFORD, CA  
Version Date: 2012  
  
Southwest Map: 5639511 STEVENS, CA  
Version Date: 2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140617  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
 9700, 9850, AND 9916 CAMINO MEDIA  
 BAKERSFIELD, CA 93311

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">1</a>	PETRO-LUD-SMITH	T30S R28E SEC 14	CUPA Listings	Lower	314, 0.059, WSW
<a href="#">2</a>	CHEVRON CORPORATION	9525 CAMINO MEDIA	EDR Hist Auto	Higher	493, 0.093, SE
<a href="#">A3</a>		900 OLD RIVER RD	AST	Higher	974, 0.184, NW
<a href="#">A4</a>	STATE FARM MUTUAL AU	900 OLD RIVER RD	CERS TANKS, EMI, CERS	Higher	974, 0.184, NW
<a href="#">A5</a>	STATE FARM MUTUAL AU	900 OLD RIVER RD	AST	Higher	974, 0.184, NW
<a href="#">A6</a>	CALIFORNIA RESOURCES	900 OLD RIVER RD	RCRA NonGen / NLR, FINDS, ECHO	Higher	974, 0.184, NW
<a href="#">7</a>	CASTLE & COOKE	TRACT 5426, CLADHAM	CPS-SLIC, CERS	Higher	1693, 0.321, NW

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

## DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System

## EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROLS..... Institutional Controls Sites List

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State- and tribal - equivalent NPL***

RESPONSE..... State Response Sites

### ***State- and tribal - equivalent CERCLIS***

ENVIROSTOR..... EnviroStor Database

### ***State and tribal landfill and/or solid waste disposal site lists***

SWF/LF..... Solid Waste Information System

### ***State and tribal leaking storage tank lists***

LUST..... Geotracker's Leaking Underground Fuel Tank Report  
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### ***State and tribal registered storage tank lists***

FEMA UST..... Underground Storage Tank Listing  
UST..... Active UST Facilities  
INDIAN UST..... Underground Storage Tanks on Indian Land

### ***State and tribal voluntary cleanup sites***

VCP..... Voluntary Cleanup Program Properties  
INDIAN VCP..... Voluntary Cleanup Priority Listing

### ***State and tribal Brownfields sites***

BROWNFIELDS..... Considered Brownfields Sites Listing

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

WMUDS/SWAT..... Waste Management Unit Database  
SWRCY..... Recycler Database  
HAULERS..... Registered Waste Tire Haulers Listing  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands  
ODI..... Open Dump Inventory  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
IHS OPEN DUMPS..... Open Dumps on Indian Land

## EXECUTIVE SUMMARY

### **Local Lists of Hazardous waste / Contaminated Sites**

US HIST CDL.....	Delisted National Clandestine Laboratory Register
HIST Cal-Sites.....	Historical Calsites Database
SCH.....	School Property Evaluation Program
CDL.....	Clandestine Drug Labs
Toxic Pits.....	Toxic Pits Cleanup Act Sites
CERS HAZ WASTE.....	CERS HAZ WASTE
US CDL.....	National Clandestine Laboratory Register
PFAS.....	PFAS Contamination Site Location Listing

### **Local Lists of Registered Storage Tanks**

SWEEPS UST.....	SWEEPS UST Listing
HIST UST.....	Hazardous Substance Storage Container Database
CA FID UST.....	Facility Inventory Database

### **Local Land Records**

LIENS.....	Environmental Liens Listing
LIENS 2.....	CERCLA Lien Information
DEED.....	Deed Restriction Listing

### **Records of Emergency Release Reports**

HMIRS.....	Hazardous Materials Information Reporting System
CHMIRS.....	California Hazardous Material Incident Report System
LDS.....	Land Disposal Sites Listing
MCS.....	Military Cleanup Sites Listing
SPILLS 90.....	SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database



## EXECUTIVE SUMMARY

RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
ECHO.....	Enforcement & Compliance History Information
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
DRYCLEANERS.....	Cleaner Facilities
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
ICE.....	ICE
HIST CORTESE.....	Hazardous Waste & Substance Site List
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
UIC.....	UIC Listing
UIC GEO.....	UIC GEO (GEOTRACKER)
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
WDR.....	Waste Discharge Requirements Listing
CIWQS.....	California Integrated Water Quality System
CERS.....	CERS
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
MINES MRDS.....	Mineral Resources Data System
HWTS.....	Hazardous Waste Tracking System

### **EDR HIGH RISK HISTORICAL RECORDS**

#### ***EDR Exclusive Records***

EDR MGP..... EDR Proprietary Manufactured Gas Plants

# EXECUTIVE SUMMARY

EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

## EDR RECOVERED GOVERNMENT ARCHIVES

### **Exclusive Recovered Govt. Archives**

RGA LF..... Recovered Government Archive Solid Waste Facilities List  
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

## SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

## STANDARD ENVIRONMENTAL RECORDS

### **State and tribal leaking storage tank lists**

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there is 1 CPS-SLIC site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CASTLE &amp; COOKE</b> Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Completed - Case Closed Global Id: SLT5FR921132	<b>TRACT 5426, CLADHAM</b>	<b>NW 1/4 - 1/2 (0.321 mi.)</b>	<b>7</b>	<b>23</b>

### **State and tribal registered storage tank lists**

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported Database: AST, Date of Government Version: 07/06/2016	900 OLD RIVER RD	NW 1/8 - 1/4 (0.184 mi.)	A3	9

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STATE FARM MUTUAL AU Database: AST, Date of Government Version: 07/06/2016	900 OLD RIVER RD	NW 1/8 - 1/4 (0.184 mi.)	A5	20

### ADDITIONAL ENVIRONMENTAL RECORDS

#### **Local Lists of Registered Storage Tanks**

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 01/20/2021 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>STATE FARM MUTUAL AU</b>	<b>900 OLD RIVER RD</b>	<b>NW 1/8 - 1/4 (0.184 mi.)</b>	<b>A4</b>	<b>10</b>

#### **Other Ascertainable Records**

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/22/2021 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CALIFORNIA RESOURCES</b> EPA ID:: CAR000066266	<b>900 OLD RIVER RD</b>	<b>NW 1/8 - 1/4 (0.184 mi.)</b>	<b>A6</b>	<b>20</b>

CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CUPA Listings list, as provided by EDR, has revealed that there is 1 CUPA Listings site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PETRO-LUD-SMITH Database: KERN CO CUPA, Date of Government Version: 10/29/2020	T30S R28E SEC 14	WSW 0 - 1/8 (0.059 mi.)	1	9

# EXECUTIVE SUMMARY

## EDR HIGH RISK HISTORICAL RECORDS

### ***EDR Exclusive Records***

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON CORPORATION	9525 CAMINO MEDIA	SE 0 - 1/8 (0.093 mi.)	2	9

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

Site Name

Database(s)

BAKERSFIELD LANDFILL  
VENTURA WEST INCORPORATED

CDL  
ODI  
ENVIROSTOR

# OVERVIEW MAP - 6540005.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

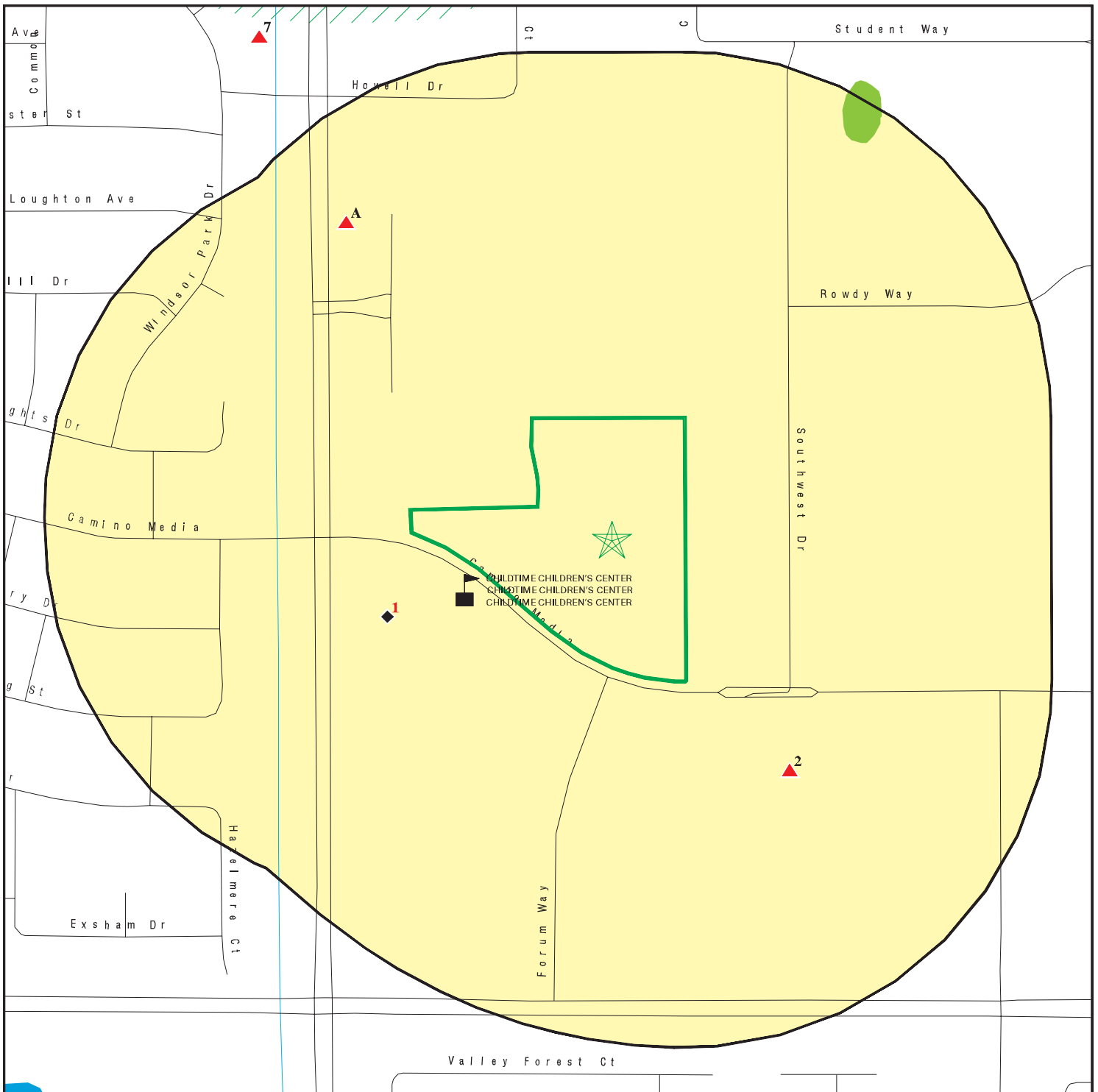









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.







SITE NAME: 9700, 9850, and 9916 Camino Media  
 ADDRESS: 9700, 9850, and 9916 Camino Media  
 Bakersfield CA 93311  
 LAT/LONG: 35.344423 / 119.110835

CLIENT: Advanced Env. Concepts  
 CONTACT: Vanessa Radsick  
 INQUIRY #: 6540005.2s  
 DATE: June 16, 2021 4:12 pm

# DETAIL MAP - 6540005.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands
-  Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

<p>SITE NAME: 9700, 9850, and 9916 Camino Media          ADDRESS: 9700, 9850, and 9916 Camino Media          Bakersfield CA 93311          LAT/LONG: 35.344423 / 119.110835</p>	<p>CLIENT: Advanced Env. Concepts          CONTACT: Vanessa Radsick          INQUIRY #: 6540005.2s          DATE: June 16, 2021 4:16 pm</p>
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## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL RESPONSE</i></b>								
RESPONSE	1.000		0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i></b>								
ENVIROSTOR	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	0	0	NR	NR	0



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	1	NR	NR	1
<b>State and tribal registered storage tank lists</b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	2	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	1	NR	NR	NR	1
CA FID UST	0.250		0	0	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS	0.001		0	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		1	0	NR	NR	NR	1

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0

### **EDR HIGH RISK HISTORICAL RECORDS**

#### ***EDR Exclusive Records***

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

### **EDR RECOVERED GOVERNMENT ARCHIVES**

#### ***Exclusive Recovered Govt. Archives***

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --			0	2	4	1	0	0	7
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## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**1**  
**WSW**  
**< 1/8**  
**0.059 mi.**  
**314 ft.**

**PETRO-LUD-SMITH**  
**T30S R28E SEC 14**  
**BAKERSFIELD, CA**

**CUPA Listings**    **S123530848**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**373 ft.**

**KERN CO CUPA:**  
Facility ID: FA0047221  
CERS ID: 10780012  
Name: PETRO-LUD-SMITH  
Address: T30S R28E SEC 14  
Address 2: T30S R28E Sec 14  
City,State,Zip: BAKERSFIELD, CA  
Billing Status: Active, billable  
Program Element: BUS PLAN MED LOW RISK 1 UNIT  
Program Element Code: CB2T  
HMIRRP Due Date: Not reported  
Current Inspection Date: 12/01/2020  
Employee: CUPA 5  
Mailing Address: 1311 Calaveras Park Drive  
Mailing Address 2: Not reported  
Mailing City: Bakersfield  
Mailing State: CA  
Mailing Zip: 93311

**2**  
**SE**  
**< 1/8**  
**0.093 mi.**  
**493 ft.**

**CHEVRON CORPORATION**  
**9525 CAMINO MEDIA**  
**BAKERSFIELD, CA 93311**

**EDR Hist Auto**    **1020189420**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**374 ft.**

**EDR Hist Auto**

Year:	Name:	Type:
2005	TEXACO INC	Gasoline Service Stations, NEC
2008	CHEVRON CORPORATION	Gasoline Service Stations, NEC
2008	CHEVRON MARY ANN STIEBER	Gasoline Service Stations, NEC
2009	CHEVRON MARY ANN STIEBER	Gasoline Service Stations, NEC
2009	CHEVRON CORPORATION	Gasoline Service Stations, NEC
2010	CHEVRON CORPORATION	Gasoline Service Stations, NEC
2011	CHEVRON CORPORATION	Gasoline Service Stations, NEC
2012	CHEVRON CORPORATION	Gasoline Service Stations, NEC
2013	CHEVRON CORPORATION	Gasoline Service Stations, NEC

**A3**  
**NW**  
**1/8-1/4**  
**0.184 mi.**  
**974 ft.**

**900 OLD RIVER RD**  
**BAKERSFIELD, CA**

**AST**    **A100184163**  
**N/A**

**Site 1 of 4 in cluster A**

**Relative:**  
**Higher**  
**Actual:**  
**374 ft.**

**AST:**  
Name: Not reported  
Address: 900 OLD RIVER RD  
City/Zip: BAKERSFIELD,  
Certified Unified Program Agencies: Bakersfield  
Owner: STATE FARM MUTUAL AUTOMOBILE INS  
Total Gallons: 2,000  
CERSID: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**A100184163**

Facility ID: Not reported  
 Business Name: Not reported  
 Phone: Not reported  
 Fax: Not reported  
 Mailing Address: Not reported  
 Mailing Address City: Not reported  
 Mailing Address State: Not reported  
 Mailing Address Zip Code: Not reported  
 Operator Name: Not reported  
 Operator Phone: Not reported  
 Owner Phone: Not reported  
 Owner Mail Address: Not reported  
 Owner State: Not reported  
 Owner Zip Code: Not reported  
 Owner Country: Not reported  
 Property Owner Name: Not reported  
 Property Owner Phone: Not reported  
 Property Owner Mailing Address: Not reported  
 Property Owner City: Not reported  
 Property Owner Stat : Not reported  
 Property Owner Zip Code: Not reported  
 Property Owner Country: Not reported  
 EPAID: Not reported

**A4  
 NW  
 1/8-1/4  
 0.184 mi.  
 974 ft.**

**STATE FARM MUTUAL AUTO INS  
 900 OLD RIVER RD  
 BAKERSFIELD, CA 93311**

**CERS TANKS S107622072  
 EMI N/A  
 CERS**

**Site 2 of 4 in cluster A**

**Relative:  
 Higher**

**CERS TANKS:**

**Actual:  
 374 ft.**

Name: CALIFORNIA RESOURCES PRODUCTION CORPORATION - CRC PLAZA  
 Address: 900 OLD RIVER RD  
 City,State,Zip: BAKERSFIELD, CA 93311  
 Site ID: 156934  
 CERS ID: 10024201  
 CERS Description: Aboveground Petroleum Storage

**EMI:**

Name: STATE FARM MUTUAL AUTO INS  
 Address: 900 OLD RIVER RD  
 City,State,Zip: BAKERSFIELD, CA 93311  
 Year: 2004  
 County Code: 15  
 Air Basin: SJV  
 Facility ID: 2777  
 Air District Name: SJU  
 SIC Code: 6331  
 Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD  
 Community Health Air Pollution Info System: Not reported  
 Consolidated Emission Reporting Rule: Not reported  
 Total Organic Hydrocarbon Gases Tons/Yr: 0.004341855  
 Reactive Organic Gases Tons/Yr: 0.003594273  
 Carbon Monoxide Emissions Tons/Yr: 0.01007244  
 NOX - Oxides of Nitrogen Tons/Yr: 0.031450756  
 SOX - Oxides of Sulphur Tons/Yr: 0.000554739  
 Particulate Matter Tons/Yr: 0.000565354

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

STATE FARM MUTUAL AUTO INS (Continued)

S107622072

Part. Matter 10 Micrometers and Smlr Tons/Yr:0.00055392

Name: STATE FARM MUTUAL AUTO INS  
Address: 900 OLD RIVER RD  
City,State,Zip: BAKERSFIELD, CA 93311  
Year: 2005  
County Code: 15  
Air Basin: SJV  
Facility ID: 2777  
Air District Name: SJU  
SIC Code: 6331  
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .0043418547704825993  
Reactive Organic Gases Tons/Yr: .0035942731404542942  
Carbon Monoxide Emissions Tons/Yr: .010072440362691878  
NOX - Oxides of Nitrogen Tons/Yr: .03145075563397702  
SOX - Oxides of Sulphur Tons/Yr: .0005547390207469462  
Particulate Matter Tons/Yr: .0005653544433302568  
Part. Matter 10 Micrometers and Smlr Tons/Yr:.0005539200166463854

Name: STATE FARM MUTUAL AUTO INS  
Address: 900 OLD RIVER RD  
City,State,Zip: BAKERSFIELD, CA 93311  
Year: 2006  
County Code: 15  
Air Basin: SJV  
Facility ID: 2777  
Air District Name: SJU  
SIC Code: 6331  
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .0418955425639762461  
Reactive Organic Gases Tons/Yr: .0252641510877012813  
Carbon Monoxide Emissions Tons/Yr: .32873280197382  
NOX - Oxides of Nitrogen Tons/Yr: 4.8844786801718282  
SOX - Oxides of Sulphur Tons/Yr: .009605746906161306  
Particulate Matter Tons/Yr: .0563718443059774319  
Part. Matter 10 Micrometers and Smlr Tons/Yr:.0559794000536203

Name: STATE FARM MUTUAL AUTO INS  
Address: 900 OLD RIVER RD  
City,State,Zip: BAKERSFIELD, CA 95054  
Year: 2007  
County Code: 15  
Air Basin: SJV  
Facility ID: 2777  
Air District Name: SJU  
SIC Code: 6331  
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .0418955425639762461  
Reactive Organic Gases Tons/Yr: .0252641510877012813  
Carbon Monoxide Emissions Tons/Yr: .32873280197382

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STATE FARM MUTUAL AUTO INS (Continued)**

**S107622072**

NOX - Oxides of Nitrogen Tons/Yr: 4.8844786801718282  
SOX - Oxides of Sulphur Tons/Yr: .009605746906161306  
Particulate Matter Tons/Yr: .0563718443059774319  
Part. Matter 10 Micrometers and Smlr Tons/Yr: .0559794000536203

Name: STATE FARM MUTUAL AUTO INS  
Address: 900 OLD RIVER RD  
City,State,Zip: BAKERSFIELD, CA 93311  
Year: 2008  
County Code: 15  
Air Basin: SJV  
Facility ID: 2777  
Air District Name: SJU  
SIC Code: 6331  
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .0418955425639762461  
Reactive Organic Gases Tons/Yr: .0252641510877012813  
Carbon Monoxide Emissions Tons/Yr: .32873280197382  
NOX - Oxides of Nitrogen Tons/Yr: 4.8844786806190866  
SOX - Oxides of Sulphur Tons/Yr: .009605746906161306  
Particulate Matter Tons/Yr: .0563718443059774319  
Part. Matter 10 Micrometers and Smlr Tons/Yr: .0559794000536203

Name: STATE FARM MUTUAL AUTO INS  
Address: 900 OLD RIVER RD  
City,State,Zip: BAKERSFIELD, CA 93311  
Year: 2009  
County Code: 15  
Air Basin: SJV  
Facility ID: 2777  
Air District Name: SJU  
SIC Code: 6331  
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3.3885082422734497E-2  
Reactive Organic Gases Tons/Yr: 2.1252404185163901E-2  
Carbon Monoxide Emissions Tons/Yr: 0.273537606239319  
NOX - Oxides of Nitrogen Tons/Yr: 4.4672366727205803  
SOX - Oxides of Sulphur Tons/Yr: 7.8617018017768901E-3  
Particulate Matter Tons/Yr: 4.7704623902430299E-2  
Part. Matter 10 Micrometers and Smlr Tons/Yr: 4.7344800949096703E-2

Name: STATE FARM MUTUAL AUTO INS  
Address: 900 OLD RIVER RD  
City,State,Zip: BAKERSFIELD, CA 93311  
Year: 2010  
County Code: 15  
Air Basin: SJV  
Facility ID: 2777  
Air District Name: SJU  
SIC Code: 6331  
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

STATE FARM MUTUAL AUTO INS (Continued)

S107622072

Total Organic Hydrocarbon Gases Tons/Yr: 3.0461593163618898E-2  
Reactive Organic Gases Tons/Yr: 2.5487215000000001E-2  
Carbon Monoxide Emissions Tons/Yr: 8.1019999999999995E-2  
NOX - Oxides of Nitrogen Tons/Yr: 0.372386357  
SOX - Oxides of Sulphur Tons/Yr: 1.6820999999999999E-4  
Particulate Matter Tons/Yr: 2.7218237704917998E-2  
Part. Matter 10 Micrometers and Smlr Tons/Yr:2.6564999999999998E-2

Name: STATE FARM MUTUAL AUTO INS  
Address: 900 OLD RIVER RD  
City,State,Zip: BAKERSFIELD, CA 93311  
Year: 2011  
County Code: 15  
Air Basin: SJV  
Facility ID: 2777  
Air District Name: SJU  
SIC Code: 6331  
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.030461814833  
Reactive Organic Gases Tons/Yr: 0.025487400471  
Carbon Monoxide Emissions Tons/Yr: 0.080988001496  
NOX - Oxides of Nitrogen Tons/Yr: 0.37238600688  
SOX - Oxides of Sulphur Tons/Yr: 0.00016832800311  
Particulate Matter Tons/Yr: 0.027253074274  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.026599000491

Name: STATE FARM MUTUAL AUTO INS  
Address: 900 OLD RIVER RD  
City,State,Zip: BAKERSFIELD, CA 93311  
Year: 2012  
County Code: 15  
Air Basin: SJV  
Facility ID: 2777  
Air District Name: SJU  
SIC Code: 6331  
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.0028773755177  
Reactive Organic Gases Tons/Yr: 0.0024075000957  
Carbon Monoxide Emissions Tons/Yr: 0.007650000304  
NOX - Oxides of Nitrogen Tons/Yr: 0.035175001398  
SOX - Oxides of Sulphur Tons/Yr: 1.5900000632e-005  
Particulate Matter Tons/Yr: 0.0025742828892  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.0025125000998

Name: STATE FARM MUTUAL AUTO INS  
Address: 900 OLD RIVER RD  
City,State,Zip: BAKERSFIELD, CA 93311  
Year: 2013  
County Code: 15  
Air Basin: SJV  
Facility ID: 2777  
Air District Name: SJU  
SIC Code: 6331

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

STATE FARM MUTUAL AUTO INS (Continued)

S107622072

Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.0027433124644  
Reactive Organic Gases Tons/Yr: 0.00241  
Carbon Monoxide Emissions Tons/Yr: 0.00765  
NOX - Oxides of Nitrogen Tons/Yr: 0.0352  
SOX - Oxides of Sulphur Tons/Yr: 1.59e-005  
Particulate Matter Tons/Yr: 0.0025717213115  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.00251

Name: STATE FARM MUTUAL AUTO INS  
Address: 900 OLD RIVER RD  
City,State,Zip: BAKERSFIELD, CA 93311  
Year: 2014  
County Code: 15  
Air Basin: SJV  
Facility ID: 2777  
Air District Name: SJU  
SIC Code: 6331  
Air District Name: SAN JOAQUIN VALLEY APCD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.012606146798  
Reactive Organic Gases Tons/Yr: 0.011074499962  
Carbon Monoxide Emissions Tons/Yr: 0.035189999878  
NOX - Oxides of Nitrogen Tons/Yr: 0.16180499944  
SOX - Oxides of Sulphur Tons/Yr: 7.3139999747e-005  
Particulate Matter Tons/Yr: 0.011841700779  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.01155749996

Name: STATE FARM MUTUAL AUTO INS  
Address: 900 OLD RIVER RD  
City,State,Zip: BAKERSFIELD, CA 93311  
Year: 2015  
County Code: 15  
Air Basin: SJV  
Facility ID: 2777  
Air District Name: SJU  
SIC Code: 6331  
Air District Name: SAN JOAQUIN VALLEY APCD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.0030438247012  
Reactive Organic Gases Tons/Yr: 0.002674  
Carbon Monoxide Emissions Tons/Yr: 0.00849  
NOX - Oxides of Nitrogen Tons/Yr: 0.03908  
SOX - Oxides of Sulphur Tons/Yr: 1.762e-005  
Particulate Matter Tons/Yr: 0.0028586065574  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.00279

Name: STATE FARM MUTUAL AUTO INS  
Address: 900 OLD RIVER RD  
City,State,Zip: BAKERSFIELD, CA 93311  
Year: 2016  
County Code: 15  
Air Basin: SJV

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

STATE FARM MUTUAL AUTO INS (Continued)

S107622072

Facility ID: 2777  
Air District Name: SJU  
SIC Code: 6331  
Air District Name: SAN JOAQUIN VALLEY APCD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.0030438247012  
Reactive Organic Gases Tons/Yr: 0.002674  
Carbon Monoxide Emissions Tons/Yr: 0.00849  
NOX - Oxides of Nitrogen Tons/Yr: 0.03908  
SOX - Oxides of Sulphur Tons/Yr: 1.762e-005  
Particulate Matter Tons/Yr: 0.0028586065574  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.00279

Name: STATE FARM MUTUAL AUTO INS  
Address: 900 OLD RIVER RD  
City,State,Zip: BAKERSFIELD, CA 93311  
Year: 2017  
County Code: 15  
Air Basin: SJV  
Facility ID: 2777  
Air District Name: SJU  
SIC Code: 6331  
Air District Name: SAN JOAQUIN VALLEY APCD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.01217985202  
Reactive Organic Gases Tons/Yr: 0.0107  
Carbon Monoxide Emissions Tons/Yr: 0.0341  
NOX - Oxides of Nitrogen Tons/Yr: 0.156828917  
SOX - Oxides of Sulphur Tons/Yr: 7.09e-005  
Particulate Matter Tons/Yr: 0.011475409836  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.0112

Name: STATE FARM MUTUAL AUTO INS  
Address: 900 OLD RIVER RD  
City,State,Zip: BAKERSFIELD, CA 93311  
Year: 2018  
County Code: 15  
Air Basin: SJV  
Facility ID: 2777  
Air District Name: SJU  
SIC Code: 6512  
Air District Name: SAN JOAQUIN VALLEY APCD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.005031303358  
Reactive Organic Gases Tons/Yr: 0.00442  
Carbon Monoxide Emissions Tons/Yr: 0.014  
NOX - Oxides of Nitrogen Tons/Yr: 0.0646  
SOX - Oxides of Sulphur Tons/Yr: 2.92e-005  
Particulate Matter Tons/Yr: 0.0046378269618  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.00461

CERS:

Name: STATE FARM MUTUAL AUTO INS  
Address: 900 OLD RIVER RD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

STATE FARM MUTUAL AUTO INS (Continued)

S107622072

City,State,Zip: BAKERSFIELD, CA 93311-9501  
Site ID: 496123  
CERS ID: 110038018533  
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:  
Affiliation Type Desc: Environmental Contact  
Entity Name: ROD SKINNER  
Entity Title: ENVIRONMENTAL CONTACT  
Affiliation Address: 900 OLD RIVER RD  
Affiliation City: BAKERSFIELD  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: ABEL MOTA  
Entity Title: Not reported  
Affiliation Address: 900 OLD RIVER ROAD  
Affiliation City: BAKERSFIELD  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Owner  
Entity Name: STATE FARM MUTUAL AUTO INS  
Entity Title: OWNER  
Affiliation Address: 900 OLD RIVER RD  
Affiliation City: BAKERSFIELD  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: ROD SKINNER  
Entity Title: OPERATOR  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Name: CALIFORNIA RESOURCES PRODUCTION CORPORATION - CRC PLAZA  
Address: 900 OLD RIVER RD  
City,State,Zip: BAKERSFIELD, CA 93311  
Site ID: 156934  
CERS ID: 10024201  
CERS Description: Chemical Storage Facilities

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-14-2019  
Violations Found: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STATE FARM MUTUAL AUTO INS (Continued)**

**S107622072**

Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Bakersfield City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-05-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Bakersfield City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-08-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Bakersfield City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-10-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Bakersfield City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-11-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	CUPA INSPECTION 06/11/2014 NO VIOLATIONS
Eval Division:	Bakersfield City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-24-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Bakersfield City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-29-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Bakersfield City Fire Department

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STATE FARM MUTUAL AUTO INS (Continued)**

**S107622072**

Eval Program: HMRRP  
Eval Source: CERS

Coordinates:  
Site ID: 156934  
Facility Name: California Resources Production Corporation - CRC PLAZA  
Env Int Type Code: APSA  
Program ID: 10024201  
Coord Name: Not reported  
Ref Point Type Desc: Unknown  
Latitude: 35.346809  
Longitude: -119.111748

Affiliation:  
Affiliation Type Desc: Legal Owner  
Entity Name: California Resources Production Corporation  
Entity Title: Not reported  
Affiliation Address: 900 Old River Road  
Affiliation City: BAKERSFIELD  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 93311  
Affiliation Phone: (661) 412-5000

Affiliation Type Desc: CUPA District  
Entity Name: Bakersfield City Fire Department  
Entity Title: Not reported  
Affiliation Address: 2101 H Street  
Affiliation City: Bakersfield  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 93301  
Affiliation Phone: (661) 326-3979

Affiliation Type Desc: Parent Corporation  
Entity Name: California Resources Production Corporation  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer  
Entity Name: Esteban Solano  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: Wm. Douglas Shaffer

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

STATE FARM MUTUAL AUTO INS (Continued)

S107622072

Entity Title: Not reported  
Affiliation Address: 900 Old River Road  
Affiliation City: BAKERSFIELD  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 93311  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 900 Old River Road  
Affiliation City: Bakersfield  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 93311  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: CALIFORNIA RESOURCES PRODUCTION CORPORATION-CRC PLAZA  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (661) 412-5452

Affiliation Type Desc: Property Owner  
Entity Name: California Resources Production Corporation  
Entity Title: Not reported  
Affiliation Address: 900 Old River Road  
Affiliation City: Bakersfield  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 93311  
Affiliation Phone: (661) 412-5000

Affiliation Type Desc: Identification Signer  
Entity Name: Esteban Solano  
Entity Title: HSE Technician  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A5**  
**NW**  
**1/8-1/4**  
**0.184 mi.**  
**974 ft.**

**STATE FARM MUTUAL AUTOMOBILE INS**  
**900 OLD RIVER RD**  
**BAKERSFIELD, CA 93311**

**AST** **A100424855**  
**N/A**

**Site 3 of 4 in cluster A**

**Relative:**  
**Higher**

AST:

**Actual:**  
**374 ft.**

Name: STATE FARM MUTUAL AUTOMOBILE INS  
 Address: 900 OLD RIVER RD  
 City/Zip: BAKERSFIELD,93311  
 Certified Unified Program Agencies: Not reported  
 Owner: STATE FARM MUTUAL AUTOMOBILE INS  
 Total Gallons: Not reported  
 CERSID: 10024201  
 Facility ID: 15-021-010746  
 Business Name: STATE FARM MUTUAL AUTOMOBILE INS  
 Phone: 6616631926  
 Fax: 6616631309  
 Mailing Address: 900 OLD RIVER ROAD  
 Mailing Address City: BAKERSFIELD  
 Mailing Address State: CA  
 Mailing Address Zip Code: 93311  
 Operator Name: ABEL MOTA  
 Operator Phone: 6616631926  
 Owner Phone: 3097660950  
 Owner Mail Address: 900 OLD RIVER ROAD  
 Owner State: CA  
 Owner Zip Code: 93311  
 Owner Country: United States  
 Property Owner Name: Not reported  
 Property Owner Phone: Not reported  
 Property Owner Mailing Address: Not reported  
 Property Owner City: Not reported  
 Property Owner Stat : Not reported  
 Property Owner Zip Code: Not reported  
 Property Owner Country: Not reported  
 EPAID: Not reported

**A6**  
**NW**  
**1/8-1/4**  
**0.184 mi.**  
**974 ft.**

**CALIFORNIA RESOURCES PRODUCTION CORP**  
**900 OLD RIVER RD**  
**BAKERSFIELD, CA 93311**

**RCRA NonGen / NLR** **1001959923**  
**FINDS** **CAR000066266**  
**ECHO**

**Site 4 of 4 in cluster A**

**Relative:**  
**Higher**

RCRA NonGen / NLR:

**Actual:**  
**374 ft.**

Date Form Received by Agency: 2000-07-06 00:00:00.0  
 Handler Name: STATE FARM INSURANCE  
 Handler Address: 900 OLD RIVER RD  
 Handler City,State,Zip: BAKERSFIELD, CA 93311  
 EPA ID: CAR000066266  
 Contact Name: JOHN HINKLE  
 Contact Address: 900 OLD RIVER RD  
 Contact City,State,Zip: BAKERSFIELD, CA 93311  
 Contact Telephone: 661-663-1951  
 Contact Fax: Not reported  
 Contact Email: Not reported  
 Contact Title: Not reported  
 EPA Region: 09  
 Land Type: Private  
 Federal Waste Generator Description: Not a generator, verified



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CALIFORNIA RESOURCES PRODUCTION CORP (Continued)**

**1001959923**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	900 OLD RIVER RD
Mailing City, State, Zip:	BAKERSFIELD, CA 93311
Owner Name:	STATE FARM INSURANCE
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA RESOURCES PRODUCTION CORP (Continued)**

**1001959923**

Significant Non-Complier With a Compliance Schedule Universe: No  
Financial Assurance Required: Not reported  
Handler Date of Last Change: 2002-10-07 16:36:56.0  
Recognized Trader-Importer: No  
Recognized Trader-Exporter: No  
Importer of Spent Lead Acid Batteries: No  
Exporter of Spent Lead Acid Batteries: No  
Recycler Activity Without Storage: Not reported  
Manifest Broker: Not reported  
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D000  
Waste Description: Not Defined

Waste Code: D009  
Waste Description: MERCURY

Handler - Owner Operator:

Owner/Operator Indicator: Owner  
Owner/Operator Name: STATE FARM INSURANCE  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: ONE STATE FARM PLAZA  
Owner/Operator City,State,Zip: BLOOMINGTON, IL 61710-0001  
Owner/Operator Telephone: 309-763-1000  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2000-07-06 00:00:00.0  
Handler Name: STATE FARM INSURANCE  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA RESOURCES PRODUCTION CORP (Continued)**

**1001959923**

**FINDS:**

Registry ID: 110070874042

Click Here:

**Environmental Interest/Information System:**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Registry ID: 110002933032

Click Here:

**Environmental Interest/Information System:**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid: 1001959923  
Registry ID: 110002933032  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002933032>  
Name: STATE FARM INSURANCE  
Address: 900 OLD RIVER RD  
City,State,Zip: BAKERSFIELD, CA 93311

7  
NW  
1/4-1/2  
0.321 mi.  
1693 ft.

**CASTLE & COOKE  
TRACT 5426, CLADHAM COMM. DR. (SEC 6,T3  
BAKERSFIELD, CA**

**CPS-SLIC S106486119  
CERS N/A**

**Relative:  
Higher  
Actual:  
374 ft.**

**CPS-SLIC:**  
Name: CASTLE & COOKE  
Address: TRACT 5426, CLADHAM COMM. DR. (SEC 6,T3  
City,State,Zip: BAKERSFIELD, CA  
Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 08/05/1999  
Global Id: SLT5FR921132  
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5F)  
Lead Agency Case Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CASTLE & COOKE (Continued)**

**S106486119**

Latitude: 35.3494  
Longitude: -119.1151  
Case Type: Cleanup Program Site  
Case Worker: GJI  
Local Agency: Not reported  
RB Case Number: SLT5FR092  
File Location: Not reported  
Potential Media Affected: Not reported  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**CERS:**

Name: CASTLE & COOKE  
Address: TRACT 5426, CLADHAM COMM. DR. (SEC 6,T3  
City,State,Zip: BAKERSFIELD, CA  
Site ID: 241275  
CERS ID: SLT5FR921132  
CERS Description: Cleanup Program Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: GREG ISSINGHOFF - CENTRAL VALLEY RWQCB (REGION 5F)  
Entity Title: Not reported  
Affiliation Address: 1685 E STREET  
Affiliation City: FRESNO  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 5594884390

Count: 3 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BAKERSFIELD	1007443872	BAKERSFIELD LANDFILL	1 MILE E OF ALFRED HARRELL AND		ODI
BAKERSFIELD	S100180475	VENTURA WEST INCORPORATED	TANK FARM AND BEECH ROAD	93309	ENVIROSTOR
KERN COUNTY	S107538767		HIGHWAY 99 AND DAVID ROAD/KERN		CDL

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: N/A
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/12/2021
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: N/A
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/12/2021
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## ***Federal Delisted NPL site list***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/27/2021  
Date Data Arrived at EDR: 05/03/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 16

Source: EPA  
Telephone: N/A  
Last EDR Contact: 06/04/2021  
Next Scheduled EDR Contact: 07/12/2021  
Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019  
Date Data Arrived at EDR: 04/05/2019  
Date Made Active in Reports: 05/14/2019  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 03/30/2021  
Next Scheduled EDR Contact: 07/12/2021  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2021  
Date Data Arrived at EDR: 05/03/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 16

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 06/04/2021  
Next Scheduled EDR Contact: 07/26/2021  
Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: 800-424-9346
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/26/2021
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/22/2021	Source: EPA
Date Data Arrived at EDR: 03/23/2021	Telephone: 800-424-9346
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 03/23/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 03/23/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 03/23/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 03/23/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

## RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 03/23/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/09/2021	Source: Department of the Navy
Date Data Arrived at EDR: 02/11/2021	Telephone: 843-820-7326
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 05/05/2021
Number of Days to Update: 39	Next Scheduled EDR Contact: 08/23/2021
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 05/21/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Varies

### US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 05/21/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Federal ERNS list**

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/14/2020

Date Data Arrived at EDR: 12/15/2020

Date Made Active in Reports: 12/22/2020

Number of Days to Update: 7

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 12/15/2020

Next Scheduled EDR Contact: 07/05/2021

Data Release Frequency: Quarterly

## **State- and tribal - equivalent NPL**

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 01/25/2021

Date Data Arrived at EDR: 01/26/2021

Date Made Active in Reports: 04/13/2021

Number of Days to Update: 77

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/23/2021

Next Scheduled EDR Contact: 08/09/2021

Data Release Frequency: Quarterly

## **State- and tribal - equivalent CERCLIS**

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 01/25/2021

Date Data Arrived at EDR: 01/26/2021

Date Made Active in Reports: 04/13/2021

Number of Days to Update: 77

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/23/2021

Next Scheduled EDR Contact: 08/09/2021

Data Release Frequency: Quarterly

## **State and tribal landfill and/or solid waste disposal site lists**

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/08/2021

Date Data Arrived at EDR: 02/09/2021

Date Made Active in Reports: 05/03/2021

Number of Days to Update: 83

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 05/11/2021

Next Scheduled EDR Contact: 08/23/2021

Data Release Frequency: Quarterly

## **State and tribal leaking storage tank lists**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: see region list
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly

## LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

## LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

## LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: No Update Planned

## LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

## LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

## LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/09/2003  
Date Data Arrived at EDR: 09/10/2003  
Date Made Active in Reports: 10/07/2003  
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)  
Telephone: 530-542-5572  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004  
Date Data Arrived at EDR: 02/26/2004  
Date Made Active in Reports: 03/24/2004  
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)  
Telephone: 760-776-8943  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005  
Date Data Arrived at EDR: 02/15/2005  
Date Made Active in Reports: 03/28/2005  
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)  
Telephone: 909-782-4496  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001  
Date Data Arrived at EDR: 04/23/2001  
Date Made Active in Reports: 05/21/2001  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-637-5595  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: No Update Planned

## LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008  
Date Data Arrived at EDR: 07/22/2008  
Date Made Active in Reports: 07/31/2008  
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-4834  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: No Update Planned

## INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/12/2020  
Date Data Arrived at EDR: 12/16/2020  
Date Made Active in Reports: 03/12/2021  
Number of Days to Update: 86

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 06/11/2021  
Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

## INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/07/2020  
Date Data Arrived at EDR: 12/16/2020  
Date Made Active in Reports: 03/12/2021  
Number of Days to Update: 86

Source: EPA, Region 5  
Telephone: 312-886-7439  
Last EDR Contact: 06/11/2021  
Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/01/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2020	Telephone: 415-972-3372
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/09/2020	Source: EPA Region 8
Date Data Arrived at EDR: 12/16/2020	Telephone: 303-312-6271
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/30/2020	Source: EPA Region 7
Date Data Arrived at EDR: 12/22/2020	Telephone: 913-551-7003
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/02/2020	Source: EPA Region 4
Date Data Arrived at EDR: 12/18/2020	Telephone: 404-562-8677
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2020	Source: EPA Region 1
Date Data Arrived at EDR: 12/16/2020	Telephone: 617-918-1313
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-6597
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 06/11/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003  
Date Data Arrived at EDR: 04/07/2003  
Date Made Active in Reports: 04/25/2003  
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)  
Telephone: 707-576-2220  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: No Update Planned

## SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006  
Date Data Arrived at EDR: 05/18/2006  
Date Made Active in Reports: 06/15/2006  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-549-3147  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: No Update Planned

## SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004  
Date Data Arrived at EDR: 11/18/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: No Update Planned

## SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005  
Date Data Arrived at EDR: 04/05/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-3291  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005  
Date Data Arrived at EDR: 05/25/2005  
Date Made Active in Reports: 06/16/2005  
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch  
Telephone: 619-241-6583  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region  
Telephone: 530-542-5574  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004  
Date Data Arrived at EDR: 11/29/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region  
Telephone: 760-346-7491  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008  
Date Data Arrived at EDR: 04/03/2008  
Date Made Active in Reports: 04/14/2008  
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-3298  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/11/2007  
Date Made Active in Reports: 09/28/2007  
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 08/08/2011  
Next Scheduled EDR Contact: 11/21/2011  
Data Release Frequency: No Update Planned

## **State and tribal registered storage tank lists**

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021  
Date Data Arrived at EDR: 02/17/2021  
Date Made Active in Reports: 03/22/2021  
Number of Days to Update: 33

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 04/05/2021  
Next Scheduled EDR Contact: 07/19/2021  
Data Release Frequency: Varies

### UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/08/2021  
Date Data Arrived at EDR: 03/09/2021  
Date Made Active in Reports: 03/31/2021  
Number of Days to Update: 22

Source: SWRCB  
Telephone: 916-341-5851  
Last EDR Contact: 06/03/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/05/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-327-7844
Date Made Active in Reports: 04/01/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

## MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

## AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 06/08/2021
Number of Days to Update: 69	Next Scheduled EDR Contact: 09/27/2021
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/09/2020	Source: EPA Region 8
Date Data Arrived at EDR: 12/16/2020	Telephone: 303-312-6137
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/02/2020	Source: EPA Region 4
Date Data Arrived at EDR: 12/18/2020	Telephone: 404-562-9424
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

## INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/12/2020	Source: EPA Region 10
Date Data Arrived at EDR: 12/16/2020	Telephone: 206-553-2857
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-7591
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 06/11/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

## INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2020	Source: EPA, Region 1
Date Data Arrived at EDR: 12/16/2020	Telephone: 617-918-1313
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/01/2020	Source: EPA Region 9
Date Data Arrived at EDR: 12/16/2020	Telephone: 415-972-3368
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/30/2020	Source: EPA Region 7
Date Data Arrived at EDR: 12/22/2020	Telephone: 913-551-7003
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/07/2020	Source: EPA Region 5
Date Data Arrived at EDR: 12/16/2020	Telephone: 312-886-6136
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

## ***State and tribal voluntary cleanup sites***

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 06/15/2021
Number of Days to Update: 142	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

## VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 01/25/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/26/2021	Telephone: 916-323-3400
Date Made Active in Reports: 04/13/2021	Last EDR Contact: 04/23/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/09/2021
	Data Release Frequency: Quarterly

### **State and tribal Brownfields sites**

#### BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/22/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/23/2021	Telephone: 916-323-7905
Date Made Active in Reports: 06/10/2021	Last EDR Contact: 03/23/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

##### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/15/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/16/2021	Telephone: 202-566-2777
Date Made Active in Reports: 06/10/2021	Last EDR Contact: 06/10/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 09/27/2021
	Data Release Frequency: Semi-Annually

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

##### WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2000  
Date Data Arrived at EDR: 04/10/2000  
Date Made Active in Reports: 05/10/2000  
Number of Days to Update: 30

Source: State Water Resources Control Board  
Telephone: 916-227-4448  
Last EDR Contact: 04/21/2021  
Next Scheduled EDR Contact: 08/09/2021  
Data Release Frequency: No Update Planned

## SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/09/2021  
Date Data Arrived at EDR: 03/09/2021  
Date Made Active in Reports: 03/31/2021  
Number of Days to Update: 22

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 06/04/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Quarterly

## HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/23/2020  
Date Data Arrived at EDR: 11/23/2020  
Date Made Active in Reports: 02/08/2021  
Number of Days to Update: 77

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 06/15/2021  
Next Scheduled EDR Contact: 08/23/2021  
Data Release Frequency: Varies

## INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 04/22/2021  
Next Scheduled EDR Contact: 08/09/2021  
Data Release Frequency: Varies

## ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 04/14/2021  
Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: No Update Planned

## IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 04/29/2021  
Next Scheduled EDR Contact: 08/09/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Local Lists of Hazardous waste / Contaminated Sites**

### **US HIST CDL: National Clandestine Laboratory Register**

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/07/2020	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/09/2020	Telephone: 202-307-1000
Date Made Active in Reports: 03/02/2021	Last EDR Contact: 05/22/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: No Update Planned

### **HIST CAL-SITES: Calsites Database**

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

### **SCH: School Property Evaluation Program**

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 01/25/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/26/2021	Telephone: 916-323-3400
Date Made Active in Reports: 04/13/2021	Last EDR Contact: 04/23/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/09/2021
	Data Release Frequency: Quarterly

### **CDL: Clandestine Drug Labs**

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/20/2021	Telephone: 916-255-6504
Date Made Active in Reports: 04/08/2021	Last EDR Contact: 04/14/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Varies

### **CERS HAZ WASTE: CERS HAZ WASTE**

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 01/20/2021	Source: CalEPA
Date Data Arrived at EDR: 01/20/2021	Telephone: 916-323-2514
Date Made Active in Reports: 04/08/2021	Last EDR Contact: 04/20/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Quarterly

### **TOXIC PITS: Toxic Pits Cleanup Act Sites**

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/1995  
Date Data Arrived at EDR: 08/30/1995  
Date Made Active in Reports: 09/26/1995  
Number of Days to Update: 27

Source: State Water Resources Control Board  
Telephone: 916-227-4364  
Last EDR Contact: 01/26/2009  
Next Scheduled EDR Contact: 04/27/2009  
Data Release Frequency: No Update Planned

## US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/07/2020  
Date Data Arrived at EDR: 12/09/2020  
Date Made Active in Reports: 03/02/2021  
Number of Days to Update: 83

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 05/18/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: Quarterly

## PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 02/24/2021  
Date Data Arrived at EDR: 02/24/2021  
Date Made Active in Reports: 05/14/2021  
Number of Days to Update: 79

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 06/04/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Varies

## Local Lists of Registered Storage Tanks

### SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994  
Date Data Arrived at EDR: 07/07/2005  
Date Made Active in Reports: 08/11/2005  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/03/2005  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990  
Date Data Arrived at EDR: 01/25/1991  
Date Made Active in Reports: 02/12/1991  
Number of Days to Update: 18

Source: State Water Resources Control Board  
Telephone: 916-341-5851  
Last EDR Contact: 07/26/2001  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 02/11/2021  
Date Data Arrived at EDR: 02/11/2021  
Date Made Active in Reports: 05/05/2021  
Number of Days to Update: 83

Source: San Francisco County Department of Public Health  
Telephone: 415-252-3896  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 01/20/2021	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 01/20/2021	Telephone: 916-323-2514
Date Made Active in Reports: 04/08/2021	Last EDR Contact: 04/20/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Quarterly

## CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## Local Land Records

### LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/01/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/03/2021	Telephone: 916-323-3400
Date Made Active in Reports: 05/20/2021	Last EDR Contact: 05/25/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Varies

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/27/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/03/2021	Telephone: 202-564-6023
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/12/2021
	Data Release Frequency: Semi-Annually

### DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/02/2021	Source: DTSC and SWRCB
Date Data Arrived at EDR: 03/03/2021	Telephone: 916-323-3400
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 05/28/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Semi-Annually

## Records of Emergency Release Reports

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/16/2020	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/17/2020	Telephone: 202-366-4555
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 03/24/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Quarterly

## CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2020	Source: Office of Emergency Services
Date Data Arrived at EDR: 01/20/2021	Telephone: 916-845-8400
Date Made Active in Reports: 04/08/2021	Last EDR Contact: 04/20/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Semi-Annually

## LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021	Source: State Water Quality Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly

## MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **Other Ascertainable Records**

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/22/2021  
Date Data Arrived at EDR: 03/23/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 57

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 03/23/2021  
Next Scheduled EDR Contact: 07/05/2021  
Data Release Frequency: Quarterly

## FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 02/11/2021  
Date Data Arrived at EDR: 02/17/2021  
Date Made Active in Reports: 04/05/2021  
Number of Days to Update: 47

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 05/18/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Varies

## DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 04/16/2021  
Next Scheduled EDR Contact: 07/26/2021  
Data Release Frequency: Semi-Annually

## FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018  
Date Data Arrived at EDR: 04/11/2018  
Date Made Active in Reports: 11/06/2019  
Number of Days to Update: 574

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 04/05/2021  
Next Scheduled EDR Contact: 07/19/2021  
Data Release Frequency: N/A

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017  
Date Data Arrived at EDR: 02/03/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 05/18/2021  
Next Scheduled EDR Contact: 08/23/2021  
Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/14/2020  
Date Data Arrived at EDR: 12/17/2020  
Date Made Active in Reports: 03/12/2021  
Number of Days to Update: 85

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 03/23/2021  
Next Scheduled EDR Contact: 07/05/2021  
Data Release Frequency: Quarterly



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 04/30/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/16/2021
	Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 05/07/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 08/16/2021
	Data Release Frequency: Varies

### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/17/2020	Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 03/19/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/28/2021
	Data Release Frequency: Every 4 Years

### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 08/14/2020	Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020	Last EDR Contact: 05/17/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/30/2021
	Data Release Frequency: Annually

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/20/2021	Source: EPA
Date Data Arrived at EDR: 01/21/2021	Telephone: 202-564-4203
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 04/20/2021
Number of Days to Update: 60	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: 703-416-0223
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Annually

## RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2021	Telephone: 202-564-8600
Date Made Active in Reports: 05/11/2021	Last EDR Contact: 04/19/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020	Source: EPA
Date Data Arrived at EDR: 01/14/2021	Telephone: 202-564-6023
Date Made Active in Reports: 03/05/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 50	Next Scheduled EDR Contact: 08/16/2021
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020	Source: EPA
Date Data Arrived at EDR: 01/08/2021	Telephone: 202-566-0500
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 04/09/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/31/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Quarterly

**FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

**FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

## MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/08/2021	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 03/11/2021	Telephone: 301-415-7169
Date Made Active in Reports: 05/11/2021	Last EDR Contact: 04/16/2021
Number of Days to Update: 61	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Quarterly

## COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019	Source: Department of Energy
Date Data Arrived at EDR: 12/01/2020	Telephone: 202-586-8719
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 05/27/2021
Number of Days to Update: 70	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 05/27/2021
Number of Days to Update: 251	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/07/2021
Number of Days to Update: 96	Next Scheduled EDR Contact: 08/16/2021
	Data Release Frequency: Varies

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 03/25/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 07/12/2021
	Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 04/27/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/09/2021
	Data Release Frequency: Quarterly

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2020  
Date Data Arrived at EDR: 01/13/2021  
Date Made Active in Reports: 03/22/2021  
Number of Days to Update: 68

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 04/05/2021  
Next Scheduled EDR Contact: 07/19/2021  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 06/22/2020  
Date Made Active in Reports: 11/20/2020  
Number of Days to Update: 151

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 03/23/2021  
Next Scheduled EDR Contact: 07/05/2021  
Data Release Frequency: Biennially

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 04/06/2021  
Next Scheduled EDR Contact: 07/19/2021  
Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017  
Date Data Arrived at EDR: 09/11/2018  
Date Made Active in Reports: 09/14/2018  
Number of Days to Update: 3

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 04/28/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019  
Date Data Arrived at EDR: 11/15/2019  
Date Made Active in Reports: 01/28/2020  
Number of Days to Update: 74

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 05/21/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2021  
Date Data Arrived at EDR: 05/03/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 16

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 06/04/2021  
Next Scheduled EDR Contact: 07/12/2021  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/01/2021  
Date Data Arrived at EDR: 02/24/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: Semi-Annually

## MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/27/2021  
Date Data Arrived at EDR: 05/27/2021  
Date Made Active in Reports: 06/10/2021  
Number of Days to Update: 14

Source: DOL, Mine Safety & Health Admi  
Telephone: 202-693-9424  
Last EDR Contact: 05/26/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Quarterly

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020  
Date Data Arrived at EDR: 05/27/2020  
Date Made Active in Reports: 08/13/2020  
Number of Days to Update: 78

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 05/27/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 05/27/2021
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/11/2020	Source: Department of Interior
Date Data Arrived at EDR: 12/11/2020	Telephone: 202-208-2609
Date Made Active in Reports: 03/02/2021	Last EDR Contact: 06/14/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2021	Source: EPA
Date Data Arrived at EDR: 03/03/2021	Telephone: (415) 947-8000
Date Made Active in Reports: 04/05/2021	Last EDR Contact: 05/18/2021
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018	Source: Department of Defense
Date Data Arrived at EDR: 07/02/2020	Telephone: 703-704-1564
Date Made Active in Reports: 09/17/2020	Last EDR Contact: 04/13/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 07/26/2021
	Data Release Frequency: Varies

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/02/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/08/2021	Telephone: 202-564-2280
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 04/06/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Quarterly

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/03/2020  
Date Data Arrived at EDR: 11/17/2020  
Date Made Active in Reports: 02/09/2021  
Number of Days to Update: 84

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 05/21/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: Varies

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/17/2021  
Date Data Arrived at EDR: 02/17/2021  
Date Made Active in Reports: 03/22/2021  
Number of Days to Update: 33

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 05/14/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Quarterly

## CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989  
Date Data Arrived at EDR: 07/27/1994  
Date Made Active in Reports: 08/02/1994  
Number of Days to Update: 6

Source: Department of Health Services  
Telephone: 916-255-2118  
Last EDR Contact: 05/31/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/22/2021  
Date Data Arrived at EDR: 03/23/2021  
Date Made Active in Reports: 06/10/2021  
Number of Days to Update: 79

Source: CAL EPA/Office of Emergency Information  
Telephone: 916-323-3400  
Last EDR Contact: 03/23/2021  
Next Scheduled EDR Contact: 07/05/2021  
Data Release Frequency: Quarterly

## CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019  
Date Data Arrived at EDR: 05/14/2019  
Date Made Active in Reports: 07/17/2019  
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department  
Telephone: 925-454-2361  
Last EDR Contact: 05/14/2021  
Next Scheduled EDR Contact: 08/23/2021  
Data Release Frequency: Varies

## DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/01/2021  
Date Data Arrived at EDR: 03/04/2021  
Date Made Active in Reports: 05/20/2021  
Number of Days to Update: 77

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Annually

## DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/26/2021  
Date Data Arrived at EDR: 03/02/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 78

Source: Antelope Valley Air Quality Management District  
Telephone: 661-723-8070  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Varies

**DRYCLEAN SOUTH COAST:** South Coast Air Quality Management District Drycleaner Listing  
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 02/23/2021  
Date Data Arrived at EDR: 02/25/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 83

Source: South Coast Air Quality Management District  
Telephone: 909-396-3211  
Last EDR Contact: 05/18/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: Varies

**EMI:** Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 06/16/2020  
Date Made Active in Reports: 08/28/2020  
Number of Days to Update: 73

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 06/10/2021  
Next Scheduled EDR Contact: 09/27/2021  
Data Release Frequency: Varies

**ENF:** Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 12/31/2020  
Date Data Arrived at EDR: 01/20/2021  
Date Made Active in Reports: 04/09/2021  
Number of Days to Update: 79

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 04/20/2021  
Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

**Financial Assurance 1:** Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/25/2021  
Date Data Arrived at EDR: 01/26/2021  
Date Made Active in Reports: 04/13/2021  
Number of Days to Update: 77

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 04/14/2021  
Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

**Financial Assurance 2:** Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/08/2021  
Date Data Arrived at EDR: 02/12/2021  
Date Made Active in Reports: 05/05/2021  
Number of Days to Update: 82

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 05/05/2021  
Next Scheduled EDR Contact: 08/23/2021  
Data Release Frequency: Varies

**HAZNET:** Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 04/15/2020  
Date Made Active in Reports: 07/02/2020  
Number of Days to Update: 78

Source: California Environmental Protection Agency  
Telephone: 916-255-1136  
Last EDR Contact: 04/09/2021  
Next Scheduled EDR Contact: 07/19/2021  
Data Release Frequency: Annually

## ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/16/2021  
Date Data Arrived at EDR: 02/17/2021  
Date Made Active in Reports: 05/07/2021  
Number of Days to Update: 79

Source: Department of Toxic Substances Control  
Telephone: 877-786-9427  
Last EDR Contact: 05/14/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Quarterly

## HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001  
Date Data Arrived at EDR: 01/22/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 76

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/22/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/16/2021  
Date Data Arrived at EDR: 02/17/2021  
Date Made Active in Reports: 05/10/2021  
Number of Days to Update: 82

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 05/14/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Quarterly

## HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/05/2021  
Date Data Arrived at EDR: 01/05/2021  
Date Made Active in Reports: 03/18/2021  
Number of Days to Update: 72

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 04/06/2021  
Next Scheduled EDR Contact: 07/19/2021  
Data Release Frequency: Quarterly

## MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/08/2021  
Date Data Arrived at EDR: 03/09/2021  
Date Made Active in Reports: 03/30/2021  
Number of Days to Update: 21

Source: Department of Conservation  
Telephone: 916-322-1080  
Last EDR Contact: 06/03/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Quarterly

## MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/29/2021  
Date Data Arrived at EDR: 03/03/2021  
Date Made Active in Reports: 05/20/2021  
Number of Days to Update: 78

Source: Department of Public Health  
Telephone: 916-558-1784  
Last EDR Contact: 05/28/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Varies

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/08/2021  
Date Data Arrived at EDR: 02/09/2021  
Date Made Active in Reports: 05/04/2021  
Number of Days to Update: 84

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 05/11/2021  
Next Scheduled EDR Contact: 08/23/2021  
Data Release Frequency: Quarterly

## PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/02/2021  
Date Data Arrived at EDR: 03/03/2021  
Date Made Active in Reports: 05/20/2021  
Number of Days to Update: 78

Source: Department of Pesticide Regulation  
Telephone: 916-445-4038  
Last EDR Contact: 05/28/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Quarterly

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/09/2021  
Date Data Arrived at EDR: 03/09/2021  
Date Made Active in Reports: 03/31/2021  
Number of Days to Update: 22

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 06/04/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Quarterly

## NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/12/2021  
Date Data Arrived at EDR: 03/16/2021  
Date Made Active in Reports: 06/01/2021  
Number of Days to Update: 77

Source: State Water Resources Control Board  
Telephone: 916-445-3846  
Last EDR Contact: 06/08/2021  
Next Scheduled EDR Contact: 09/27/2021  
Data Release Frequency: No Update Planned

## UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/08/2021  
Date Data Arrived at EDR: 03/09/2021  
Date Made Active in Reports: 03/31/2021  
Number of Days to Update: 22

Source: Department of Conservation  
Telephone: 916-445-2408  
Last EDR Contact: 06/03/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Varies

## UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 03/08/2021  
Date Data Arrived at EDR: 03/09/2021  
Date Made Active in Reports: 03/30/2021  
Number of Days to Update: 21

Source: State Water Resource Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 06/03/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 01/07/2020	Telephone: 559-445-5577
Date Made Active in Reports: 03/09/2020	Last EDR Contact: 04/09/2021
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Varies

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 05/14/2021
Number of Days to Update: 9	Next Scheduled EDR Contact: 08/30/2021
	Data Release Frequency: No Update Planned

## WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 06/15/2021
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: No Update Planned

## MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

## PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

## WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/09/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-341-5810
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/07/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 11/30/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/01/2020	Telephone: 866-794-4977
Date Made Active in Reports: 02/12/2021	Last EDR Contact: 05/19/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Varies

## CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 01/20/2021	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 01/20/2021	Telephone: 916-323-2514
Date Made Active in Reports: 04/08/2021	Last EDR Contact: 04/20/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

## NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

## OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

## PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

## SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

## PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011	Source: EPA, Office of Water
Date Data Arrived at EDR: 08/05/2011	Telephone: 202-564-2496
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 03/31/2021
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Semi-Annually

## PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014	Source: EPA
Date Data Arrived at EDR: 01/06/2015	Telephone: 202-564-2496
Date Made Active in Reports: 05/06/2015	Last EDR Contact: 03/31/2021
Number of Days to Update: 120	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Semi-Annually

## PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 02/05/2015	Telephone: 202-564-2497
Date Made Active in Reports: 03/06/2015	Last EDR Contact: 03/31/2021
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Varies

## MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018	Source: USGS
Date Data Arrived at EDR: 10/21/2019	Telephone: 703-648-6533
Date Made Active in Reports: 10/24/2019	Last EDR Contact: 05/27/2021
Number of Days to Update: 3	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Varies

## HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/08/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/09/2021	Telephone: 916-324-2444
Date Made Active in Reports: 04/20/2021	Last EDR Contact: 04/05/2021
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/19/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR HIGH RISK HISTORICAL RECORDS

### ***EDR Exclusive Records***

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### ***Exclusive Recovered Govt. Archives***

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/13/2014  
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/30/2013  
Number of Days to Update: 182

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019  
Date Data Arrived at EDR: 01/11/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 53

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 03/31/2021  
Next Scheduled EDR Contact: 07/19/2021  
Data Release Frequency: Semi-Annually

#### UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 03/17/2021  
Date Data Arrived at EDR: 03/18/2021  
Date Made Active in Reports: 03/25/2021  
Number of Days to Update: 7

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 03/17/2021  
Next Scheduled EDR Contact: 07/19/2021  
Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

#### CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 02/02/2021  
Date Data Arrived at EDR: 02/04/2021  
Date Made Active in Reports: 04/23/2021  
Number of Days to Update: 78

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Varies

### BUTTE COUNTY:

#### CUPA BUTTE: CUPA Facility Listing

Cupa facility list.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/21/2017  
Date Data Arrived at EDR: 04/25/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 106

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 03/31/2021  
Next Scheduled EDR Contact: 07/19/2021  
Data Release Frequency: No Update Planned

## CALVERAS COUNTY:

### CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 12/15/2020  
Date Data Arrived at EDR: 12/16/2020  
Date Made Active in Reports: 12/24/2020  
Number of Days to Update: 8

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 06/15/2021  
Next Scheduled EDR Contact: 10/04/2021  
Data Release Frequency: Quarterly

## COLUSA COUNTY:

### CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 04/06/2020  
Date Data Arrived at EDR: 04/23/2020  
Date Made Active in Reports: 07/10/2020  
Number of Days to Update: 78

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Semi-Annually

## CONTRA COSTA COUNTY:

### SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 01/25/2021  
Date Data Arrived at EDR: 01/26/2021  
Date Made Active in Reports: 04/16/2021  
Number of Days to Update: 80

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 04/20/2021  
Next Scheduled EDR Contact: 08/09/2021  
Data Release Frequency: Semi-Annually

## DEL NORTE COUNTY:

### CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 12/17/2020  
Date Data Arrived at EDR: 01/28/2021  
Date Made Active in Reports: 04/16/2021  
Number of Days to Update: 78

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 04/21/2021  
Next Scheduled EDR Contact: 08/09/2021  
Data Release Frequency: Varies

## EL DORADO COUNTY:

### CUPA EL DORADO: CUPA Facility List CUPA facility list.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/09/2021  
Date Data Arrived at EDR: 02/11/2021  
Date Made Active in Reports: 05/05/2021  
Number of Days to Update: 83

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 05/05/2021  
Next Scheduled EDR Contact: 08/09/2021  
Data Release Frequency: Varies

## FRESNO COUNTY:

### CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/14/2021  
Date Data Arrived at EDR: 01/15/2021  
Date Made Active in Reports: 04/05/2021  
Number of Days to Update: 80

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 04/01/2021  
Next Scheduled EDR Contact: 07/12/2021  
Data Release Frequency: Semi-Annually

## GLENN COUNTY:

### CUPA GLENN: CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018  
Date Data Arrived at EDR: 01/24/2018  
Date Made Active in Reports: 03/14/2018  
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District  
Telephone: 830-934-6500  
Last EDR Contact: 04/14/2021  
Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: No Update Planned

## HUMBOLDT COUNTY:

### CUPA HUMBOLDT: CUPA Facility List

CUPA facility list.

Date of Government Version: 05/17/2021  
Date Data Arrived at EDR: 05/18/2021  
Date Made Active in Reports: 05/20/2021  
Number of Days to Update: 2

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 05/10/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Semi-Annually

## IMPERIAL COUNTY:

### CUPA IMPERIAL: CUPA Facility List

Cupa facility list.

Date of Government Version: 01/19/2021  
Date Data Arrived at EDR: 01/20/2021  
Date Made Active in Reports: 04/08/2021  
Number of Days to Update: 78

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 04/14/2021  
Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

## INYO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018  
Date Data Arrived at EDR: 04/03/2018  
Date Made Active in Reports: 06/14/2018  
Number of Days to Update: 77

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 05/11/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Varies

## KERN COUNTY:

### CUPA KERN: CUPA Facility List

A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/29/2020  
Date Data Arrived at EDR: 10/30/2020  
Date Made Active in Reports: 01/15/2021  
Number of Days to Update: 77

Source: Kern County Public Health  
Telephone: 661-321-3000  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Varies

### UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 01/19/2021  
Date Data Arrived at EDR: 01/21/2021  
Date Made Active in Reports: 01/28/2021  
Number of Days to Update: 7

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Quarterly

## KINGS COUNTY:

### CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020  
Date Data Arrived at EDR: 01/26/2021  
Date Made Active in Reports: 04/14/2021  
Number of Days to Update: 78

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Varies

## LAKE COUNTY:

### CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 02/10/2021  
Date Data Arrived at EDR: 02/12/2021  
Date Made Active in Reports: 03/11/2021  
Number of Days to Update: 27

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 04/07/2021  
Next Scheduled EDR Contact: 07/26/2021  
Data Release Frequency: Varies

## LASSEN COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 07/31/2020  
Date Data Arrived at EDR: 08/21/2020  
Date Made Active in Reports: 11/09/2020  
Number of Days to Update: 80

Source: Lassen County Environmental Health  
Telephone: 530-251-8528  
Last EDR Contact: 06/04/2021  
Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

## LOS ANGELES COUNTY:

### AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: N/A  
Telephone: N/A  
Last EDR Contact: 06/08/2021  
Next Scheduled EDR Contact: 09/27/2021  
Data Release Frequency: No Update Planned

### HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/11/2021  
Date Data Arrived at EDR: 01/12/2021  
Date Made Active in Reports: 03/25/2021  
Number of Days to Update: 72

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 04/05/2021  
Next Scheduled EDR Contact: 07/19/2021  
Data Release Frequency: Semi-Annually

### LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/11/2021  
Date Data Arrived at EDR: 01/12/2021  
Date Made Active in Reports: 03/26/2021  
Number of Days to Update: 73

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 04/13/2021  
Next Scheduled EDR Contact: 07/26/2021  
Data Release Frequency: Varies

### LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2021  
Date Data Arrived at EDR: 02/18/2021  
Date Made Active in Reports: 05/10/2021  
Number of Days to Update: 81

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 04/07/2021  
Next Scheduled EDR Contact: 07/26/2021  
Data Release Frequency: Varies

### LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019  
Date Data Arrived at EDR: 06/25/2019  
Date Made Active in Reports: 08/22/2019  
Number of Days to Update: 58

Source: Los Angeles Fire Department  
Telephone: 213-978-3800  
Last EDR Contact: 03/26/2021  
Next Scheduled EDR Contact: 07/05/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 02/04/2021	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 04/16/2021	Telephone: 626-458-6973
Date Made Active in Reports: 04/21/2021	Last EDR Contact: 04/16/2021
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/26/2021
	Data Release Frequency: No Update Planned

## LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 03/26/2021
Number of Days to Update: 58	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Varies

## LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 03/26/2021
Number of Days to Update: 58	Next Scheduled EDR Contact: 07/05/2021
	Data Release Frequency: Varies

## SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 10/19/2020	Source: Community Health Services
Date Data Arrived at EDR: 01/12/2021	Telephone: 323-890-7806
Date Made Active in Reports: 03/26/2021	Last EDR Contact: 04/16/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 07/26/2021
	Data Release Frequency: Annually

## UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 04/07/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/26/2021
	Data Release Frequency: No Update Planned

## UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 04/14/2021
Number of Days to Update: 65	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST TORRANCE: City of Torrance Underground Storage Tank  
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 09/11/2020	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 10/07/2020	Telephone: 310-618-2973
Date Made Active in Reports: 12/23/2020	Last EDR Contact: 04/23/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 05/12/2021
Number of Days to Update: 72	Next Scheduled EDR Contact: 08/30/2021
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites  
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 03/25/2021
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/12/2021
	Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database  
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/21/2020	Source: Department of Public Health
Date Data Arrived at EDR: 12/21/2020	Telephone: 707-463-4466
Date Made Active in Reports: 03/10/2021	Last EDR Contact: 05/18/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List  
CUPA facility list.

Date of Government Version: 02/04/2021	Source: Merced County Environmental Health
Date Data Arrived at EDR: 02/09/2021	Telephone: 209-381-1094
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 05/12/2021
Number of Days to Update: 9	Next Scheduled EDR Contact: 08/30/2021
	Data Release Frequency: Varies

MONO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA MONO: CUPA Facility List CUPA Facility List

Date of Government Version: 02/22/2021  
Date Data Arrived at EDR: 03/02/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 78

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 06/02/2021  
Next Scheduled EDR Contact: 09/06/3021  
Data Release Frequency: Varies

## MONTEREY COUNTY:

### CUPA MONTEREY: CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 01/08/2021  
Date Data Arrived at EDR: 01/12/2021  
Date Made Active in Reports: 03/25/2021  
Number of Days to Update: 78

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 03/25/2021  
Next Scheduled EDR Contact: 07/12/2021  
Data Release Frequency: Varies

## NAPA COUNTY:

### LUST NAPA: Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017  
Date Data Arrived at EDR: 01/11/2017  
Date Made Active in Reports: 03/02/2017  
Number of Days to Update: 50

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 05/18/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: No Update Planned

### UST NAPA: Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019  
Date Data Arrived at EDR: 09/09/2019  
Date Made Active in Reports: 10/31/2019  
Number of Days to Update: 52

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 05/18/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA NEVADA: CUPA Facility List

CUPA facility list.

Date of Government Version: 02/03/2021  
Date Data Arrived at EDR: 02/04/2021  
Date Made Active in Reports: 04/23/2021  
Number of Days to Update: 78

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 04/21/2021  
Next Scheduled EDR Contact: 08/09/2021  
Data Release Frequency: Varies

## ORANGE COUNTY:

### IND\_SITE ORANGE: List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/01/2021  
Date Data Arrived at EDR: 02/04/2021  
Date Made Active in Reports: 04/23/2021  
Number of Days to Update: 78

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 04/29/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups  
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/01/2021  
Date Data Arrived at EDR: 05/03/2021  
Date Made Active in Reports: 05/12/2021  
Number of Days to Update: 9

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 04/29/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities  
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/01/2021  
Date Data Arrived at EDR: 02/02/2021  
Date Made Active in Reports: 04/20/2021  
Number of Days to Update: 77

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 04/30/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 05/25/2021  
Date Data Arrived at EDR: 05/26/2021  
Date Made Active in Reports: 06/01/2021  
Number of Days to Update: 6

Source: Placer County Health and Human Services  
Telephone: 530-745-2363  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019  
Date Data Arrived at EDR: 04/23/2019  
Date Made Active in Reports: 06/26/2019  
Number of Days to Update: 64

Source: Plumas County Environmental Health  
Telephone: 530-283-6355  
Last EDR Contact: 04/14/2021  
Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites  
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/13/2021  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 03/10/2021  
Number of Days to Update: 55

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 06/08/2021  
Next Scheduled EDR Contact: 09/27/2021  
Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/13/2021  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 03/10/2021  
Number of Days to Update: 55

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 06/07/2021  
Next Scheduled EDR Contact: 09/26/2021  
Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

### CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/18/2020  
Date Data Arrived at EDR: 03/31/2020  
Date Made Active in Reports: 06/15/2020  
Number of Days to Update: 76

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 03/31/2021  
Next Scheduled EDR Contact: 07/12/2021  
Data Release Frequency: Quarterly

### ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/24/2020  
Date Data Arrived at EDR: 03/31/2020  
Date Made Active in Reports: 06/17/2020  
Number of Days to Update: 78

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 04/01/2021  
Next Scheduled EDR Contact: 07/12/2021  
Data Release Frequency: Quarterly

## SAN BENITO COUNTY:

### CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 04/28/2021  
Date Data Arrived at EDR: 04/29/2021  
Date Made Active in Reports: 05/03/2021  
Number of Days to Update: 4

Source: San Benito County Environmental Health  
Telephone: N/A  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Varies

## SAN BERNARDINO COUNTY:

### PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/19/2021  
Date Data Arrived at EDR: 05/19/2021  
Date Made Active in Reports: 06/07/2021  
Number of Days to Update: 19

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 05/03/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/02/2021  
Date Data Arrived at EDR: 03/03/2021  
Date Made Active in Reports: 05/21/2021  
Number of Days to Update: 79

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 05/28/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Quarterly

## LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020  
Date Data Arrived at EDR: 11/23/2020  
Date Made Active in Reports: 02/08/2021  
Number of Days to Update: 77

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 05/21/2021  
Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

## SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020  
Date Data Arrived at EDR: 07/16/2020  
Date Made Active in Reports: 09/29/2020  
Number of Days to Update: 75

Source: Department of Environmental Health  
Telephone: 858-505-6874  
Last EDR Contact: 04/14/2021  
Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

## SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010  
Date Data Arrived at EDR: 06/15/2010  
Date Made Active in Reports: 07/09/2010  
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

### CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 02/11/2021  
Date Data Arrived at EDR: 02/11/2021  
Date Made Active in Reports: 05/05/2021  
Number of Days to Update: 83

Source: San Francisco County Department of Environmental Health  
Telephone: 415-252-3896  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Varies

### LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/19/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 09/29/2008  
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: No Update Planned

## UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 02/11/2021  
Date Data Arrived at EDR: 02/11/2021  
Date Made Active in Reports: 05/05/2021  
Number of Days to Update: 83

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Quarterly

## SAN JOAQUIN COUNTY:

### UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018  
Date Data Arrived at EDR: 06/26/2018  
Date Made Active in Reports: 07/11/2018  
Number of Days to Update: 15

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 06/08/2021  
Next Scheduled EDR Contact: 09/27/2021  
Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:

### CUPA SAN LUIS OBISPO: CUPA Facility List

Cupa Facility List.

Date of Government Version: 05/07/2021  
Date Data Arrived at EDR: 05/11/2021  
Date Made Active in Reports: 05/14/2021  
Number of Days to Update: 3

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 05/06/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Varies

## SAN MATEO COUNTY:

### BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020  
Date Data Arrived at EDR: 02/20/2020  
Date Made Active in Reports: 04/24/2020  
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 06/10/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Annually

### LUST SAN MATEO: Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019  
Date Data Arrived at EDR: 03/29/2019  
Date Made Active in Reports: 05/29/2019  
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 06/02/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Semi-Annually

## SANTA BARBARA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 05/12/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: No Update Planned

## SANTA CLARA COUNTY:

### CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 02/24/2021  
Date Data Arrived at EDR: 02/26/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 28

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 05/12/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Varies

### HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

### LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 13

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 05/18/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: No Update Planned

### SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020  
Date Data Arrived at EDR: 11/05/2020  
Date Made Active in Reports: 01/26/2021  
Number of Days to Update: 82

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 05/21/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Annually

## SANTA CRUZ COUNTY:

### CUPA SANTA CRUZ: CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 05/23/2017  
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 05/12/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Varies

## SHASTA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA SHASTA: CUPA Facility List Cupa Facility List.

Date of Government Version: 06/15/2017  
Date Data Arrived at EDR: 06/19/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 51

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 05/12/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Varies

## SOLANO COUNTY:

### LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019  
Date Data Arrived at EDR: 06/06/2019  
Date Made Active in Reports: 08/13/2019  
Number of Days to Update: 68

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Quarterly

### UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/23/2021  
Date Data Arrived at EDR: 03/25/2021  
Date Made Active in Reports: 06/10/2021  
Number of Days to Update: 77

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 06/08/2021  
Next Scheduled EDR Contact: 09/12/2021  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

### CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 12/15/2020  
Date Data Arrived at EDR: 12/16/2020  
Date Made Active in Reports: 12/23/2020  
Number of Days to Update: 7

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 06/15/2021  
Next Scheduled EDR Contact: 10/04/2021  
Data Release Frequency: Varies

### LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/05/2021  
Date Data Arrived at EDR: 01/06/2021  
Date Made Active in Reports: 03/18/2021  
Number of Days to Update: 71

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 06/15/2021  
Next Scheduled EDR Contact: 10/04/2021  
Data Release Frequency: Quarterly

## STANISLAUS COUNTY:

### CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 02/09/2021  
Date Data Arrived at EDR: 02/11/2021  
Date Made Active in Reports: 05/05/2021  
Number of Days to Update: 83

Source: Stanislaus County Department of Environmental Protection  
Telephone: 209-525-6751  
Last EDR Contact: 04/21/2021  
Next Scheduled EDR Contact: 07/26/2021  
Data Release Frequency: Varies

## SUTTER COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 03/01/2021  
Date Data Arrived at EDR: 03/02/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 78

Source: Sutter County Environmental Health Services  
Telephone: 530-822-7500  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Semi-Annually

## TEHAMA COUNTY:

### CUPA TEHAMA: CUPA Facility List

Cupa facilities

Date of Government Version: 01/13/2021  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 04/06/2021  
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health  
Telephone: 530-527-8020  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Varies

## TRINITY COUNTY:

### CUPA TRINITY: CUPA Facility List

Cupa facility list

Date of Government Version: 01/19/2021  
Date Data Arrived at EDR: 01/20/2021  
Date Made Active in Reports: 04/08/2021  
Number of Days to Update: 78

Source: Department of Toxic Substances Control  
Telephone: 760-352-0381  
Last EDR Contact: 04/14/2021  
Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

## TULARE COUNTY:

### CUPA TULARE: CUPA Facility List

Cupa program facilities

Date of Government Version: 02/02/2021  
Date Data Arrived at EDR: 02/04/2021  
Date Made Active in Reports: 04/23/2021  
Number of Days to Update: 78

Source: Tulare County Environmental Health Services Division  
Telephone: 559-624-7400  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Varies

## TUOLUMNE COUNTY:

### CUPA TUOLUMNE: CUPA Facility List

Cupa facility list

Date of Government Version: 04/23/2018  
Date Data Arrived at EDR: 04/25/2018  
Date Made Active in Reports: 06/25/2018  
Number of Days to Update: 61

Source: Division of Environmental Health  
Telephone: 209-533-5633  
Last EDR Contact: 04/14/2021  
Next Scheduled EDR Contact: 08/02/2021  
Data Release Frequency: Varies

## VENTURA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/28/2020	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 01/29/2021	Telephone: 805-654-2813
Date Made Active in Reports: 04/22/2021	Last EDR Contact: 04/19/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Quarterly

## LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 03/25/2021
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/12/2021
	Data Release Frequency: No Update Planned

## LUST VENTURA: Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 05/05/2021
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/23/2021
	Data Release Frequency: No Update Planned

## MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/29/2021	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 04/21/2021	Telephone: 805-654-2813
Date Made Active in Reports: 04/23/2021	Last EDR Contact: 04/19/2021
Number of Days to Update: 2	Next Scheduled EDR Contact: 08/02/2021
	Data Release Frequency: Quarterly

## UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 03/01/2021	Source: Environmental Health Division
Date Data Arrived at EDR: 03/09/2021	Telephone: 805-654-2813
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly

## YOLO COUNTY:

### UST YOLO: Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 12/21/2020	Source: Yolo County Department of Health
Date Data Arrived at EDR: 12/23/2020	Telephone: 530-666-8646
Date Made Active in Reports: 01/04/2021	Last EDR Contact: 03/26/2021
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/12/2021
	Data Release Frequency: Annually

## YUBA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 04/21/2021  
Date Data Arrived at EDR: 04/22/2021  
Date Made Active in Reports: 05/12/2021  
Number of Days to Update: 20

Source: Yuba County Environmental Health Department  
Telephone: 530-749-7523  
Last EDR Contact: 04/24/2021  
Next Scheduled EDR Contact: 08/09/2021  
Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

## CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 10/05/2020  
Date Data Arrived at EDR: 02/17/2021  
Date Made Active in Reports: 05/10/2021  
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 05/11/2021  
Next Scheduled EDR Contact: 08/23/2021  
Data Release Frequency: No Update Planned

## NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 04/10/2019  
Date Made Active in Reports: 05/16/2019  
Number of Days to Update: 36

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 04/09/2021  
Next Scheduled EDR Contact: 07/19/2021  
Data Release Frequency: Annually

## NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019  
Date Data Arrived at EDR: 04/29/2020  
Date Made Active in Reports: 07/10/2020  
Number of Days to Update: 72

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 04/30/2021  
Next Scheduled EDR Contact: 08/09/2021  
Data Release Frequency: Quarterly

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018  
Date Data Arrived at EDR: 07/19/2019  
Date Made Active in Reports: 09/10/2019  
Number of Days to Update: 53

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 04/09/2021  
Next Scheduled EDR Contact: 07/26/2021  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 02/11/2021  
Date Made Active in Reports: 02/24/2021  
Number of Days to Update: 13

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 05/13/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Annually



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018  
Date Data Arrived at EDR: 06/19/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 76

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 06/03/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

## Electric Power Transmission Line Data

Source: Endeavor Business Media

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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

## AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## Nursing Homes

Source: National Institutes of Health  
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## Public Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## Private Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

## Daycare Centers: Licensed Facilities

Source: Department of Social Services  
Telephone: 916-657-4041

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory  
Source: Department of Fish and Wildlife  
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map  
Source: U.S. Geological Survey

### **STREET AND ADDRESS INFORMATION**

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

9700, 9850, AND 9916 CAMINO MEDIA  
9700, 9850, AND 9916 CAMINO MEDIA  
BAKERSFIELD, CA 93311

### TARGET PROPERTY COORDINATES

Latitude (North):	35.344423 - 35° 20' 39.92"
Longitude (West):	119.110835 - 119° 6' 39.01"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	308174.5
UTM Y (Meters):	3913085.5
Elevation:	374 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	5639816 GOSFORD, CA
Version Date:	2012
Southwest Map:	5639511 STEVENS, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

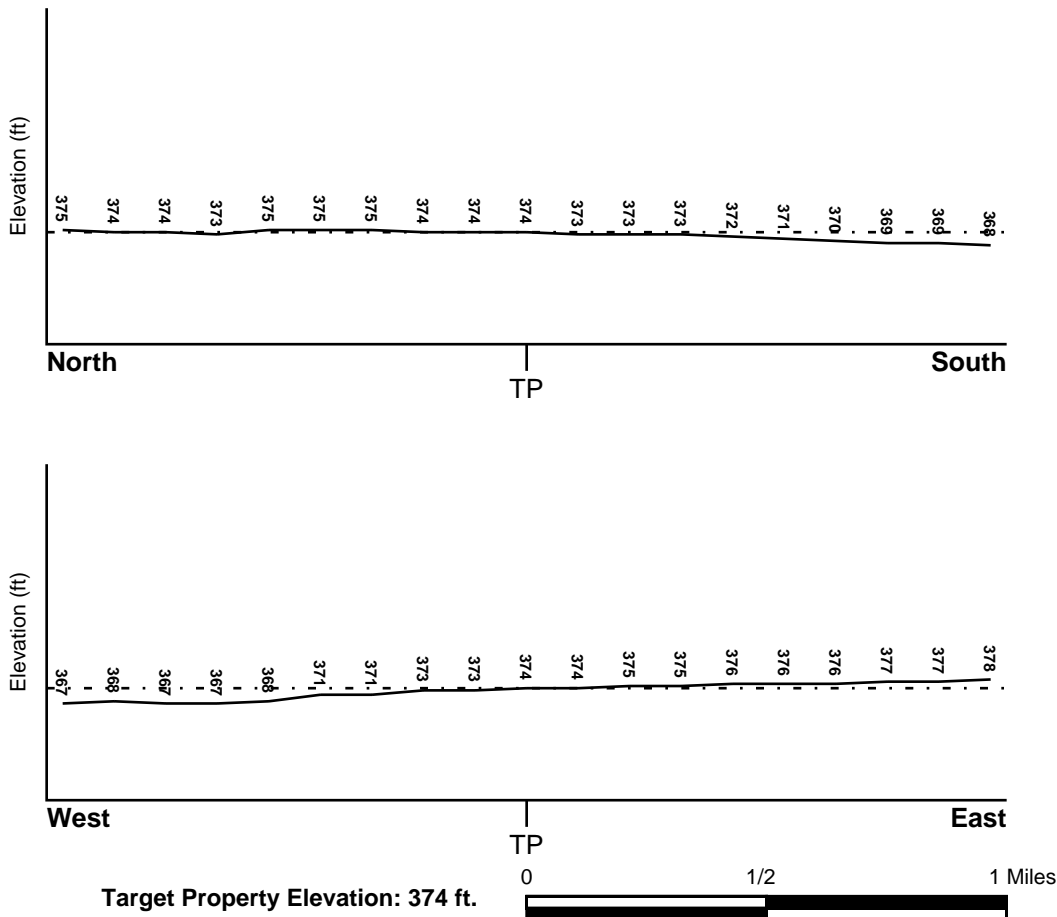
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06029C2276E	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06029C2275E	FEMA FIRM Flood data
06029C2257E	FEMA FIRM Flood data
06029C2277E	FEMA FIRM Flood data
06029C2300E	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
GOSFORD	YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### ***Site-Specific Hydrogeological Data\*:***

Search Radius:	1.25 miles
Status:	Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

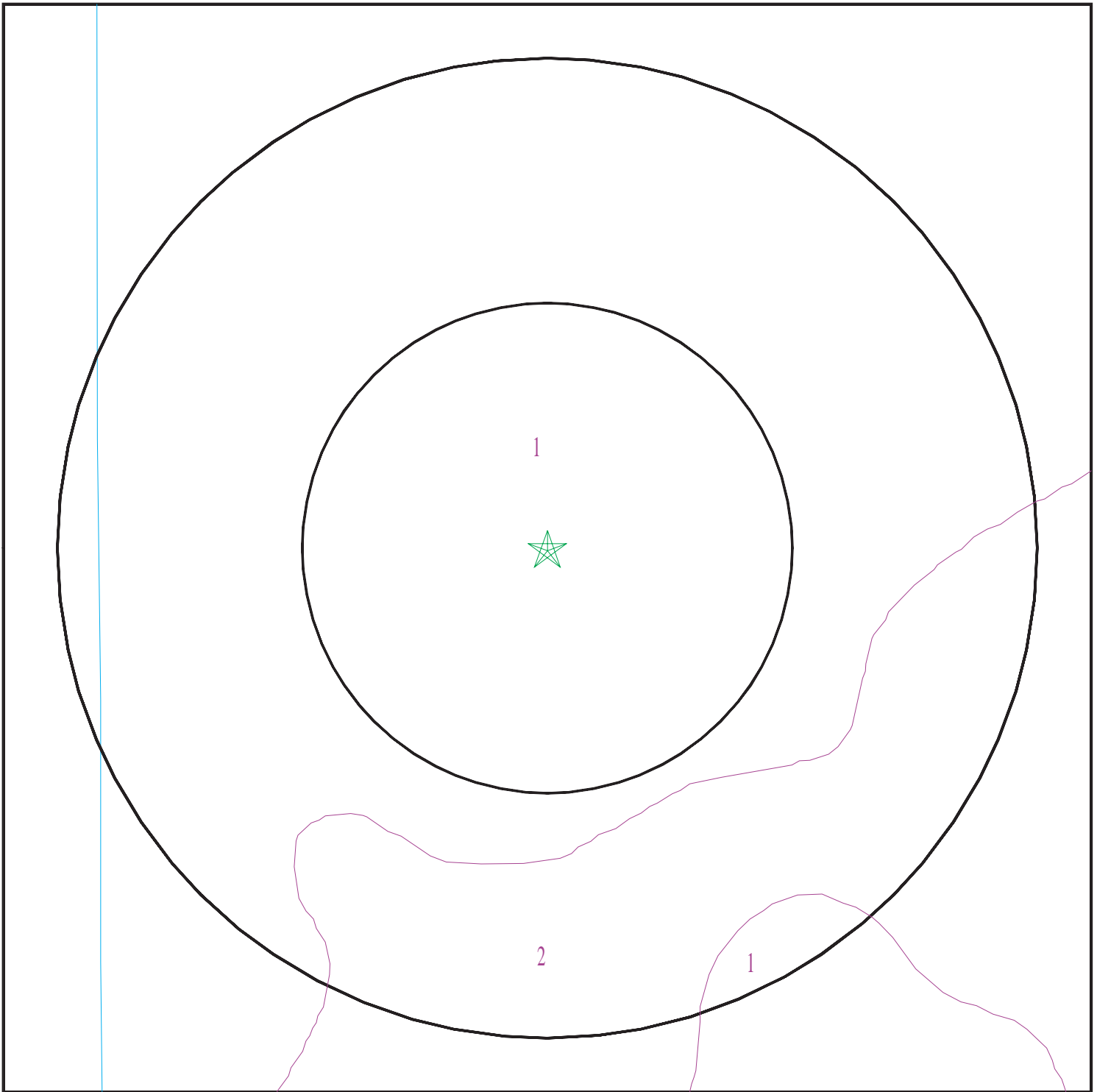
Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 6540005.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water

0 1/16 1/8 1/4 Miles



SITE NAME: 9700, 9850, and 9916 Camino Media  
ADDRESS: 9700, 9850, and 9916 Camino Media  
Bakersfield CA 93311  
LAT/LONG: 35.344423 / 119.110835

CLIENT: Advanced Env. Concepts  
CONTACT: Vanessa Radsick  
INQUIRY #: 6540005.2s  
DATE: June 16, 2021 4:17 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

#### Soil Map ID: 1

Soil Component Name: WASCO

Soil Surface Texture:  
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches		Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 6.6
2	14 inches	59 inches		Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 6.6

#### Soil Map ID: 2

Soil Component Name: CAJON

Soil Surface Texture:  
Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches		Not reported	Not reported	Max: 141 Min: 42	Max: 8.4 Min: 7.4
2	9 inches	40 inches		Not reported	Not reported	Max: 141 Min: 42	Max: 8.4 Min: 7.4
3	40 inches	59 inches		Not reported	Not reported	Max: 141 Min: 42	Max: 8.4 Min: 7.4

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A3	USGS40000163098	0 - 1/8 Mile North
C8	USGS40000163095	1/4 - 1/2 Mile WNW
D11	USGS40000162972	1/2 - 1 Mile South
17	USGS40000163208	1/2 - 1 Mile North
G19	USGS40000162976	1/2 - 1 Mile SW
H22	USGS40000162971	1/2 - 1 Mile SE
I27	USGS40000163222	1/2 - 1 Mile NE
37	USGS40000163120	1/2 - 1 Mile ENE

### **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE DATABASE WELL INFORMATION

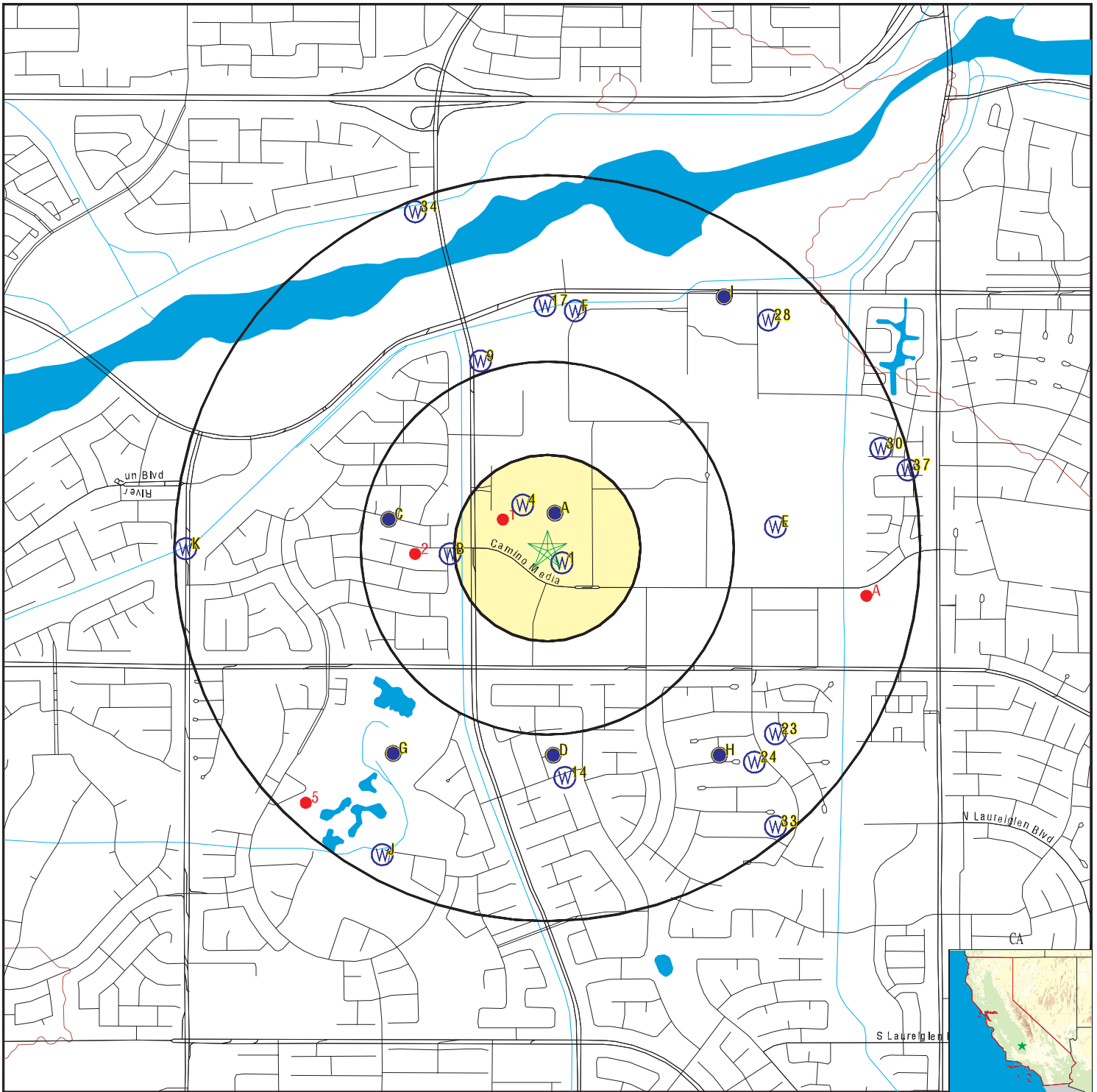
MAP ID	WELL ID	LOCATION FROM TP
1	17527	0 - 1/8 Mile SE
A2	CADWR0000010991	0 - 1/8 Mile NNE
4	CADWR8000017916	1/8 - 1/4 Mile NNW
B5	CADDW0000022106	1/8 - 1/4 Mile West
B6	CALLNL000000500	1/4 - 1/2 Mile West
C7	CADWR8000017912	1/4 - 1/2 Mile West
9	CADWR0000033662	1/2 - 1 Mile NNW
D10	CADWR8000017840	1/2 - 1 Mile South
E12	CADWR0000025269	1/2 - 1 Mile East
E13	CADWR8000017911	1/2 - 1 Mile East
14	CADWR0000001343	1/2 - 1 Mile South
F15	CADWR0000037247	1/2 - 1 Mile North
F16	CADWR8000017974	1/2 - 1 Mile North
G18	CADWR8000017841	1/2 - 1 Mile SW
G20	CADWR0000032470	1/2 - 1 Mile SW
H21	CADWR8000017839	1/2 - 1 Mile SE
23	CADWR0000020488	1/2 - 1 Mile SE
24	CADWR0000018095	1/2 - 1 Mile SE
I25	CADWR0000000143	1/2 - 1 Mile NE
I26	CADWR8000017984	1/2 - 1 Mile NNE
28	17526	1/2 - 1 Mile NE
J29	CADWR8000017805	1/2 - 1 Mile SSW
30	CADWR8000017934	1/2 - 1 Mile ENE
J31	CADWR0000018136	1/2 - 1 Mile SSW
J32	CADWR8000017806	1/2 - 1 Mile SSW
33	CADWR0000001338	1/2 - 1 Mile SE
34	CADDW0000015324	1/2 - 1 Mile NNW
K35	CADWR8000017909	1/2 - 1 Mile West
K36	CADWR0000037987	1/2 - 1 Mile West

## OTHER STATE DATABASE INFORMATION

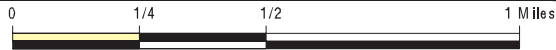
### STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG14000004226	1/8 - 1/4 Mile WNW
2	CAOG14000003675	1/4 - 1/2 Mile West
A3	CAOG14000002498	1/2 - 1 Mile East
A4	CAOG14000003678	1/2 - 1 Mile East
5	CAOG14000002910	1/2 - 1 Mile SW

# PHYSICAL SETTING SOURCE MAP - 6540005.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: 9700, 9850, and 9916 Camino Media  
 ADDRESS: 9700, 9850, and 9916 Camino Media  
 Bakersfield CA 93311  
 LAT/LONG: 35.344423 / 119.110835

CLIENT: Advanced Env. Concepts  
 CONTACT: Vanessa Radsick  
 INQUIRY #: 6540005.2s  
 DATE: June 16, 2021 4:17 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**1**  
**SE**  
**0 - 1/8 Mile**  
**Higher**

**CA WELLS      17527**

Seq:	17527	Prim sta c:	30S/27E-06J02 M
Frds no:	1510031030	County:	15
District:	12	User id:	CYA
System no:	1510031	Water type:	G
Source nam:	WELL CBK 23-01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	352038.0	Longitude:	1190633.0
Precision:	3	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1510031	System nam:	Bakersfield, City Of
Hqname:	CALIFORNIA WTR SERV CO	Address:	1000 BUENA VISTA RD
City:	BAKERSFIELD	State:	CA
Zip:	93311	Zip ext:	Not Reported
Pop serv:	57740	Connection:	18872
Area serve:	Not Reported		

Sample date:	19-SEP-17	Finding:	6.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		

Sample date:	12-SEP-17	Finding:	2.324
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	20-JUN-17	Finding:	8.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		

Sample date:	20-JUN-17	Finding:	6.e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dir:	5.e-003		

Sample date:	28-MAR-17	Finding:	3.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		

Sample date:	27-SEP-16	Finding:	0.95
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		

Sample date:	27-SEP-16	Finding:	2.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	27-SEP-16	Finding:	11.9
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		

Sample date:	27-SEP-16	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	27-SEP-16	Finding:	3.e-002
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	27-SEP-16	Finding:	160.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	27-SEP-16	Finding:	1.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	27-SEP-16	Finding:	254.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	27-SEP-16	Finding:	8.28
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	27-SEP-16	Finding:	72.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	27-SEP-16	Finding:	88.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	27-SEP-16	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	27-SEP-16	Finding:	63.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	27-SEP-16	Finding:	24.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	27-SEP-16	Finding:	30.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	27-SEP-16	Finding:	1.7
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	27-SEP-16	Finding:	13.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	27-SEP-16	Finding:	17.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	27-SEP-16	Finding:	8.7e-002
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	27-SEP-16	Finding:	3.5
Chemical:	ARSENIC	Report units:	UG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	2.		
Sample date:	27-SEP-16	Finding:	36.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	27-SEP-16	Finding:	57.
Chemical:	ZINC	Report units:	UG/L
Dir:	50.		
Sample date:	08-SEP-16	Finding:	7.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	07-JUN-16	Finding:	6.e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dir:	5.e-003		
Sample date:	07-JUN-16	Finding:	9.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	15-MAR-16	Finding:	4.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	24-NOV-15	Finding:	6.e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dir:	5.e-003		
Sample date:	24-NOV-15	Finding:	8.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	15-SEP-15	Finding:	7.e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dir:	5.e-003		
Sample date:	27-JUL-15	Finding:	25.1
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	27-JUL-15	Finding:	7.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	22-JUL-15	Finding:	25.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	22-JUL-15	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	14-JUL-15	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	14-JUL-15	Finding:	21.6
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	01-DEC-14	Finding:	19.2
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	01-DEC-14	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	25-NOV-14	Finding:	7.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	25-NOV-14	Finding:	22.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	17-NOV-14	Finding:	7.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	17-NOV-14	Finding:	19.4
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	12-NOV-14	Finding:	8.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	12-NOV-14	Finding:	19.7
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	03-NOV-14	Finding:	20.3
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	03-NOV-14	Finding:	8.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	27-OCT-14	Finding:	21.4
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	27-OCT-14	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	20-OCT-14	Finding:	7.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	20-OCT-14	Finding:	21.2
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	13-OCT-14	Finding:	22.3
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	06-OCT-14	Finding:	7.6
Chemical:	PH, FIELD	Report units:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	06-OCT-14	Finding:	21.2
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	29-SEP-14	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	29-SEP-14	Finding:	7.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	29-SEP-14	Finding:	7.2e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dir:	5.e-003		
Sample date:	22-SEP-14	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	16-SEP-14	Finding:	7.6
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	09-SEP-14	Finding:	9.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	09-SEP-14	Finding:	25.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	08-SEP-14	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	02-SEP-14	Finding:	8.5
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	27-AUG-14	Finding:	8.5
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-AUG-14	Finding:	8.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	11-AUG-14	Finding:	7.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	04-AUG-14	Finding:	7.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	29-JUL-14	Finding:	8.5
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	22-JUL-14	Finding:	8.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	14-JUL-14	Finding:	7.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	08-JUL-14	Finding:	7.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	01-JUL-14	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	23-JUN-14	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	20-JUN-14	Finding:	7.e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dir:	5.e-003		
Sample date:	17-JUN-14	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	10-JUN-14	Finding:	7.6
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	03-JUN-14	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	27-MAY-14	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	19-MAY-14	Finding:	7.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	12-MAY-14	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	05-MAY-14	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	01-OCT-13	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	23-SEP-13	Finding:	8.6
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-SEP-13	Finding:	87.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	18-SEP-13	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	18-SEP-13	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	18-SEP-13	Finding:	150.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	18-SEP-13	Finding:	2.6
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	18-SEP-13	Finding:	2.6
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	18-SEP-13	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	18-SEP-13	Finding:	0.92
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	18-SEP-13	Finding:	230.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	18-SEP-13	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	18-SEP-13	Finding:	71.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	18-SEP-13	Finding:	53.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	18-SEP-13	Finding:	20.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	18-SEP-13	Finding:	0.74
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	18-SEP-13	Finding:	25.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	18-SEP-13	Finding:	12.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	18-SEP-13	Finding:	19.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	11-SEP-13	Finding:	1.529
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	11-JUN-13	Finding:	7.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	26-NOV-12	Finding:	7.49
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	20-NOV-12	Finding:	7.76
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	16-OCT-12	Finding:	7.92
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-SEP-12	Finding:	7.92
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	14-SEP-12	Finding:	9.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	11-SEP-12	Finding:	8.22
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	11-SEP-12	Finding:	23.8
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	07-SEP-12	Finding:	6.6e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dir:	5.e-003		
Sample date:	21-AUG-12	Finding:	8.16
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	17-JUL-12	Finding:	8.23
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	19-JUN-12	Finding:	9.e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	19-JUN-12	Finding:	6.4e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dir:	5.e-003		
Sample date:	19-JUN-12	Finding:	8.24
Chemical:	PH, FIELD	Report units:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir: 0.

Sample date:	22-MAY-12	Finding:	8.32
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		

Sample date:	21-MAY-12	Finding:	8.37
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		

**A2  
NNE  
0 - 1/8 Mile  
Higher**

**CA WELLS    CADWR0000010991**

Well ID:	30S27E06J001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	30S27E06J001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S27E06J001M&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S27E06J001M&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**A3  
North  
0 - 1/8 Mile  
Higher**

**FED USGS    USGS40000163098**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	030S027E06J001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1961-02-09
Feet below surface:	64.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**4  
NNW  
1/8 - 1/4 Mile  
Higher**

**CA WELLS    CADWR8000017916**

State Well #:	30S27E06J001M	Station ID:	22828
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Kern County	Well Completion Rpt #:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**B5**  
**West**  
**1/8 - 1/4 Mile**  
**Lower**

**CA WELLS      CADDW0000022106**

Well ID:	1510031-030	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL CBK 23-01 - BEFORE_GAC-TCP		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=1510031-030&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=1510031-030&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**B6**  
**West**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CALLNL000000500**

Well ID:	101678	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	30S/27E-06J02 M		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Helium-4	Results:	.000000126317
Units:	cm3STP/g	Date:	03/24/2004

Chemical:	Tritium (Hydrogen 3)	Results:	28.48
Units:	pCi/L	Date:	04/01/2004

Chemical:	Helium-3/Helium-4	Results:	.00000240471
Units:	atom ratio	Date:	03/24/2004

Chemical:	Argon	Results:	.000601677
Units:	cm3STP/g	Date:	03/24/2004

Chemical:	Neon	Results:	.000000600262
Units:	cm3STP/g	Date:	03/24/2004

Chemical:	Krypton	Results:	.000000115209
Units:	cm3STP/g	Date:	03/24/2004

**C7**  
**West**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CADWR8000017912**

State Well #:	30S27E06K002M	Station ID:	22829
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin Name: Kern County Well Completion Rpt #: Not Reported

**C8  
WNW  
1/4 - 1/2 Mile  
Lower**

**FED USGS USGS40000163095**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	030S027E06K001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**9  
NNW  
1/2 - 1 Mile  
Higher**

**CA WELLS CADWR0000033662**

Well ID:	30S27E06A001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	30S27E06A001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S27E06A001M&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S27E06A001M&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**D10  
South  
1/2 - 1 Mile  
Lower**

**CA WELLS CADWR8000017840**

State Well #:	30S27E08E001M	Station ID:	22833
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Kern County	Well Completion Rpt #:	Not Reported

**D11  
South  
1/2 - 1 Mile  
Lower**

**FED USGS USGS40000162972**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	030S027E08E001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	1950	Well Depth:	715
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels, Number of Measurements:	1	Level reading date:	1961-02-09
Feet below surface:	75.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**E12**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS    CADWR0000025269**

Well ID:	30S27E05K001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	30S27E05K001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S27E05K001M&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S27E05K001M&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**E13**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS    CADWR8000017911**

State Well #:	30S27E05K001M	Station ID:	36467
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Kern County	Well Completion Rpt #:	Not Reported

**14**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    CADWR0000001343**

Well ID:	30S27E08E001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	30S27E08E001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S27E08E001M&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S27E08E001M&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**F15**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS    CADWR0000037247**

Well ID:	30S27E05D001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	30S27E05D001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S27E05D001M&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S27E05D001M&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**F16**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADWR8000017974**

State Well #:	30S27E05D001M	Station ID:	36466
Well Name:	30S/27E-05D01	Well Use:	Observation
Well Type:	Single Well	Well Depth:	516
Basin Name:	Kern County	Well Completion Rpt #:	Not Reported

**17**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000163208**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	030S027E05D001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1961-02-09
Feet below surface:	74.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**G18**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR8000017841**

State Well #:	30S27E07B001M	Station ID:	22830
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Kern County	Well Completion Rpt #:	Not Reported

**G19**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000162976**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	030S027E07B001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	1950	Well Depth:	204
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**G20  
SW  
1/2 - 1 Mile  
Lower**

**CA WELLS    CADWR0000032470**

Well ID:	30S27E07B001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	30S27E07B001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S27E07B001M&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S27E07B001M&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**H21  
SE  
1/2 - 1 Mile  
Lower**

**CA WELLS    CADWR8000017839**

State Well #:	30S27E08F001M	Station ID:	22834
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Kern County	Well Completion Rpt #:	Not Reported

**H22  
SE  
1/2 - 1 Mile  
Higher**

**FED USGS    USGS40000162971**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	030S027E08F001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1947	Well Depth:	604
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1961-02-09
Feet below surface:	76.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**23  
SE  
1/2 - 1 Mile  
Higher**

**CA WELLS    CADWR0000020488**

Well ID:	30S27E08B001M	Well Type:	UNK
Source:	Department of Water Resources		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Other Name:	30S27E08B001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=30S27E08B001M&store_num=		
GeoTracker Data:	Not Reported		

**24  
SE  
1/2 - 1 Mile  
Higher**

**CA WELLS      CADWR0000018095**

Well ID:	30S27E08F001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	30S27E08F001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=30S27E08F001M&store_num=		
GeoTracker Data:	Not Reported		

**I25  
NE  
1/2 - 1 Mile  
Higher**

**CA WELLS      CADWR0000000143**

Well ID:	30S27E05C001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	30S27E05C001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=30S27E05C001M&store_num=		
GeoTracker Data:	Not Reported		

**I26  
NNE  
1/2 - 1 Mile  
Higher**

**CA WELLS      CADWR8000017984**

State Well #:	30S27E05C001M	Station ID:	22826
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Kern County	Well Completion Rpt #:	Not Reported

**I27  
NE  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40000163222**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	030S027E05C001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1946	Well Depth:	550
Well Depth Units:	ft	Well Hole Depth:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Hole Depth Units: Not Reported

Ground water levels, Number of Measurements:	1	Level reading date:	1961-02-09
Feet below surface:	72.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**28  
NE  
1/2 - 1 Mile  
Higher**

**CA WELLS    17526**

Seq:	17526	Prim sta c:	30S/27E-05B01 M
Frds no:	1510031003	County:	15
District:	12	User id:	CYA
System no:	1510031	Water type:	G
Source nam:	WELL CBK 19-01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	352112.0	Longitude:	1190558.0
Precision:	3	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1510031	System nam:	Bakersfield, City Of
Hqname:	CALIFORNIA WTR SERV CO	Address:	1000 BUENA VISTA RD
City:	BAKERSFIELD	State:	CA
Zip:	93311	Zip ext:	Not Reported
Pop serv:	57740	Connection:	18872
Area serve:	Not Reported		

Sample date:	30-AUG-17	Finding:	1.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		

Sample date:	30-AUG-17	Finding:	1.8
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dir:	0.		

Sample date:	30-AUG-17	Finding:	295.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		

Sample date:	30-AUG-17	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		

Sample date:	30-AUG-17	Finding:	68.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		

Sample date:	30-AUG-17	Finding:	83.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		

Sample date:	30-AUG-17	Finding:	66.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		

Sample date:	30-AUG-17	Finding:	23.
Chemical:	CALCIUM	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	30-AUG-17	Finding:	1.9
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	30-AUG-17	Finding:	30.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	30-AUG-17	Finding:	1.6
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	30-AUG-17	Finding:	28.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	30-AUG-17	Finding:	29.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	30-AUG-17	Finding:	0.15
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	30-AUG-17	Finding:	40.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	30-AUG-17	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	30-AUG-17	Finding:	0.32
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	30-AUG-17	Finding:	11.5
Chemical:	AGGRSSIVE INDEX (CORROSIIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	30-AUG-17	Finding:	1.2
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	16-AUG-16	Finding:	0.498
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	25-AUG-15	Finding:	2.283
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	21-JUL-15	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	21-JUL-15	Finding:	25.8
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	16-JUN-15	Finding:	7.8
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	16-JUN-15	Finding:	29.2
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	19-MAY-15	Finding:	7.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	19-MAY-15	Finding:	20.1
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	21-APR-15	Finding:	22.4
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	21-APR-15	Finding:	8.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	17-MAR-15	Finding:	21.4
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	17-MAR-15	Finding:	7.6
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	26-FEB-15	Finding:	7.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	26-FEB-15	Finding:	21.6
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	18-FEB-15	Finding:	7.6
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-FEB-15	Finding:	21.1
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	20-JAN-15	Finding:	8.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	20-JAN-15	Finding:	19.1
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	15-DEC-14	Finding:	19.8
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	15-DEC-14	Finding:	7.1
Chemical:	PH, FIELD	Report units:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	17-NOV-14	Finding:	7.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	17-NOV-14	Finding:	20.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	27-OCT-14	Finding:	1.679
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	27-OCT-14	Finding:	1.e-003
Chemical:	BERYLLIUM	Report units:	UG/L
Dir:	1.		
Sample date:	27-OCT-14	Finding:	50.687
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	22-OCT-14	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	22-OCT-14	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	22-OCT-14	Finding:	7.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	22-OCT-14	Finding:	2.8
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	22-OCT-14	Finding:	0.22
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	22-OCT-14	Finding:	0.87
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	22-OCT-14	Finding:	7.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	22-OCT-14	Finding:	0.38
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	22-OCT-14	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	20-OCT-14	Finding:	7.5
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	20-OCT-14	Finding:	22.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	07-OCT-14	Finding:	2.101
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	15-SEP-14	Finding:	7.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	27-AUG-14	Finding:	3.6
Chemical:	BROMODICHLOROMETHANE (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	27-AUG-14	Finding:	2.72
Chemical:	BROMOFORM (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	27-AUG-14	Finding:	4.61
Chemical:	DIBROMOCHLOROMETHANE (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	27-AUG-14	Finding:	2.12
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	27-AUG-14	Finding:	13.
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dir:	0.		
Sample date:	19-AUG-14	Finding:	11.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	19-AUG-14	Finding:	2.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	19-AUG-14	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	19-AUG-14	Finding:	50.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	19-AUG-14	Finding:	6.9e-002
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	19-AUG-14	Finding:	31.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	19-AUG-14	Finding:	8.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	19-AUG-14	Finding:	29.
Chemical:	SOURCE TEMPERATURE C	Report units:	C

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	19-AUG-14	Finding:	8.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	19-AUG-14	Finding:	7.5
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dir:	3.		
Sample date:	19-AUG-14	Finding:	3.7
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	19-AUG-14	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	19-AUG-14	Finding:	29.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	19-AUG-14	Finding:	8.1
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	19-AUG-14	Finding:	0.37
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	19-AUG-14	Finding:	0.7
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	19-AUG-14	Finding:	45.524
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	19-AUG-14	Finding:	6.2e-002
Chemical:	LEAD	Report units:	UG/L
Dir:	5.		
Sample date:	19-AUG-14	Finding:	650.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	19-AUG-14	Finding:	1.58
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	19-AUG-14	Finding:	1.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	19-AUG-14	Finding:	302.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	19-AUG-14	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	19-AUG-14	Finding:	68.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	19-AUG-14	Finding:	83.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	19-AUG-14	Finding:	86.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	19-AUG-14	Finding:	31.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	19-AUG-14	Finding:	2.1
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	19-AUG-14	Finding:	27.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	19-AUG-14	Finding:	1.8
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	19-AUG-14	Finding:	26.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	15-JUL-14	Finding:	7.4
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	17-JUN-14	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	19-MAY-14	Finding:	7.6
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	25-MAR-14	Finding:	7.
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	20-MAR-14	Finding:	7.69
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	19-MAR-14	Finding:	7.68
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	13-MAR-14	Finding:	7.68
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	06-MAR-14	Finding:	7.73
Chemical:	PH, FIELD	Report units:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	01-OCT-13	Finding:	7.7
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	23-SEP-13	Finding:	8.3
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	19-AUG-13	Finding:	22.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	19-AUG-13	Finding:	2.457
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	26-NOV-12	Finding:	7.46
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	20-NOV-12	Finding:	7.22
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	29-OCT-12	Finding:	7.72
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	22-OCT-12	Finding:	7.22
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	16-OCT-12	Finding:	7.37
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	18-SEP-12	Finding:	7.53
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	21-AUG-12	Finding:	7.91
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	14-AUG-12	Finding:	8.02
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	14-AUG-12	Finding:	23.9
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	14-AUG-12	Finding:	2.342
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	17-JUL-12	Finding:	8.15
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	19-JUN-12	Finding:	8.06
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	17-MAY-12	Finding:	8.18
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	17-APR-12	Finding:	7.94
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	02-APR-12	Finding:	7.89
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	26-MAR-12	Finding:	7.82
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	22-MAR-12	Finding:	8.21
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	05-MAR-12	Finding:	7.9
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	27-FEB-12	Finding:	7.71
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	21-FEB-12	Finding:	7.87
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	14-FEB-12	Finding:	7.81
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		

**J29**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    CADWR8000017805**

State Well #:	30S27E07G001M	Station ID:	22832
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Kern County	Well Completion Rpt #:	Not Reported

**30**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS    CADWR8000017934**

State Well #:	30S27E05H002M	Station ID:	22827
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Kern County	Well Completion Rpt #:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**J31**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR0000018136**

Well ID:	30S27E07F001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	30S27E07F001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S27E07F001M&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S27E07F001M&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**J32**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR8000017806**

State Well #:	30S27E07F001M	Station ID:	22831
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Kern County	Well Completion Rpt #:	Not Reported

**33**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR0000001338**

Well ID:	30S27E08G001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	30S27E08G001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S27E08G001M&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S27E08G001M&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**34**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADDW0000015324**

Well ID:	1510040-018	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL ID4-8	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=1510040-018&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=1510040-018&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**K35**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR8000017909**

State Well #:	30S26E01H001M	Station ID:	21682
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Kern County	Well Completion Rpt #:	Not Reported

**K36**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR0000037987**

Well ID:	30S26E01H001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	30S26E01H001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S26E01H001M&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&amp;samp_date=&amp;global_id=&amp;assigned_name=30S26E01H001M&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**37**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000163120**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	030S027E05H001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1951	Well Depth:	150
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**1**

**WNW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG14000004226**

API #:	0402980759	Well #:	6-1
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Conoco TWI Fee	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

**2**

**West**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG14000003675**

API #:	0402944391	Well #:	S-56
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	KCL Sec 6	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

**A3**

**East**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG14000002498**

API #:	0402932194	Well #:	77-5
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	KCL	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

**A4**

**East**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG14000003678**

API #:	0402944420	Well #:	77X
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Lease by Arco Western Energy Co.	Area Name:	Any Area
Field Name:	Any Field	Confidential Well:	N
GIS Source:	hud	Spud Date:	Not Reported
Directionally Drilled:	N		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

---

**5**  
**SW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG14000002910**

API #: 0402932214  
Well Status: Plugged  
Lease Name: KCL  
Area Name: Any Area  
Confidential Well: N  
Spud Date: Not Reported

Well #: 33X  
Well Type: Dry Hole  
Field Name: Any Field  
GIS Source: hud  
Directionally Drilled: N

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
93311	18	0

Federal EPA Radon Zone for KERN County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

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Federal Area Radon Information for Zip Code: 93311

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.800 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported



# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

## OTHER STATE DATABASE INFORMATION

### Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

The GAMA Program is California's comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Health Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

### California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

### California Oil and Gas Well Locations

Source: Dept of Conservation, Geologic Energy Management Division

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

## RADON

### State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

## EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

## STREET AND ADDRESS INFORMATION

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Appendix C

**SITE QUESTIONNAIRES**



## Environmental Site Assessment Owner Questionnaire

*As part of the Phase I environmental site assessment standard process, adopted by ASTM International, this questionnaire was constructed in accordance with "E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process."*

**Purpose:** In conducting an environmental site assessment, **Advanced Environmental Concepts, Inc. (AEC)** will evaluate the following subject property for any indication of hazardous waste or hazardous material releases into the environment. The purpose of this questionnaire is to assist **AEC** in conducting a more thorough investigation with information from the property Owner, Owner's representative, or current lessee/tenant that is not readily available in public records. When answering this questionnaire, please be as thorough as possible. If an employee has pertinent knowledge of the property, please have them finish a copy of the questionnaire, as well. You may fax the completed questionnaire(s) to **(661) 395-1616** or email them to [vanessa@advanced-ec.com](mailto:vanessa@advanced-ec.com).

**Subject Property:** 12.63-acres North of Camino Media and East of Old River Road  
APN: 390-300-28, -29, and -30 ✓  
Bakersfield, California

1. Please list the legal description of the property. PARCEL G, H & I OF PARCEL  
MAP MANOR 17-0426

2. Are you aware of any violations for unauthorized use, toxic spill incidents, or unauthorized releases of hazardous materials listed for the subject property? NO

3. What is the onsite water supply for potable use and irrigation use? Irrigation wells and/or district water? Any groundwater monitoring wells? CITY OF BAKERSFIELD WATER

4. Please list the dates of construction for all structures on the property. VACANT LAND

5. Please list the current and historical ownership (name and address of owners) for the property. Is the property being leased? DO KNOW

6. Do you have a current Restricted Materials Permit with the County for any ag chemical application? (Please attach a copy) DONT KNOW OF ANY.

7. Are there any onsite oil or gas wells? DONT KNOW OF ANY

8. Are you aware of any prior investigations conducted at the subject property? DONT KNOW OF ANY

9. Are there any former or current Underground Storage Tanks (USTs) onsite? DONT KNOW OF ANY

10. Please list all of the Aboveground Storage Tanks (ASTs) on the property. DONT KNOW OF ANY

11. What company provides electrical service for the property? PG&E

12. Are there any subsurface leachfields and/or septic systems onsite? DONT KNOW OF ANY

- 13. Are you operating under Regulatory Permits? If so, please provide copies. \_\_\_\_\_
- a. Regional Water Board (Treatment Ponds, etc.)? \_\_\_\_\_
- b. Community Water System (Well Water)? \_\_\_\_\_
- c. Air Quality Permits? \_\_\_\_\_
- d. UST/AST Compliance Permits? \_\_\_\_\_

14. Has fill material been imported to the subject property? Please explain. THE SITE IS A ROCKY GRADIENT SUPER PAD - VACANT.

This questionnaire has been complete by:

TOM DEE

Name 9100 MAIN ST AVE. SUITE 120

Address 661-993-4491

Phone No. \_\_\_\_\_

Signature 

Date 6-15-2020



Environmental Site Assessment User Questionnaire

To qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the User must provide the following information to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

Purpose: In conducting an environmental site assessment, Advanced Environmental Concepts, Inc. (AEC) will evaluate the following subject property for any indication of hazardous waste or hazardous material releases into the environment. The purpose of this questionnaire is to assist AEC in conducting a more thorough investigation with information from the User or User's representative that is not readily available in public records. When answering this questionnaire, please be as thorough as possible. If an employee has pertinent knowledge of the property, please have them finish a copy of the questionnaire, as well. You may fax the completed questionnaire(s) to (661) 395-1616 or email them to vanessa@advanced-ec.com.

Subject Property: 12.63-acres North of Camino Media and East of Old River Road
APN: 390-300-28, -29, and -30
Bakersfield, California

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law? (40 CFR 312.25) Please checkmark the most appropriate response:

- I have not reviewed the records and do not know if there are any filed or recorded environmental liens.
I have reviewed the records, and No, there aren't any filed or recorded environmental liens.
I have reviewed the records, and Yes, there are environmental liens. Explain:

2. Are you aware of any activity and land use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law? (40 CFR 312.26) Please checkmark the most appropriate response:

- I have not reviewed the records and do not know if there are any filed or recorded AULs or any AULs in place at the site.
I have reviewed the records, and No, there aren't any filed or recorded AULs or any AULs in place at the site.
I have reviewed the records, and Yes, there are AULs or any AULs in place at the site. Explain:

THERE ARE SEVERAL UTILITY LINES TRAVELING THE SITE PLUS AN ACCESS DRIVEWAY

3. Does the Title Report provide any information pertaining to environmental cleanup liens or activity and use limitations (AULs) for the subject property? Please checkmark the most appropriate response:

- I have not reviewed the Title Report and **do not know** if it provides environmental cleanup liens or AULs information.
- I have reviewed the Title Report, and **No, it does not** provide environmental cleanup liens or AULs information.
- I have reviewed the Title Report, and **Yes, it does** provide environmental cleanup liens or AULs information. Explain:

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4. As the User of the ESA and the person seeking to qualify for the LLP, 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 so that you would have specialized knowledge of the chemicals and processes used by this type of business? (40 CFR 312.28) Please checkmark the most appropriate response:

- No, I do not** have any specialized knowledge and/or experience related to the property or nearby properties.
- Yes, I do** have specialized knowledge and/or experience related to the property or nearby properties. Explain:

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5. As the User of this ESA, based on your knowledge and experience related to the property, are you aware of any information pertaining to a reduction in value for the subject property relative to any known environmental issues? Please checkmark the most appropriate response:

- No, I do not** have any information about a reduction in property value relative to environmental issues.
- Yes, I do** have information about a reduction in property value relative to environmental issues. Explain:

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6. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? Please checkmark the most appropriate response:

- No, I do not** believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Proceed to question #6a.
- Yes, I do** believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Skip to question #7.



a. If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? (40 CFR 312.29) Please checkmark the most appropriate response:

- No, I have not** considered the idea that known or believed contamination at the site has caused the lower purchase price.
- Yes, I have** considered the idea that known or believed contamination at the site has caused the lower purchase price. Explain:

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7. 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? (40 CFR 312.30) *No*

a. What are the past uses of the property?

- I **do not** know.
- I **do** know. Explain:

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b. What (if any) specific chemicals are present, or once were present, at the property?

- I **do not** know.
- I **do** know. Explain:

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c. What (if any) spills or other chemical releases have taken place at the property?

- I **do not** know.
- I **do** know. Explain:

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d. What (if any) environmental cleanups have taken place at the property?

- I **do not** know.
- I **do** know. Explain:

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8. As the User of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property? (40 CFR 312.31) Please checkmark the most appropriate response:

- No, I do not know and/or do not have any** experience with any obvious indicators that point to the presence or likely presence of contamination at the property.
- Yes, I do know and/or do have** experience with obvious indicators that point to the presence or likely presence of contamination at the property. Explain:

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9. Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site? Please checkmark the most appropriate response:

- No, I am not** aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site.
- Yes, I am** aware of pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site. Explain:

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10. Are you aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site? Please checkmark the most appropriate response:

- No, I am not** aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products, in, on, or from the site.
- Yes, I am** aware of pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products, in, on, or from the site. Explain:

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11. Are you aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products? Please checkmark the most appropriate response:

- No, I am not** aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.
- Yes, I am** aware of a notice from a government entity (or multiple government entities) regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products. Explain:

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This questionnaire has been complete by:

TOM DELE  
Name


VP  
Title

RGF PROPERTIES  
Firm

9100 MING AVE - SUITE 120  
Address

661-993-4491  
Phone No.

BUYER  
Relationship to Property (i.e. sell, buyer, occupant, property manager, Employee, agent, consultant, etc.)?

  
Signature

6/15/2021  
Date

Please fax the completed questionnaire(s) to **(661) 395-1616** or email them to [vanessa@advanced-ec.com](mailto:vanessa@advanced-ec.com). This form may also be mailed to Vanessa Radsick at the following address.

Advanced Environmental Concepts, Inc.  
220 East Truxtun Avenue  
Bakersfield, California 93305  
Attention: Vanessa Radsick  
(661) 395-1646



1800 30th Street, Suite 260  
Bakersfield, California 93301

Phone (661) 327-1969

Fax (661) 327-1993

August 3, 2021

241-17  
Electronic Mail

Mr. Tom Dee  
RGF Properties LLC  
9100 Ming Avenue, Suite 120  
Bakersfield, CA 93311

REF: Traffic Evaluation for Residential General Plan Amendment (GPA) and Zone Change on  
Camino Media

Dear Mr. Dee:

Pursuant to your request we have prepared the following trip generation estimates and evaluation of the requirements for a traffic impact study for the project. Traffic impact studies are currently comprised of a traffic operational analysis (Level of Service, LOS) and a Vehicle Miles Travelled (VMT) assessment; different criteria and threshold apply for each section.

We understand that the project involves a General Plan Amendment (GPA) and zone change from Office Commercial (OC) to Multi-Family Residential HMR/R-2 on an 11.22 acre site along the north side of Camino Media (9700 & 9850 Camino Media) east of Old River Road. The site is currently undeveloped land. The proposed GPA/ZC would allow approximately 120 to 130 "bungalow" single-family units or 192 multi-family dwelling units.

### ***Trip Generation***

The trip generation and design hour volumes shown in Tables 1-3 were calculated using the Institute of Transportation Engineers (ITE) Trip Generation, 10<sup>th</sup> Edition, as well as data provided in the project description. The AM/PM rates and directional splits for ITE Land Use Codes 710 (General Office Building), 210 (Single Family Dwelling) and 220 (Multifamily Housing) were used to estimate trip generation for weekday peak hour of adjacent street traffic and average daily traffic, for the current and proposed landuses. While the proposed landuse is for multifamily, there is not a specific ITE code for the proposed bungalow development, therefore, the single-family trip generation rate was used as the most conservative estimate for trip generation comparison purposes.

Table 1  
 Office Commercial Trip Generation

General Information			Daily Trips		AM Peak Hour Trips			PM Peak Hour Trips		
ITE Code	Development Type	Variable	ADT RATE	ADT	Rate	In % Split/ Trips	Out % Split/ Trips	Rate	In % Split/ Trips	Out % Split/ Trips
710	General Office Building	142 1000 sq ft GFA	eq	1491	eq	86% 138	14% 22	eq	16% 25	84% 133

Table 2  
 Single-Family Trip Generation

General Information			Daily Trips		AM Peak Hour Trips			PM Peak Hour Trips		
ITE Code	Development Type	Variable	ADT RATE	ADT	Rate	In % Split/ Trips	Out % Split/ Trips	Rate	In % Split/ Trips	Out % Split/ Trips
210	Single-Family detached Housing	130 Dwelling Units	9.44	1227	0.74	25% 24	75% 72	0.99	63% 81	37% 48

Table 3  
 Multi-Family Trip Generation

General Information			Daily Trips		AM Peak Hour Trips			PM Peak Hour Trips		
ITE Code	Development Type	Variable	ADT RATE	ADT	Rate	In % Split/ Trips	Out % Split/ Trips	Rate	In % Split/ Trips	Out % Split/ Trips
220	Multifamily Housing (Low Rise)	191 Dwelling Units	eq	1403	eq	23% 20	77% 68	eq	63% 66	37% 39

Traffic impacts associated with projects that are consistent with the existing landuse designations and zoning are considered to be addressed through payment of the Regional Transportation Impact Fee (RTIF), which provides for a broad range of street improvements to maintain acceptable levels of service for traffic operations throughout the entire street system. A traffic impact study is generally

Mr. Tom Dee  
August 3, 2021  
Page 3 of 4

required for a GPA which will increase the estimated traffic volumes from those currently anticipated with the existing land use designation and zoning, to determine if there are additional street improvements needed beyond those provided by the RTIF program.

A comparison of the trip generation estimated for the existing landuse/zoning, Table 1, with that of the proposed landuse/zoning (as either single or multi-family units), Tables 2 and 3, shows that the proposed use will have less traffic than the current use. Therefore, a traffic operational analysis (Level of Service) is not required.

### ***Vehicle Mile Traveled (VMT) Evaluation***

Senate Bill 743 changed the CEQA metric for assessment of traffic impacts from level of service to vehicle miles traveled. The City of Bakersfield is currently in the process of developing its policies and threshold for evaluation of VMT impacts in accordance with the guidelines provided by the Governor's Office of Planning and Research (OPR). The Technical Advisory on Evaluating Transportation Impacts in CEQA was used as the basis for evaluation of VMT impacts for this project.

The analysis involved comparing an estimate of VMT attributable to the project to a baseline VMT for the greater Bakersfield area and assessing whether project VMT would result in a significant transportation impact. The OPR Technical Advisory recommends 15% reduction in VMT below baseline as the threshold for significant impacts for residential development.

VMT data was obtained from the Kern Council of Governments (KernCOG) in order to establish a baseline for daily vehicle miles traveled in the Kern County area. Based on household and employment populations within Kern County, as well as travel patterns throughout the region, KernCOG data shows an average VMT per trip of 9.76 miles for households.

An average VMT per trip of 4.89 miles was estimated for the project, taking into consideration several factors including project trip generation and distribution, trip type and probable trip destination.

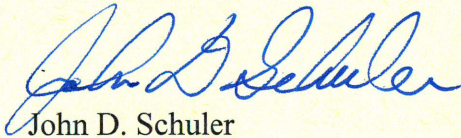
The project average VMT of 4.89 miles is approximately 49% lower than the average regional VMT of 9.76 miles. Therefore, the project will not result in a significant transportation impact under CEQA.

Mr. Tom Dee  
August 3, 2021  
Page 4 of 4

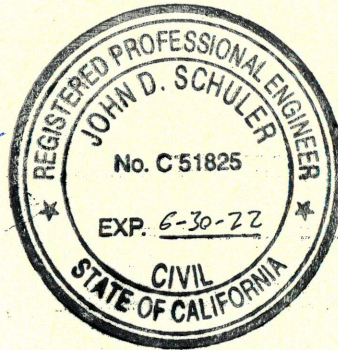
In conclusion, the estimated project trip generation of the proposed landuse is less than that of the existing landuse and the VMT per unit is less than significant. The project will participate in the Regional Transportation Impact Fee (RTIF) program to address any traffic impacts associated with the project. Therefore, no additional traffic analysis or study is required.

Please contact me should you have any questions.

Very truly yours,



John D. Schuler  
RCE #51825



JDS/



# BAKERSFIELD

THE SOUND OF *Something Better*

## VERIFICATION OF PROPERTY LOCATION FOR WATER SERVICE

August 13, 2021

To:

McIntosh & Associates  
Attn: Whitney Jackson  
2001 Wheelan Ct  
Bakersfield, CA. 93309  
(661) 834-4814

Re: Domestic Water Service to 9700 and 9850 Camino Media, containing apx. **11.22 gross acres**

Dear Whitney,

This is not and should not to be considered as a "Will Serve Letter" but only as verification that the property is located within or adjacent to the City of Bakersfield Domestic Water System Area boundary. The "Will Serve Letter" may be produced for **final** map requirements after signature of the Domestic Water Service Agreement by the property owner(s) and payment of all fees.

City of Bakersfield  
Water Resources Department

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Tylor S. Hester  
Domestic Water Supervisor